



July 9, 2009

TO: Members of the Board of Regents
Ex-officio Representatives to the Board of Regents

FROM: Joan Goldblatt, Secretary of the Board of Regents

RE: Schedule of Meetings

WEDNESDAY, JULY 15, 2009

4:00 p.m.	Washington Park Arboretum Graham Visitors Center	ARBORETUM TOUR FOR REGENTS
6:00 p.m.	Hill-Crest	SPECIAL MEETING OF THE BOARD
7:00 p.m.	Hill-Crest	DINNER FOR REGENTS & OTHER GUESTS

THURSDAY, JULY 16, 2009

9:00 a.m.	UW Tower Board Room, 22nd Floor	REGULAR MEETING OF BOARD OF REGENTS
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*The following times are approximate.
Committees will meet concurrently.*

9:05 to 11:35 a.m.	UW Tower Board Room, 22nd Floor	FINANCE, AUDIT AND FACILITIES COMMITTEE: Regents Blake (Chr), Brotman, Jewell, Kiga, Simon
10:45 to 11:35 a.m.	UW Tower Magnolia Room, 22nd Floor	ACADEMIC & STUDENT AFFAIRS COMMITTEE: Regents Simon (Chr), Barer, Gates, Proctor, Willynck
11:35 to 11:50 a.m.		BREAK
11:50 a.m.	UW Tower Board Room, 22nd Floor	REGULAR MEETING OF BOARD OF REGENTS RECONVENES
3:45 p.m.	UW Tower Visitors Dining Room, 4th Floor Mezzanine	REGENTS RECEPTION FOR FACULTY LEADERSHIP

To request disability accommodation, contact the Disability Services Office at: 206.543.6450 (voice), 206.543.6452 (TTY), 206.685.7264 (fax), or email at dso@u.washington.edu. The University of Washington makes every effort to honor disability accommodation requests. Requests can be responded to most effectively if received as far in advance of the event as possible, preferably at least 10 days.



**UNIVERSITY OF WASHINGTON
BOARD OF REGENTS**

**Finance, Audit and Facilities Committee
Regents Blake (Chair), Brotman, Jewell, Kiga, Simon**

**July 16, 2009
9:05 to 11:35 a.m.
UW Tower
Board Room, 22nd Floor**

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|----|---|--------------------|------------|
| 1. | Grant and Contract Awards Summary – May, 2009
Phyllis M. Wise, Provost and Executive Vice President | ACTION | F-1 |
| 2. | Adoption of University of Washington “Red Flag” Policies
Kathryn Waddell, Executive Director, Health Sciences
Administration | ACTION | F-2 |
| 3. | UW Tacoma Phase 3 – Approve Budget Adjustment
Richard Chapman, Associate Vice President, Capital
Projects Office | ACTION | F-3 |
| 4. | Renaming the “West Campus Parking Garage” to the “Portage
Bay Parking Facility”
Charles Kennedy, Associate Vice President, Facilities
Services | ACTION | F-4 |
| 5. | Renaming the “Physical Plant Office Building” to the “Facilities
Services Administration Building”
Charles Kennedy | ACTION | F-5 |
| 6. | Naming the University of Washington Husky Ballpark “Chaffey
Field”
Scott Woodward, Athletic Director | ACTION | F-6 |
| 7. | Actions Taken Under Delegated Authority
Richard Chapman | INFORMATION | F-7 |
| 8. | Report of Contributions – May, 2009
Walter G. Dryfoos, Associate Vice President, Advancement
Services
Connie Kravas, Vice President, University Advancement | INFORMATION | F-8 |
| 9. | Internal Lending Program Quarterly Report
Doug Breckel, Associate Vice President, Treasury Office
Chris Malins, Senior Associate Treasurer, Treasury Office | INFORMATION | F-9 |

10. **University of Washington Bothell – Student Housing Rates** **ACTION** F-10
Kenyon S. Chan, Chancellor, UW Bothell
Marilyn Cox, Vice Chancellor for Administration and Planning, UW Bothell
Steve Kennard, Assistant Director, Asset Management, Real Estate Office
11. **Establishing a Student Facilities Renovation Fee** **ACTION** F-11
Eric Godfrey, Vice President and Vice Provost, Student Life
12. **Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract** **ACTION** F-12
Eric Godfrey
Jon Lebo, Project Manager, Capital Projects Office
Wayne Sugai, Assistant Treasurer, Treasury Office
13. **Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract** **ACTION** F-13
Sheila Edwards Lange, Vice President, Minority Affairs, Vice Provost, Diversity, Office of Minority Affairs
Eric Godfrey
Jon Lebo
Wayne Sugai
14. **Hall Health Primary Care Center Remodel – Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract** **ACTION** F-14
Eric Godfrey
Jon Lebo
Wayne Sugai
15. **Enterprise Risk Management** **INFORMATION** F-15
V’Ella Warren, Senior Vice President
Ana Mari Cauce, Dean, College of Arts and Sciences
Doug Breckel
Paul Jenny, Vice Provost, Planning and Budgeting
16. **Internal Lending Program Update** **INFORMATION** F-16
Doug Breckel
Chris Malins
17. **Adoption of an Amended Resolution Authorizing the Sale of General Revenue Notes (Commercial Paper)** **ACTION** F-17
Chris Malins
Doug Breckel

18. **Approval of a Resolution to Issue and Refund General Revenue Bonds** **ACTION** F-18
Chris Malins
Doug Breckel
19. **Investment Update** **INFORMATION** F-19
Keith Ferguson, Chief Investment Officer, Treasury Office
Doug Breckel
20. **Other Business**



**UNIVERSITY OF WASHINGTON
BOARD OF REGENTS**

**Academic and Student Affairs Committee
Regents Simon (Chair), Barer, Gates, Proctor, Willynck**

**July 16, 2009
10:45 to 11:35 a.m.
UW Tower
Magnolia Room, 22nd Floor**

1. **Academic and Administrative Appointments** **ACTION** A-1
Phyllis M. Wise, Provost and Executive Vice President
2. **Establishment of the Cinema and Media Studies Graduate Certificate Program in the Department of Comparative Literature** **ACTION** A-2
Tom Gething, Assistant Vice Provost and Assistant Dean of Academic Affairs, Director of Postdoctoral Affairs, The Graduate School
Jennifer Bean, Associate Professor, Department of Comparative Literature
3. **University of Washington Medicine Board Appointment** **ACTION** A-3
Paul G. Ramsey, CEO, UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine
4. **UW Department of Intercollegiate Athletics, NCAA Compliance and Student-Athlete Academic Services Update** **INFORMATION** A-4
Mark Rountree, Associate Athletic Director for Compliance, Intercollegiate Athletics
Kim Durand, Associate Athletic Director for Student Development, Intercollegiate Athletics
5. **Other Business**



AGENDA

BOARD OF REGENTS University of Washington

July 16, 2009
9:00 a.m.
UW Tower
Board Room, 22nd Floor

(Item No.)

I. CALL TO ORDER

Adjourn to committee meetings.
The regular meeting of the Board of Regents will reconvene at approximately 11:50 a.m.

II. ROLL CALL

III. CONFIRM AGENDA

IV. REPORT OF THE CHAIR OF THE BOARD OF REGENTS: **Regent Cole**

University of Washington Medicine Board Annual Report on Operations and Governance (Information only) BP-1

Paul Ramsey, CEO, UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine

Mary L. 'Nora' Disis, Associate Dean for Translational Science, School of Medicine

Special Committee on the Future of the Metropolitan Tract Report (Information only) BP-2

Jeff Brotman, Regent, Committee Chair

V. REPORT OF THE UNIVERSITY PRESIDENT: **Dr. Emmert**

Medal of Honor Memorial: Review Project Design Concept (Information only) UP-1

Jon Lebo, Project Manager, Capital Projects Office

VI. CONSENT AGENDA

Approval of Minutes of Special Meeting of May 28, 2009

Approval of Minutes of Meeting of June 11, 2009

Establishment of the Cinema and Media Studies Graduate Certificate Program
in the Department of Comparative Literature A–2

University of Washington Medicine Board Appointment A–3

Grant and Contract Awards Summary – May, 2009 F–1

Adoption of University of Washington “Red Flag” Policies F–2

UW Tacoma Phase 3 – Approve Budget Adjustment F–3

Renaming the “West Campus Parking Garage” to the “Portage Bay Parking
Facility” F–4

Renaming the “Physical Plant Office Building” to the “Facilities Services
Administration Building” F–5

Naming the University of Washington Husky Ballpark “Chaffey Field” F–6

University of Washington Bothell – Student Housing Rates F–10

Establishing a Student Facilities Renovation Fee F–11

Husky Union Building Renovation and Addition: Review Schematic Design,
Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award
Construction Contract F–12

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding, and
Delegation of Authority to Award Construction Contract F–13

Hall Health Primary Care Center Remodel – Adopt Budget, Approve Debt
Funding, and Delegation of Authority to Award Construction Contract F–14

Adoption of an Amended Resolution Authorizing the Sale of General Revenue
Notes (Commercial Paper) F–17

Approval of a Resolution to Issue and Refund General Revenue Bonds F–18

VII. STANDING COMMITTEES**A. Academic and Student Affairs Committee: Regent Simon – Chair**

Academic and Administrative Appointments (ACTION)	A–1
UW Department of Intercollegiate Athletics, NCAA Compliance and Student-Athlete Academic Services Update (Information only)	A–4

B. Finance, Audit and Facilities Committee: Regent Blake – Chair

Actions Taken Under Delegated Authority (Information only)	F–7
Report of Contributions – May, 2009 (Information only)	F–8
Internal Lending Program Quarterly Report (Information only)	F–9
Enterprise Risk Management (Information only)	F–15
Internal Lending Program Update (Information only)	F–16
Investment Update (Information only)	F–19

VIII. OTHER BUSINESS

Reports from ex-officio representatives to the Board:

Faculty Senate Chair – Professor David Lovell

ASUW President – Mr. Tim Mensing

GPSS President – Mr. Jake Faleschini

Alumni Association President – Mr. Rick Osterhout

IX. DATE FOR NEXT REGULAR MEETING: August 20, 2009**X. EXECUTIVE SESSION**

(To discuss with legal counsel representing the University, litigation or potential litigation to which the University is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the University)

XI. CLOSED SESSION
(labor relations)**XII. EXECUTIVE SESSION**
(to review the performance of a public employee)**XIII. ADJOURNMENT**

MINUTES

BOARD OF REGENTS University of Washington

July 16, 2009

The Board of Regents held its regular meeting on Thursday, July 16, 2009, beginning at 9:00 a.m. in the Board Room of the UW Tower. The notice of the meeting was appropriately provided to the public and the media.

CALL TO ORDER

ROLL CALL

Assistant Secretary Keith called the roll: Present were Regents Craig Cole (presiding), Stan Barer, Kristi Blake, Jeff Brotman, Sally Jewell, Connie Proctor, Herb Simon, Jean-Paul Willynck; Dr. Mark Emmert, Dr. Phyllis Wise, Ms. V'Ella Warren, Ms. Joan Goldblatt; ex-officio representatives: Professor David Lovell, Mr. Tim Mensing.

Absent: Regents Bill Gates and Fred Kiga, Mr. Osterhout and Mr. Faleschini.

CONFIRM AGENDA

The agenda was confirmed as presented.

REPORT OF THE CHAIR OF THE BOARD OF REGENTS: Regent Cole

University of Washington Medicine Board Annual Report on Operations and Governance (Agenda no. BP-1) (Information only)

The UW Medicine Board By-Laws specify the Board shall report to the Board of Regents and the President three times each year. The spring report focuses on the operations and governance of aspects relating to programs, research and strategic areas.

Dr. Paul Ramsey, Dean of the UW Medical School, introduced Dr. Nora Disis, Professor of Medicine, who told the Regents about the Institute of Translational Health Sciences. The purpose of the Institute is to take advantage of biomedical science by translating research discoveries into practice and patient care. The program is funded mainly by the National Institutes of Health.

Questions and discussion followed the presentation.

See Attachment BP-1.

Special Committee on the Future of the Metropolitan Tract Report (Agenda no. BP-2) (Information only)

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Regent Brotman, Committee Chair, provided an update regarding the Committee's activities. Brotman reported the Committee held its initial meeting and will meet again soon. The Committee is looking at improving oversight of Tract operations in the future. They plan to develop guidelines for recruiting outside members to serve on the committee, with the goal of creating a committee similar to UWINCO to oversee the Tract.

See Attachment BP-2.

REPORT OF THE UNIVERSITY PRESIDENT: Dr. Emmert

Medal of Honor Memorial: Review Project Design Concept (Agenda no. UP-1) (Information only)

President Emmert invited Jon Lebo, Project Manager, Capital Projects Office, to provide the Regents with an overview of the Medal of Honor Memorial project. The Memorial, located at the traffic circle at the south end of Memorial Way, will honor University of Washington alumni who are Medal of Honor recipients. The Medal of Honor is the highest award for valor awarded to a person serving in the armed forces. Students were involved in the planning process. The project is donor funded. The memorial is designed to be a place of respite and reflection. Dedication is planned for Veterans' Day, November 11, 2009.

See Attachment UP-1.

President Emmert thanked Faculty Senate Chair, David Lovell, for his service during the past challenging year, and praised the exemplary interaction between the Senate, the Administration, and the Board of Regents. The President thanked Rick Osterhout for his service as UWAA President.

CONSENT AGENDA

Regent Cole noted there were seventeen items for approval on the consent agenda, and called for a motion.

MOTION: Upon the recommendation of the Chair of the Board and the motion made by Regent Simon seconded by Regent Barer, the Board voted to approve the seventeen items on the consent agenda as shown below:

Minutes for the meeting of June 11, 2009

Minutes for the Special Meeting of May 28, 2009

Establishment of the Cinema and Media Studies Graduate Certificate Program in the Department of Comparative Literature (Agenda no. A-2)

It is the recommendation of the administration and the Academic and Student Affairs Committee that the Board of Regents grant authority to the Department of Comparative

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Literature, in the College of Arts and Sciences, to offer the Cinema and Media Studies Graduate Certificate Program, effective immediately. The certificate program will have provisional status with a review to be scheduled in the 2013-2014 academic year. At such time that continuing status is granted, a ten-year review cycle would begin.

See Attachment A-2.

University of Washington Medicine Board Appointment (Agenda no. A-3)

It is the recommendation of the University President and the Academic and Student Affairs Committee that the Board of Regents make the following new appointment to the UW Medicine Board:

New Appointment

Rich Jones

August 1, 2009 – July 31, 2012

See Attachment A-3.

Grant and Contract Awards Summary – May, 2009 (Agenda no. F-1)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee the Board of Regents accept Grant and Contract Awards for the month of May, 2009, in the total amount of \$95,000,450.

See Attachment F-1.

Adoption of University of Washington “Red Flag” Policies (Agenda no. F-2)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve the University of Washington’s policies regarding identity theft in compliance with the Federal Trade Commission’s Red Flag Rules.

See Attachment F-2.

UW Tacoma Phase 3 – Approve Budget Adjustment (Agenda no. F-3)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve a revision of the UW Tacoma Phase 3 project budget from \$60,150,000 to \$40,150,000.

See Attachment F-3.

Renaming the “West Campus Parking Garage” to the “Portage Bay Parking Facility” (Agenda no. F-4)

It is the recommendation of the Senior Vice President, the Associate Vice President for Facilities Services, and the University Names Committee, with the concurrence of

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President Mark Emmert, that the “West Campus Parking Garage” be renamed the “Portage Bay Parking Facility.”

See Attachment F-4.

Renaming the “Physical Plant Office Building” to the “Facilities Services Administration Building” (Agenda no. F-5)

It is the recommendation of the Senior Vice President for Finance and Facilities, the Associate Vice President for Facilities Services and the University Names Committee, with the concurrence of President Mark Emmert, that the “Physical Plant Office Building” be renamed the “Facilities Services Administration Building.”

See Attachment F-5.

Naming the University of Washington Husky Ballpark “Chaffey Field” (Agenda no. F-6)

It is the recommendation of the Athletic Director and the University Names Committee, with the concurrence of President Mark Emmert, that the University of Washington Baseball Park be named “Chaffey Field.”

See Attachment F-6.

University of Washington Bothell – Student Housing Rates (Agenda no. F-10)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Regents approve the rental rates for UW Bothell student housing.

See Attachment F-10.

Establishing a Student Facilities Renovation Fee (Agenda no. F-11)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve the establishment of a new Services and Activities Fee (hereafter referred to as the Student Facilities Renovation Fee) for the UW Seattle campus at an amount not to exceed \$95 per quarter per student with part-time students being charged rates proportionate to that of full-time students; and to be implemented separately and proportionally for each project upon substantial completion of the renovated spaces (September 2011 for the Ethnic Cultural Center and Hall Health Primary Care Center, and September 2012 for the Husky Union Building).

See Attachment F-11.

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (Agenda no. F-12)

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It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of the total project budget at \$128,336,000;
2. the use of the Internal Lending Program to fund up to \$126,000,000 for design, construction, furniture, fixtures, equipment, cost of debt issuance; and
3. delegation of authority to the President or his designee to award the General Contractor / Construction Manager (GC/CM) construction contract to Skanska USA Building Inc., subject to the scope, budget, and funding remaining within 10% of the established budget.

See Attachment F-12.

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (Agenda no. F-13)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of a total project budget at \$15,500,000;
2. the use of the Internal Lending Program to fund up to \$16,000,000 for design, construction, furniture, fixtures, equipment, and cost of debt issuance; and
3. delegation of authority to the President or his designee to award a construction contract, subject to the scope, budget, and funding remaining within 10% of the established budget.

See Attachment F-13.

Hall Health Primary Care Center Remodel – Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (Agenda no. F-14)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of a total project budget at \$10,150,000;
2. the use of the Internal Lending Program to fund up to \$8,000,000 for design, construction, furniture, fixtures, equipment, cost of debt issuance; and
3. delegation of authority to the President or his designee to award a construction contract, subject to the scope, budget, and funding remaining within 10% of the established budget.

See Attachment F-14.

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Adoption of an Amended Resolution Authorizing the Sale of General Revenue Notes (Commercial Paper) (Agenda no. F-17)

It is the recommendation of the administration and the Finance, Audit, and Facilities Committee that the Board of Regents:

1. Adopt the attached amended resolution authorizing the issuance of University of Washington General Revenue Notes (i.e. commercial paper) in an aggregate principal amount not to exceed \$250 million, including:
 - a. Use of University liquidity to insure repayment of the notes if they cannot be remarketed by the broker/dealer, and;
 - b. Addition of building fee revenues as a repayment source.

See Attachment F-17.

Approval of a Resolution to Issue and Refund General Revenue Bonds (Agenda no. F-18)

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. The attached resolution to allow for the issuance of General Revenue Bonds for the following purposes:
 - a. Capital projects based on expected cash flows and outstanding commercial paper for fiscal year 2010 in an amount not to exceed \$150 million;
 - b. To refund any existing debt that provides an economic benefit.
2. Delegating to the President or his designee the authority to proceed with the issuance of the bonds, to establish all other terms of the bonds, and to execute other documents and approvals as required to complete the transactions.

See Attachment F-18.

STANDING COMMITTEES

ACADEMIC AND STUDENT AFFAIRS COMMITTEE: Regent Simon, Chair

Regent Simon asked Provost Wise if she wished to highlight specific appointments.

Provost Wise noted the low number of appointments. Because of the budget situation, there has been limited recruiting. She highlighted the significantly larger number of endowed appointments, a reflection of many new endowed Chairs and Professorships created during the recent fundraising campaign.

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The Provost noted two appointments. Tom Hinckley is the first Director (interim) of new School of Forest Resources. Effective July 1, the School of Forest Resources entered into the College of the Environment. Yoky Matsuoka received the Torode Family Endowed Career Development Professorship in Computer Science and Engineering. Professor Matsuoka's research focuses on developing a robotic hand.

Academic and Administrative Appointments (Agenda no. A-1)

MOTION: Upon the recommendation of the administration and the motion made by Regent Proctor, seconded by Regent Blake, the Board voted to approve the academic and administrative appointments. Regent Willynck abstained from the discussion and vote.

See Attachment A-1.

UW Department of Intercollegiate Athletics, NCAA Compliance and Student-Athlete Academic Services Update (Agenda no. A-4) (Information only)

Regent Simon told the Board the Committee received a report from the University's Intercollegiate Athletics staff regarding NCAA compliance and Student-Athlete Academic Services.

John Morris, Senior Associate Athletic Director, informed Regents about recent NCAA violations and the UW Athletics compliance initiatives. Since 2004, there have been no major infractions and 102 secondary infractions.

Mr. Morris briefly discussed ongoing compliance initiatives and noted the Intercollegiate Athletics Department's continued work to promote and maintain a positive compliance culture.

Kim Durand, Associate Athletic Director for Student Development, provided the Regents an overview of academic services for student athletes. Support is provided to 650 student athletes in 23 sports by a staff of 14, with a \$1.5 million annual budget. The students are provided with academic advising and learning resources. Other programs are provided in collaboration with Undergraduate Academic Affairs. The academic success of UW student athletes continues to improve, and the UW is second, among all PAC-10 institutions, in graduation rates of student athletes.

Regent Simon reported the committee commended Scott Woodward, Athletic Director, for his leadership.

See Attachment A-4.

FINANCE, AUDIT AND FACILITIES COMMITTEE: Regent Blake, Chair

Regent Blake commented on items considered for action and approved by the Regents on the Consent Agenda.

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The Regents approved a master lease on a 24-unit apartment building, to serve as student housing for students from the UW Bothell campus. The forty-four spaces have been available for one week, and thirty-eight applications have been received. The Campus View apartments are a five-minute walk from campus.

The Committee approved the establishment of a student facilities renovation fee in an amount of up to \$95 per student, per quarter, to be phased in over time and used to fund the HUB, ECC, and Hall Health renovation and construction projects.

The Committee received additional information on the three student facility projects. Regents approved the budget for the HUB renovation to be funded through the internal lending program, and delegated authority to the administration for construction contract approval. They also received an update on the ECC project, and discussed the status of the Hall Health renovation.

Regents received a report on the Internal Lending Program (ILP), which included the history and current status of the program and the roles and responsibilities of Regents. The ILP has been in place for just over a year. Regents learned about the University's ability to obtain debt financing in the external financial market. Regents asked about the planning process for future funding of capital projects, specifically prioritization of which projects will be funded, and the UW's capability to service the debt with debt limits at a level for the University to maintain its bond rating at an appropriately high level. Within the next three to six months, Regents look forward to a presentation regarding overall future capital projects, especially information about the proposed methodology used to prioritize projects, and how planning and prioritization would take into consideration those projects which were, at one time, expected to be funded by the state.

Regent Blake reported the Regents adopted a resolution authorizing the sale of commercial paper relying on the University's own liquidity. The Regents also approved a resolution authorizing the issue of bonds up to \$150 million during the next twelve months. This amount would be sufficient to cover the projected cash requirements of previously approved projects.

Keith Ferguson provided Regents with an investment update, focusing on invested funds, consisting of the University's cash reserves, which include institutional and departmental funds. Regents Blake said Keith Ferguson would be pleased to provide a briefing on this subject to those Regents who did not attend the committee meeting.

Proposed changes in investment guidelines will be presented to the Regents within the next few months. The proposed changes would allow the University to invest cash reserves to better meet the liquidity needs of the institution.

Actions Taken Under Delegated Authority (Agenda no. F-7) (Information only)

See Attachment F-7.

Report of Contributions - May, 2009 (Agenda no. F-8) (Information only)

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The total amount of gifts received in May, 2009, was \$25,703,147. The total for the year to date is \$278,690,873.

See Attachment F-8.

Internal Lending Program Quarterly Report (Agenda no. F-9) (Information only)

See Attachment F-9.

Enterprise Risk Management (Agenda no. F-15) (Information only)

See Attachment F-15.

Internal Lending Program Update (Agenda no. F-16) (Information only)

See Attachment F-16.

Investment Update(Agenda no. F-19) (Information only)

See Attachment F-19.

REPORTS FROM EX OFFICIO REPRESENTATIVES TO THE BOARD OF REGENTS

Faculty Senate Chair: Professor David Lovell

Regent Cole thanked Professor Lovell for his efforts over the past year on behalf of the University and the faculty.

Professor Lovell said he will serve as the Chair of the Senate Committee on Planning and Budgeting next year, and he is looking forward to returning to his work as a consultant and researcher, working on policy development with the Department of Corrections where his focus is on issues of persons with mental illness in the corrections system.

Professor Lovell offered his appreciation for the high quality work of the University's administrative staff, especially those in decision-making and administrative capacities.

As this was Professor Lovell's last meeting as Chair of the Faculty Senate, he offered background information on Chair-Elect Bruce Balick. Professor Balick holds a bachelors degree from Beloit College and a PhD from Cornell. Dr. Balick has been at the UW since 1975, and Lovell said he exemplifies the commitment to teaching and research that forms the core that makes our University a successful enterprise. Balick is a former department Chair, part of the team that worked on the Hubble camera, and has multiple publications. Professor Balick is committed to the UW, its core mission, and the welfare of the faculty.

Professor Lovell acknowledged the past year has been a challenging one, but said he feels the way things were handled actually mattered. He maintained good relationships with

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the Provost, the President, and all the Regents, but especially with Board Chair, Craig Cole, whose support and collaboration was much appreciated. He specifically acknowledged Doug Wadden and Cheryl Cameron in the Provost's Office; Carol Niccolls in the President's Office; and the excellent Senate office staff – Nancy Bradshaw and Susan Folk. Lovell expressed gratitude to his “kitchen cabinet,” consisting of faculty holding differing views and perspectives, for their good advice. In closing, Dr. Lovell said it was a rewarding year in challenging times. Attendees offered their applause for Professor Lovell.

ASUW President: Mr. Tim Mensing

Mr. Mensing identified issues he feels will be important in the coming year.

Mr. Mensing said he hoped to work collaboratively with one voice, and with open communication to identify strategies for different types of funding during the budget crisis.

Mensing said “college to career” pathways are a second issue of importance, and he is working with the Carlson Center and Undergraduate Dean, Ed Taylor on this issue.

Safety and community are additional issues of importance to Mr. Mensing. He hopes to find ways to for the campus and the community work together to achieve the common goal of decreasing crime.

Mr. Mensing said the ASUW has over 700 clubs and his administration is working to create coalitions among the various clubs for collaboration and enhanced communication.

Mr. Mensing told the Regents he is from Tenino, majoring in biology and bio-chemistry.

GPSS President: Mr. Jake Faleschini

Mr. Faleschini is working in New York this summer, so GPSS Vice President, Sarah Reyneveld, presented a report. Ms. Reyneveld is law student with a graduate degree from the Evans School of Public Affairs. She offered her thanks to the Regents for their support of the ECC, HUB, and Hall Health renovation and construction projects, and said graduate students feel these are good investments.

The GPSS students have been working on a guide to life, a booklet about resources and activities for students on and off campus. GPSS representatives plan to distribute the guide to graduate advisors during orientation.

The GPSS is preparing for the third annual Summit in conjunction with the group Student Advocates for Graduate Education (SAGE). GPSS will host a three-day conference tentatively scheduled for October 29-31. They have identified prospective panels to include strategies to improve relations with the legislature during tough budget times. A second proposed panel will look at budget strategies used by leading research institutions, including “responsibility centered management,” to be more responsive to legislative

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budget challenges. The panel plans to explore state-of-the-art strategies to adapt to budget cuts. GPSS is requesting funding from the Provost to support the Summit.

Alumni Association President: Mr. Rick Osterhout

UWAA President, Rick Osterhout was traveling, so President-Elect, Eddie Pasatiempo presented a report from the UWAA. Regent Cole welcomed Mr. Pasatiempo and commended him for the tremendous work of the Alumni Association.

Mr. Pasatiempo highlighted the successful initiatives during Mr. Osterhout's tenure as President, specifically work with the Building Committee to move the Association offices to the Tower, the Executive Director leadership transition, investments in diversity, and community advocacy.

Mr. Pasatiempo said he works in the technology industry, graduated from UW in 1976 with a degree in communication and sociology, and took advantage of the full experiences offered by the University. He lived in a dormitory, was a member of a fraternity, and played baseball for the UW for four years.

Mr. Pasatiempo shared highlights from the UWAA, and said the UWAA recently elected their Board of Trustees for 2009-2010. The Board consists of six new trustees, and there is a total of 30 Board members, including five ex officio, four university representatives, two geographic and club representatives, and nineteen members serving at-large. The UWAA's goal is a diverse Board. Currently the Board is composed of less than 25% people of color, is 25% female, and has 33% young alumni (35 years and younger).

The Board will hold a planning session, to assure UWAA's goals and initiatives are in alignment with the University's, and that they complement, rather than duplicate, resources. Mr. Pasatiempo said they will focus on Board member engagement.

With over 56,000 members, 2009-10 has the highest level of membership in history. The UWAA is exploring ways to expand membership by offering benefits and perceived value.

Mr. Pasatiempo was pleased to announce the recent Husky Night at the Mariners was attended by 1,800 Huskies, and raised \$10,000 for scholarships.

Mr. Pasatiempo thanked UWAA Executive Director, Paul Rucker, for his service and leadership during the initial days of his appointment.

EXECUTIVE SESSION

Regent Cole called for the Regents to meet in an executive session to review the performance of a public employee.

CLOSED SESSION

Regent Cole called for the Regents and others to meet in a closed session to discuss labor relations.

EXECUTIVE SESSION

Regent Cole called for the Regents and others to meet in an executive session to discuss with legal counsel representing the University, litigation or potential litigation to which the University is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the University.

Following the executive session the Board reconvened in open session. Regent Cole said it was his pleasure to inform President Emmert the Board had completed its annual evaluation of the President's performance. The President has been a strong leader during a difficult period of time. The Regents hope he will agree to continue with the University under a five-year contract. The President thanked the Regents for their vote of confidence, and said this is a challenging, but exciting and interesting time, the University has enormous potential, and it is an honor to be its President.

MOTION: Regent Simon moved that the Board authorize the Chair to execute a new employment contract with President Emmert that is substantially in the form of the draft in front of them and establish certain related details as provided in that contract. The motion was seconded by Regent Cole. The Board voted to approve the motion. Regent Willynck abstained from the vote.

DATE FOR NEXT MEETING

Regent Cole, with the consensus of other Regents, and by acclamation, canceled the August 20 meeting of the Board. The next regular meeting of the Board of Regents will be held on Thursday, September 17, 2009, on campus.

Regent Proctor said she attended the tour of the Arboretum on Wednesday, July 15, and she commended the Arboretum on their work. She encouraged Regents to invite others to visit the Arboretum and support their work.

ADJOURNMENT

The regular meeting (reconvened and) was adjourned at 4:10 p.m.



Joan Goldblatt
Secretary of the Board of Regents

IV. REPORT OF THE CHAIR OF THE BOARD OF REGENTS

University of Washington Medicine Board
Annual Report on Operations and Governance

Focus Topic: The Institute of Translational Health Sciences

Attachment

Institute of Translational Health Sciences



ITHS as a “Collaboratory”

The ITHS is a dynamic and interactive organization with a mission to create, enable, and sustain innovative translational research and research collaborations across disciplines and professions which will accelerate the development of concepts and tangible products that will improve human health.

Our common purpose is to:

- Foster innovative research and research partnerships
- Create and sustain research resources
- Ensure a translational research pipeline through robust education and career development programs

Develop an infrastructure that in itself can act as a laboratory for original research

Contents

1	Our First Year
2	Who We Are
3	ITHS Institutions & Partners
4	Our Organization
6	2008 Environment Survey
8	Creating Collaborations
10	Fostering Innovation
12	Creating Research Resources
14	New Resource Spotlight
15	Innovation Through Access
16	Research Education
18	Community Partners
20	Advisory Boards
21	Should You Become a Member?

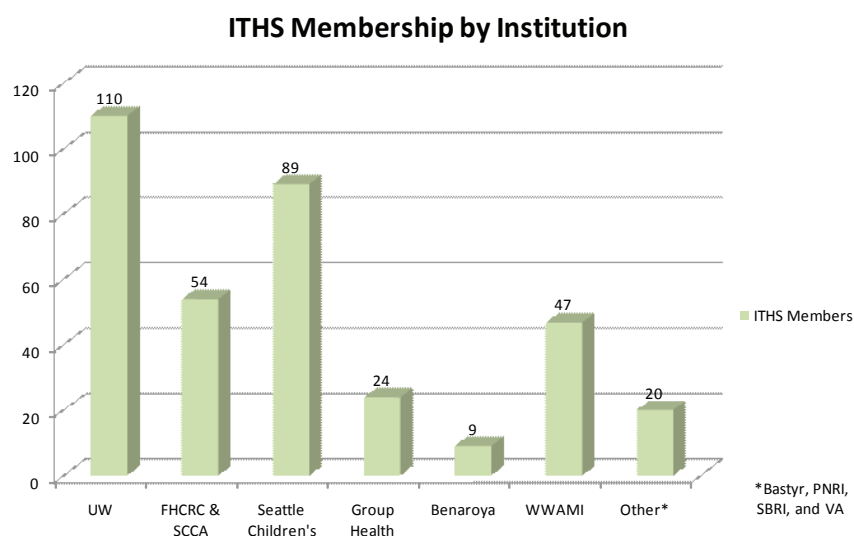
OUR FIRST YEAR

The Institute of Translational Health Sciences helps researchers obtain the education, resources and collaborations necessary to translate discoveries into practice. The Institute is a partnership among the University of Washington (UW), Seattle Children's, the Fred Hutchinson Cancer Research Center (FHCRC) and other local institutions dedicated to improving human health. To achieve this goal requires collaboration between many groups: academia, industry, non-profit agencies, government, and most importantly the community. Any researcher or individual interested in translational research from any group is invited to become a member of the ITHS.

Here are some highlights of our first year, discussed in more detail in the pages of this report:

- Over 350 members representing 5 institutions as well as members in the WWAMI region (Washington, Wyoming, Alaska, Montana, Idaho). At the UW, all 6 Health Sciences schools are represented.
- Via our pilot project program we have awarded 47 grants for over \$500,000 to investigators representing 9 institutions: UW, FHCRC, Seattle Children's, VA Puget Sound Health Care System, Boise State University, University of Alaska, University of Idaho, Montana State University, University of Wyoming.
- Developed the ITHS-Coulter Fellowship program as a new targeted category of the fellowship program at the UW Business School's Center for Innovation and Entrepreneurship.
- Created new education programs: an annual Bootcamp rapid introduction to research, and a monthly clinical research education seminar series.
- Obtained unanimous approval of a business plan for developing a practice-based research network in the WWAMI region and launched the first pilot project (teratogenic drug use in young women).
- Developed joint operations among three therapeutics manufacturing units at UW and FHCRC to improve quality and reduce administrative costs.
- Finalized a collaboration between ITHS Biomedical Informatics Core, UW Medicine, and Microsoft related to exploration of their Amalga software suite in the context of data integration and use of Electronic Medical Record data for research.
- The ITHS and UW School of Medicine Research Funding Service joined efforts and will develop a career development program with didactic sessions for students and mentors as well as a grant writing mentoring program.

Our Portal service has responded to questions from over 100 investigators regarding resources, grant applications, collaborations, and getting started in translational research. Read more about our work, then join us by visiting us at www.iths.org.



The ITHS is part of a new national consortium, the Clinical and Translational Science Awards (CTSA), and is funded under grants UL1 RR 025014, KL2 RR 025015, and TL1 RR 025016 from the National Center for Research Resources, part of the National Institutes of Health.

WHO WE ARE



Mary L. "Nora" Disis, M.D., overall Principal Investigator of the Institute, is the Associate Dean for Translational Health Sciences at the UW School of Medicine, Professor of Medicine and Adjunct Professor of Pathology and Obstetrics and Gynecology at UW and a Member of the Fred Hutchinson

Cancer Research Center. She is also Director of the Center for Translational Medicine in Women's Health at UW. Dr. Disis is an expert in breast and ovarian cancer immunology. Her research interest is in developing vaccine and cellular therapy for breast and ovarian cancer. She holds several patents in the field of targeted cancer therapy.



Bonnie W. Ramsey, M.D., is a co-PI of the Institute. At Seattle Children's Research Institute, Dr. Ramsey is Director of the Center for Clinical and Translational Research. She is also Professor and Vice Chair for Research in the Department of Pediatrics and holds the Endowed

Chair in Cystic Fibrosis (CF) at the UW School of Medicine. She is internationally recognized for her work in developing new therapies for patients with CF.



Martin A. "Mac" Cheever, M.D., a co-PI, is Director of Solid Tumor Research for the FHCRC and SCCA. He is a Member of the FHCRC and Professor of Medicine at the UW. Dr. Cheever oversees the cancer center's initiative to establish translational and clinical research programs for

all solid tumors. He is an internationally renowned tumor immunologist and a leader in the field of adoptive T-cell therapy for cancer treatment.



Kim A. Margolin, M.D., is an FHCRC co-PI, a Member of the FHCRC, a Physician/Clinical Investigator in the SCCA, and a Professor of Medicine at the UW. Dr. Margolin is a leader in the clinical investigation of melanoma and renal cell cancer.

Leadership & Administration

Mary "Nora" Disis, M.D. (UW School of Medicine/FHCRC)
Bonnie Ramsey, M.D. (Seattle Children's/UW SOM)
Martin "Mac" Cheever, M.D. (FHCRC/SCCA)
Kim Margolin, M.D. (Seattle Cancer Care Alliance/UW SOM)
Cathryn Booth-LaForce, Ph.D., F.A.P.S., R.Y.T. (UW School of Nursing)
Linda Hyman, Ph.D. (Montana State University)
James Presson, M.Ed. (UW School of Medicine)
Christina Surawicz, M.D. (UW School of Medicine)
W. Michelle Terry, M.D. (Seattle Children's)

Biomedical Informatics

Peter Tarczy-Hornoch, M.D. (UW School of Medicine)
James Brinkley, M.D., Ph.D. (UW School of Medicine)
Nicholas Anderson, Ph.D. (UW School of Medicine)

Center for Biomedical Statistics

Patrick Heagerty, Ph.D. (UW School of Public Health & Community Medicine)

Center for Scientific Review

Cathryn Booth-LaForce, Ph.D., F.A.P.S., R.Y.T. (UW School of Nursing)

Clinical Research Center Network

Carla Greenbaum, M.D. (Benaroya Research Institute)
Margaret Heitkemper, R.N., Ph.D., F.A.A.N. (UW School of Nursing)
Steven Kahn, M.B., Ch.B. (VA Puget Sound Health Care System/UW SOM)
Douglas Ramsay, D.M.D., Ph.D. (UW School of Dentistry)
Margaret Rosenfeld, M.D., M.P.H. (Seattle Children's/UW SOM)
Lupe Salazar, M.D. (UW School of Medicine/FHCRC)

Community Outreach and Research Translation

Laura-Mae Baldwin, M.D., M.P.H. (UW School of Medicine)
Dedra Buchwald, M.D. (UW School of Medicine)
Eric Larson, M.D., M.P.H. (Group Health)

Evaluation Research

Fredric Wolf, Ph.D. (UW School of Medicine)
Doug Brock, Ph.D. (UW School of Medicine)
Lynne Robins, Ph.D. (UW School of Medicine)

Pre-Clinical Research & Development

Lynn Rose, Ph.D. (Seattle Children's/UW SOM)
Kim Folger Bruce, Ph.D. (Seattle Children's)

Regulatory Support & Bioethics

Ann Melvin, M.D., M.P.H. (Seattle Children's/UW SOM)
Benjamin Wilfond, M.D. (Seattle Children's/UW SOM)

Research Education

Pamela Mitchell, Ph.D. (UW School of Nursing)
Jeffrey Probstfield, M.D. (UW School of Medicine)
Timothy De Rouen, Ph.D. (UW School of Dentistry/School of Public Health and Community Medicine)
Susan Heckbert M.D., Ph.D., M.P.H., (UW School of Public Health and Community Medicine)

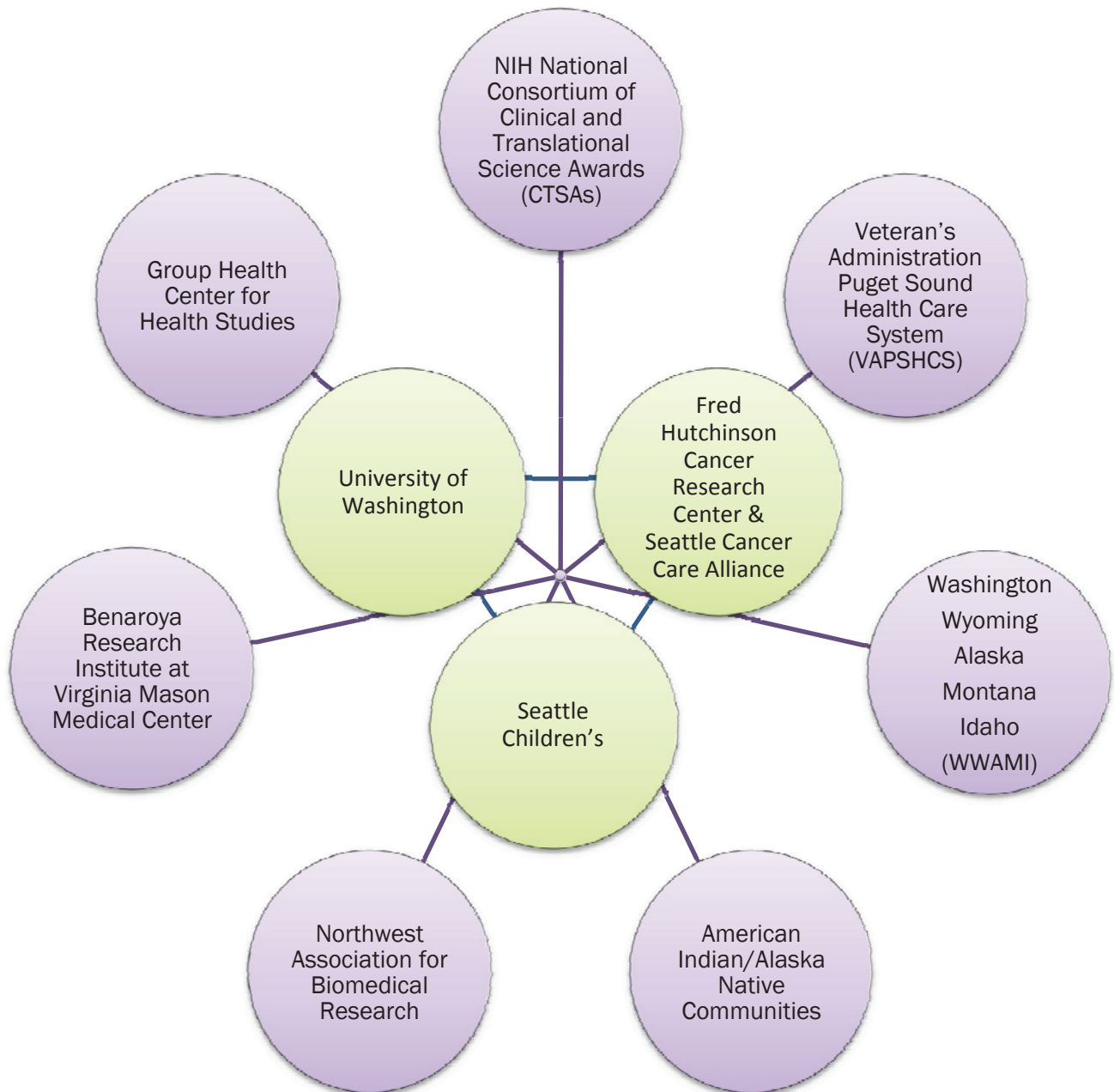
Strategic Development

Havivah Schwartz, Ph.D. (UW School of Medicine)

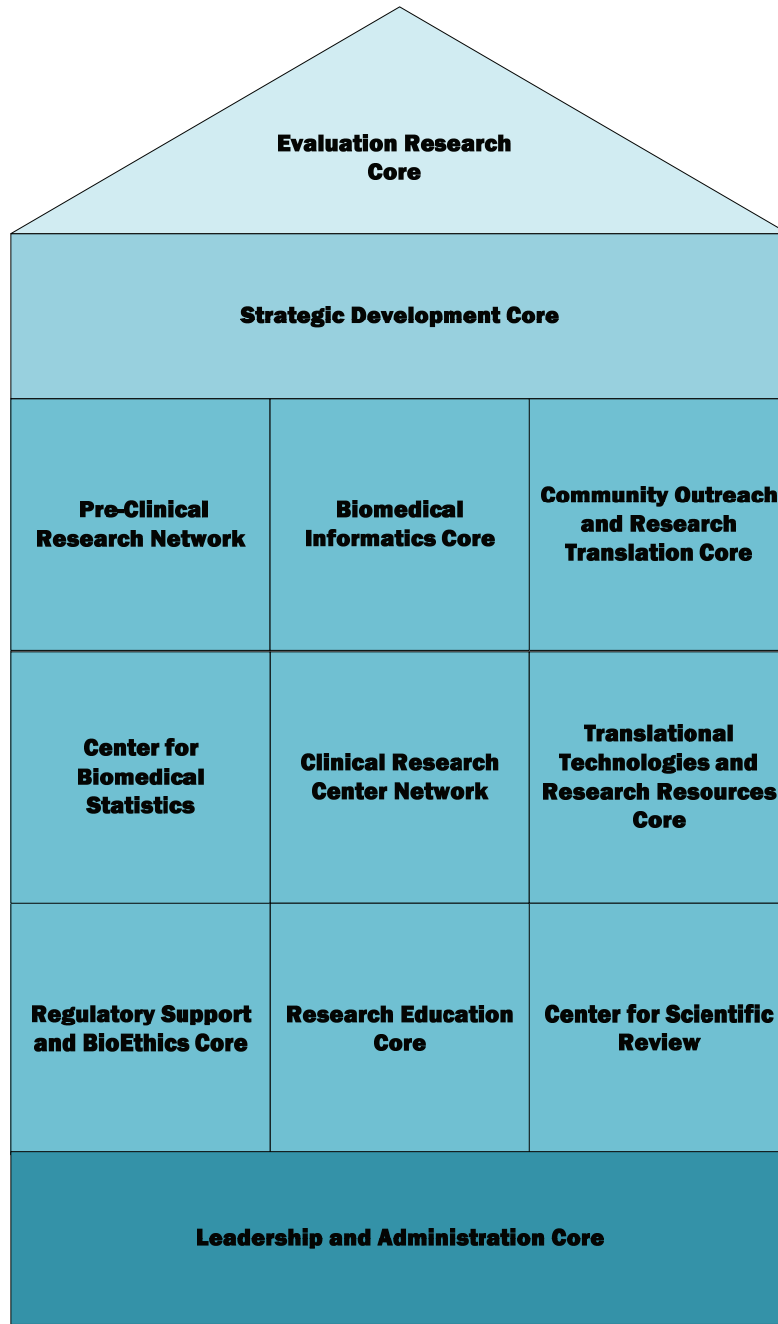
Translational Technologies & Research Resources

Janell Baldwin, M.B.A. (Fred Hutchinson Cancer Research Center)
Roger Bumgarner, Ph.D. (UW School of Medicine)
David Eaton, Ph.D. (UW Office of the Provost/School of Public Health and Community Medicine)

ITHS INSTITUTIONS & PARTNERS



OUR ORGANIZATION



"The Clinical and Translational Science Award (CTSA) initiative assists institutions to create an integrated academic home for Clinical and Translational Science that has the resources to train and advance multi- and inter-disciplinary investigators and research teams with access to innovative research tools and information technologies that apply new knowledge and techniques to patient care." (NIH CTSA RFA, 2008)

Foster innovative research and research partnerships

Pre-Clinical Research Network. Via education, consultation and funding, PCRN helps investigators prepare innovative ideas for human testing and commercialization.

Biomedical Informatics. BMI gives investigators biomedical informatics toolkits (both physical and intellectual) to manage and interpret complex data, and to allow data to be shared in a facile manner across ITHS sites and core functions. The BMI core also conducts research in bioinformatics data integration, clinical experimental management systems, ontologies and bioinformatics tool design.

Community Outreach and Research Translation. Using resources adapted from Group Health Center for Health Studies, research networks will be built in Native American/Alaska Native communities as well as in WWAMI clinical practice sites. The networks will perform and participate in ITHS research.

WWAMI Translational Research Consortium. Pilot program to create a research network among NCRR-funded programs to enhance collaboration and leverage resources in the Washington–Wyoming–Alaska–Montana–Idaho region.

Create and sustain research resources

Center for Biomedical Statistics. CBS provides investigators and trainees with statistical guidance and education regarding design and analysis options. CBS also collaborates with Biomedical Informatics on data collection and quality assurance review. CBS will engage in methodological research on topics inspired by interactions with ITHS trainees and investigators.

Clinical Research Center Network. A network of centers that offer physical locations where patients may be seen for research purposes; sample collection and storage; and capacities for therapeutic and specimen collection studies.

Translational Technologies and Research Resources. This core supports and enhances access to existing resources and fosters the development of new technologies and research partnerships. Key initiatives include providing an online database of resources, developing educational seminars in technology applications or novel technologies, and reducing institutional barriers to accessing shared resources.

Regulatory Support and BioEthics. The RSB Core provides assistance and education to help investigators improve quality and compliance with federal, state and institutional regulations. A new pool of research coordinators is available, as is assistance with developing or implementing data and safety monitoring plans and study-related documents. RSB also conducts research on bioethical issues in translational research and offers 24/7 on-call research bioethics consultation.

Ensure a translational research pipeline through robust education and career development programs

Research Education. This core offers TL1 (pre-doctoral) and KL2 (post-doctoral) programs, as well as a Master's tuition support program. The core will develop an ongoing training program in Clinical and Translational Research that will span from TL1 to established researchers. New programs include the week-long Clinical Research "Bootcamp."

Center for Scientific Review. CSR manages a series of review panels for pilot projects and ITHS resources. The core offers review services with other centers and programs. Young investigators learn grant review via the CSR.

Mentoring and Career Development. ITHS Scholar Program (open to all) to track junior investigators, offer them specific didactic training, create multidisciplinary mentoring committees, and support their career advancement.

Overall Foundation and Evaluation

Leadership and Administration. This core houses the overall direction, financial management and administration for the Institute. In addition, this core acts as an incubator for new programs such as Mentoring and Career Development and the WWAMI Translational Research Consortium.

Evaluation Research. This core qualitatively and quantitatively assesses the local and regional impact of ITHS initiatives and performs independent research on methods to facilitate the translational research process.

Strategic Development. To help the Institute unite toward common goals, this core provides an overall strategic mission filter, and a *Toyota Lean* continuous performance improvement program, in addition to a Portal service that helps investigators navigate the translational research environment.

2008 ENVIRONMENT SURVEY

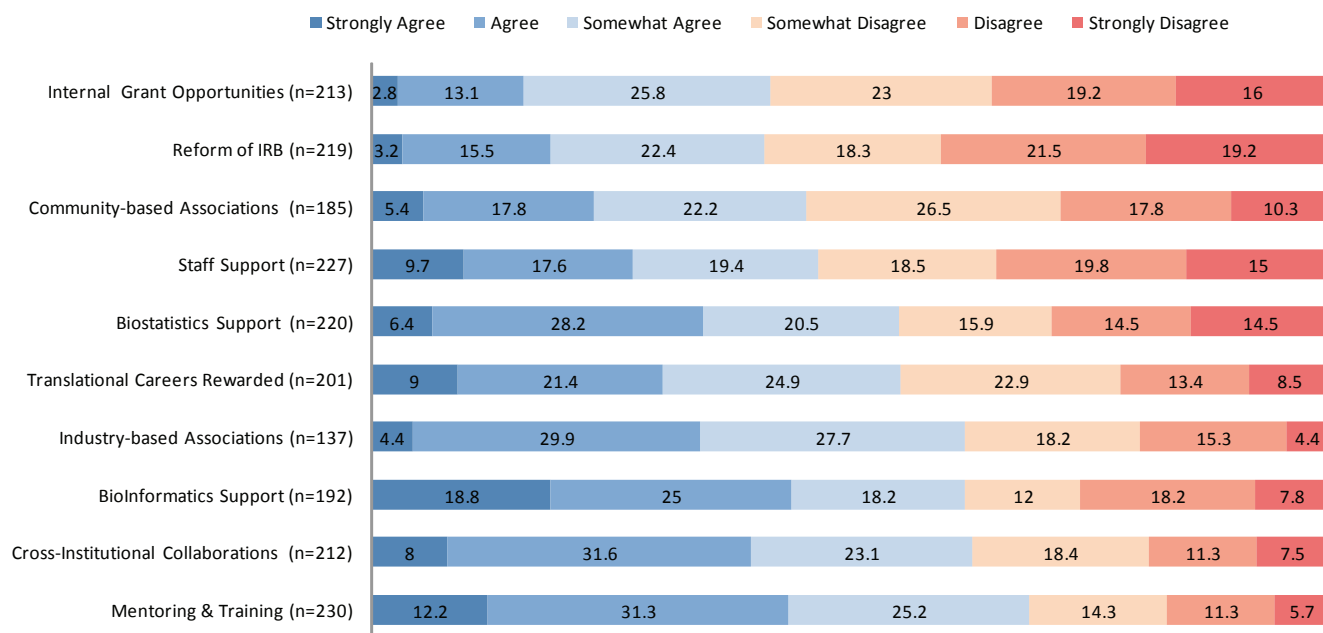
The ITHS is designed to be responsive to the needs of clinical and translational researchers in our environment and conducts annual and ad hoc surveys to assess research needs and priorities. The ITHS Evaluation Research Core's first annual environment survey from early 2008 demonstrates this effort. The survey recorded satisfaction, barriers and prioritization related to 10 key aspects of clinical and translational research. 240 investigators, trainees and research staff responded. They highlighted critical needs, particularly internal pilot research opportunities and staff support to assist in the conduct of research. Over 90% of the respondents rated these two areas as requiring improvement in the next 5 years. One respondent wrote, "Because of the extraordinary increase in work derived from regulations...we have opted to avoid human studies unless they are strictly and absolutely necessary, or somebody else is the PI and we just collaborate." Although there was considerable satisfaction with existing mentoring and biostatistical support, over 80% of respondents prioritized improvement in these areas. These four areas—pilot funding, staff and regulatory support, mentoring, and biostatistical support—formed key targets for the Institute's initial work.

In our first year, we:

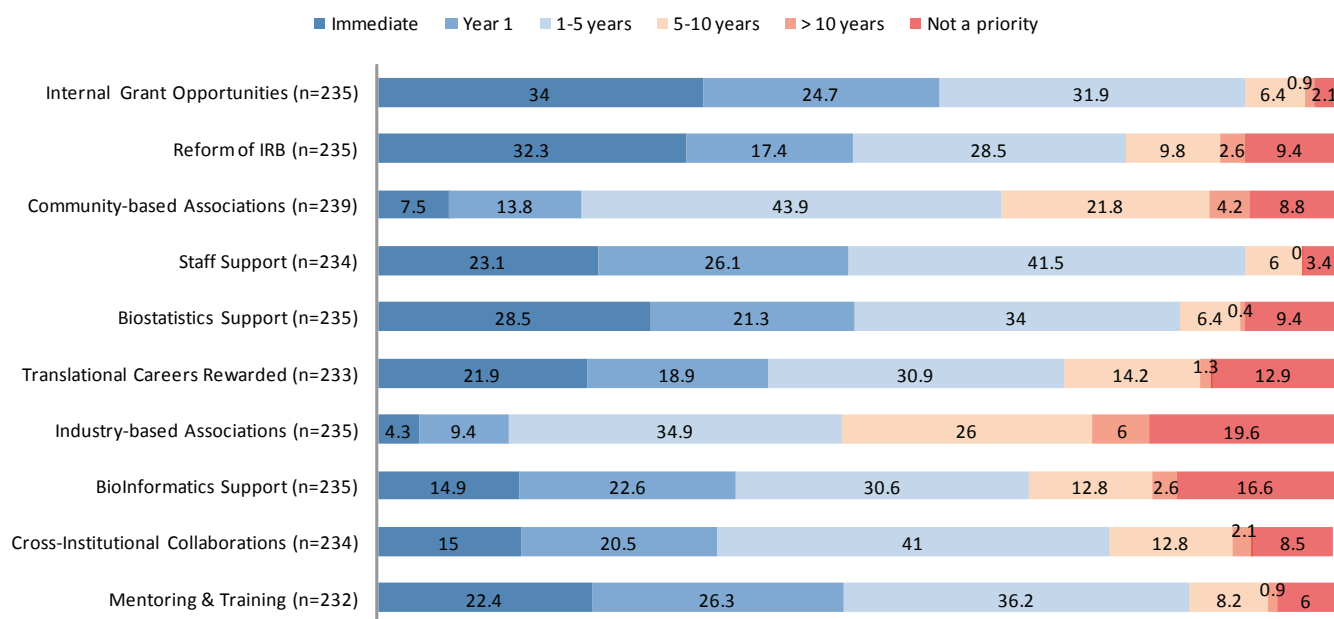
- Funded 47 grants for over \$500,000 (p.10)
- Developed a Research Coordinator pool and a variety of consulting services to assist with study design, regulatory guidance, and tools (p.12)
- Created the Center for Biomedical Statistics (p.13)
- Developed a mentoring program (p.17)

Among additional priorities, the most frequent recommendations coalesced around the theme of collaboration, with respondents expressing a desire for a "true collegial network of research in Seattle," and advocating that we "start to build a sense of being a team and of learning how to be excellent together, not just as individuals." ITHS programs and resources are designed to foster new collaborations among translational researchers and experts who can help them take their discovery into practice.

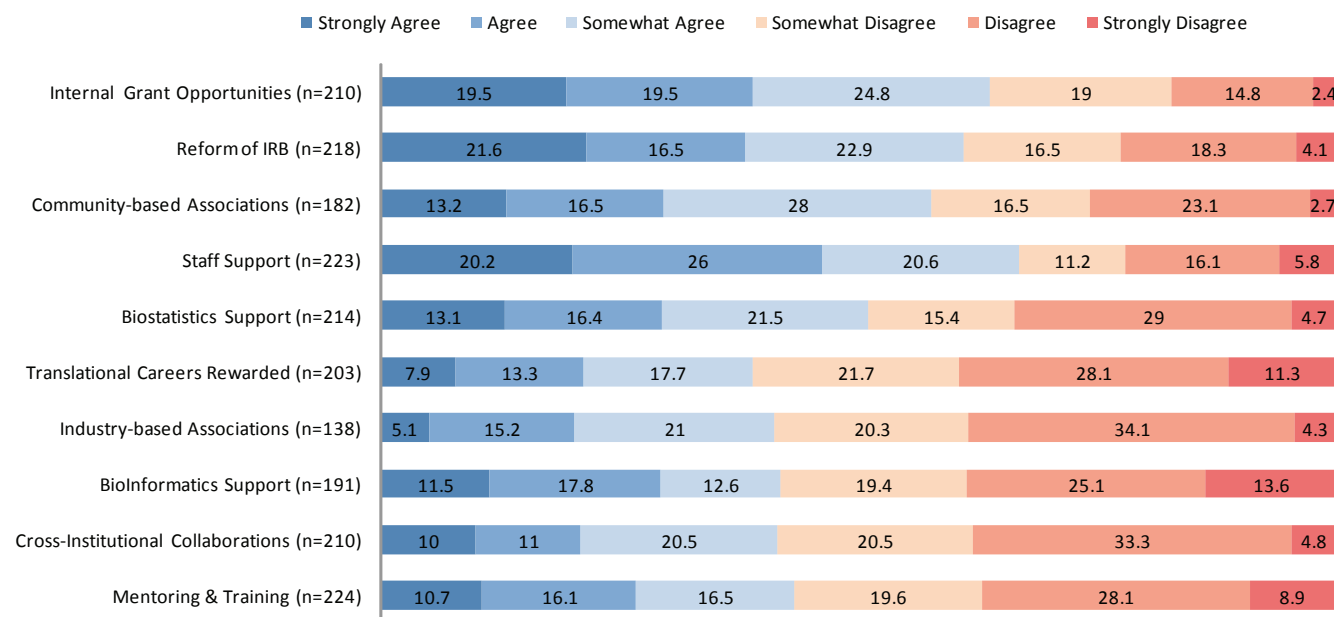
Areas of Satisfaction



Priorities for Improvement



Barriers



"I have trouble finding clinical collaborators - I don't know how to find and meet the people doing certain kinds of clinical work. Sometimes they find me, and we work together, but I haven't been able to find them. This is as much a problem finding clinicians at UW as in other institutions." (2008 Environment Survey respondent)

CREATING COLLABORATIONS

Regional Collaboration: WWAMI Translational Research Consortium

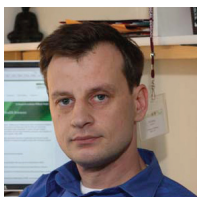
The five WWAMI states (Washington, Wyoming, Alaska, Montana and Idaho) are home to several academic research institutions. The WWAMI Translational Research Consortium has been created to identify and develop opportunities for leveraging NCRR-funded and other research infrastructure across the WWAMI states, and to facilitate collaborative, non-duplicative research and training in translational research. In addition to developing collaborative research proposals that draw on the strengths at participating institutions, the Consortium will explore opportunities to share core resources, pilot funding, and translational research training.

- The Consortium is an equal partnership of research programs and members.
- Initial Consortium activities throughout the region will include cataloguing and “advertising” resources and training opportunities in translational research; developing mechanisms for sharing core resources, pilot funding, and translational research training opportunities; and encouraging collaborative research proposals.

The Consortium Steering Committee meets monthly by teleconference and annually in person. Members include: Laura-Mae Baldwin, M.D., M.P.H., University of Washington; Caroline Bohach, Ph.D., University of Idaho; George Happ, Ph.D., University of Alaska – Fairbanks; Allen Harmsen, Ph.D., Montana State University; Linda Hyman, Ph.D., Montana State University; Mike Kavanaugh, Ph.D., University of Montana; Matthew McEchron, Ph.D., University of Wyoming; Jun Ren, Ph.D., University of Wyoming; Ken Roberts, Ph.D., Washington State University; John Slattery, Ph.D., University of Washington; Denny Stevens, M.D., Ph.D., VA Medical Center, Boise, Idaho; Dennis Valenzano, Ph.D., University of Alaska – Anchorage.

National Collaboration: CTSA Consortium

The ITHS is a member of a national consortium of Clinical and Translational Science Award (CTSA) grantees, sponsored by the National Center for Research Resources. The national consortium fosters collaborative projects among member sites to improve the national environment for clinical and translational research.



Dr. Nicholas Anderson, Acting Assistant Professor of Biomedical Informatics at the University of Washington, in collaboration with Dr. Jim Cimino and Mr. Michael Kamerick at the University of California San Francisco and Dr. Julie Rainwater at University of California, Davis, has been awarded an NIH Clinical and Translational Information Exchange Environment Pilot Grant to direct an information exchange environment across three CTSA sites.

This two-year contract will involve adapting the National Center for Biomedical Computing i2b2 (integrating Bench to Bedside) architecture to support cross-institutional translational research across the CTSA sites at these institutions. In partnership with Recombinant Data Systems, this team will pilot a federated query framework that supports knowledge discovery for small to medium sized groups of clinical investigators across these sites. Further information about this project can be gained by visiting the project website at www.i2b2cictr.org.

“This collaboration is an exciting opportunity to bridge technical, clinical, and cultural environments across three unique and geographically distributed institutions.” (Nicholas Anderson)

Collaborations with Research Centers, Institutes and Programs

As a collaboratory, the ITHS aims to help establish and sustain complementary cooperative networks and research programs, to improve the structures and resources that support and shape the lives of translational researchers across institutions. We share expertise; develop research, training and community collaborations; and leverage infrastructure. In the last year, the ITHS has assisted with the development of several new research programs and program proposals, including the Northwest Institute for Genetic Medicine (profiled below). We will continue to support further applications. Other examples include:

- Washington Chronic Kidney Disease Collaborative Network (Jonathan Himmelfarb, P.I.)
- Center for Intracellular Delivery of Biologics (Patrick Stayton, P.I.)
- Northwest Health Disparities Research Center to Reduce Kidney Disease (Bessie Young, P.I.)
- Health Promotion Research Center (Jeffrey Harris, P.I.)
- Center for the Study of Health and Risk Behaviors (Mary Larimer, P.I.)
- Center for Research on the Management of Sleep Disturbances (Margaret Heitkemper, P.I.)

Local Collaboration: Northwest Institute for Genetic Medicine

There is often a gap between basic-science research and clinical studies at academic institutions and research at biotechnology companies. The Northwest Institute for Genetic Medicine (NWIGM), under the direction of Dr. Gail Jarvik, recently received a \$5.3 million, four-year grant from the Life Sciences Discovery Fund (LSDF) to bridge that divide by facilitating the design, development, and execution of translational genetic studies. Study findings from the institute may help prevent adverse outcomes of medications and surgery, predict the most effective treatment for patients, and prevent disease in high-risk subjects.

Several ITHS leaders and faculty were part of the team that developed the proposal for the NWIGM and now participate in its leadership, including Drs. Michael Bamshad (Center for Clinical Genomics), Eric Larson (Group Health Center for Health Studies), Peter Tarczy-Hornoch (Biomedical Informatics), and Bruce Weir (Biostatistics). NWIGM seeks to



Left to right: Drs. Gail Jarvik, Bruce Weir, Debbie Nickerson, Michael Bamshad, Eric Larson.

advance genetic research and provides a way to connect others interested in genetic medicine to crucial ITHS resources. For example, the mutual leveraging of NWIGM and ITHS has allowed both to avoid redundant services while expanding ITHS capacity for research into genetic medicine and giving NWIGM the research resources and structural support it needs to operate effectively.

“Without ITHS-fostered relationships and the ITHS infrastructure, the [LSDF] grant would not have been written.” (Gail Jarvik)

FOSTERING INNOVATION

Small Pilot Project Grant

Pilot Grants are designed to assist investigators in obtaining preliminary findings, testing “proof of concept,” or conducting other research activities in preparation for developing competitive, full-scale grant applications. Typical awards are in the \$10,000 range, and projects are usually one year in length.

Examples of projects include:

- An investigation into the immunologic basis for the emergence of a dominant unit in double cord blood transplantation
- An evaluation of the brain local function of patients who are undergoing hunger response that correlates brain activity with serum signs of hunger
- A plan to develop an automated, low-cost, optical imaging method to assist in wound healing assessment
- A project translating an evidence-based intervention into Spanish for a high-need HIV population



Elahe A. Mostaghel, M.D., Ph.D. successfully proposed a pilot project to establish the feasibility of using a metabolomic approach in patients undergoing testosterone suppression to identify a blood-based metabolic profile of the tissue response to androgen suppression, as well as a metabolic profile indicative of increased cardiovascular risk. Dr. Mostaghel is an Assistant Member at the FHCRC and an Assistant Professor at the UW School of Medicine. She completed her residency in internal medicine at the University of California at San Francisco and a fellowship in medical oncology at the University of Washington. Clinically, she cares for patients with genitourinary cancers including prostate, bladder and testicular cancer.



Angela J. Peck Campbell, M.D., is using her pilot grant to test the development and feasibility of the self collection of respiratory samples for CF patients to perform at home and mail them for virus testing. Dr. Campbell is an attending physician at Seattle Children's Hospital, Acting Instructor in the Department of Pediatrics at the University of Washington, and Research Associate in the Clinical Research Division at Fred Hutchinson Cancer Research Center. Dr. Campbell's research focuses on factors that influence the acquisition of respiratory virus infection and disease progression among immunocompromised children and adults, with the goal to facilitate new diagnostic, preventive, and treatment strategies for respiratory virus infections.

ITHS Coulter Translational Fellowship

In the planning stages for the Clinical and Translational Science Award, we identified a gap in support for the scientist seeking to commercialize or license a biomedical innovation. Together with the Coulter Foundation, the Institute established the ITHS-Coulter Translational Fellowship to fund commercial analysis of up to four new biomedical projects per year. The ITHS-Coulter Fellowship is a new targeted category of the Fellowship Program in the UW Business School Center for Innovation and Entrepreneurship Fellowship Program, which supports second-year MBA students for a summer internship to develop marketing analysis, a marketing plan, and other materials for scientists seeking to translate their ideas for commercialization.



Rodney Ho, Ph.D. **Pressurized Olfactory Drug Delivery System for CNS Delivery:** Many neurological, analgesic, and cancer drugs do not reach the central nervous system (CNS) at safe and effective concentrations. With traditional oral or intravenous dosing, highly lipid soluble drugs must be delivered in high concentrations, at doses that may be toxic to the liver and other organs. Dr. Ho has developed a novel pressurized olfactory drug delivery (PODD) system that provides a unique opportunity for direct nose-to-brain delivery of CNS drugs. The ITHS-Coulter award was given to Michael Hite, an MBA student who performed a market analysis and drafted a business plan for Dr. Ho's invention. Dr. Ho is Associate Dean, Milo Gibaldi Endowed Professor of Pharmaceuticals and Director of the DNA Sequencing and Gene Analysis Center at UW. His research interests are in elucidating mechanisms of protein and drug disposition, and genetic basis of inter-individual variation in therapeutic responses.

Ignition Award Program

To foster preclinical work that has a high potential for translation to the clinic, the ITHS has developed the Ignition Award program, designed to provide support for generating preliminary data that will serve as the basis for submission of subsequent grants or clinical studies. Particular emphasis and priority are given to applications directed at the development of novel therapeutics such as small molecules or biologics. Proposals may be submitted by investigators from the UW, Fred Hutchinson Cancer Research Center, Seattle Children's, and other institutions within the WWAMI region.

In our first year, the ITHS co-sponsored an Ignition Award with the Washington National Primate Research Center. In 2008-2009, the Ignition Award will be a partnership with the UW School of Pharmacy, to support work that explores innovative areas of drug delivery, transport, metabolism, pharmacokinetics, or pharmacogenetics. Awards will be up to \$40,000.

Implantable Recurrent Brain-Computer Interfaces for Therapeutic Applications

Eberhard Fetz, Ph.D., received an Ignition Award to implant a microchip, called a novel brain-recurrent interface, that records activity in the brain and delivers a stimulus to the muscles. His original NIH research grant did not cover the costs of all the experiments needed and that the translational grant helps cover. The two-year Ignition Award of \$100,000 was co-sponsored by the ITHS and the Washington National Primate Research Center.

Dr. Fetz's research has two main potential applications. The neurochip provides an artificial connection between the brain and the muscles and thus bridges lost connections that might occur as a result of spinal injury. Additionally, the neural activity can produce plasticity by connecting two adjacent sites and introducing a stimulus across the connections, a process that strengthens weak connections, such as those that might occur as a result of stroke.

The ultimate goal of the research is to produce a more clinically applicable process: an electrode that sits on the brain rather than inside of it. This surface contact approach is being tested on monkeys to determine if the activity the pads record is specific enough. Dr. Fetz and his group are preparing an R01 application and plan to use the data collected from the Ignition Award research as preliminary evidence on feasibility.



Dr. Chet Moritz (left) and Dr. Eberhard Fetz (right) in their lab.

"For my lab it is a godsend to have this support." (Eberhard Fetz)

CREATING RESEARCH RESOURCES

Streamlining operations among existing resources

A key aspect of ITHS operations is to serve as a “living laboratory” to study the translational research process itself. One approach is the Toyota Lean method of evidence-based continuous improvement. Lean is a data-driven approach to optimizing productivity by eliminating wasted effort and resources. Lean methods are inclusive, engaging staff, leaders, managers, and customers in the improvement process. With the support of Seattle Children’s, the ITHS has begun to integrate Lean into our overall strategic development.

At the UW Clinical Research Center, Lean has been used to remove inefficient processes by implementing new systems that also resulted in better planning tools for the nurse managers:

- Pre-populated printed reports and barcode stickers replaced handwritten logs and plastic cards
- A visual grid displaying subjects, rooms, and research nurses replaced a daily schedule listing visits in a column
- Nursing overtime and per diems reduced by over 50%
- Inpatient and outpatient no-shows decreased
- Improved access and workflow for blood draws and added capability to do physicals
- Returned or recycled surplus equipment and over 150lbs. of excess and unusable forms

Planning is underway for additional Lean efforts for the Clinical Research Centers at the UW and Seattle Children’s.



The creation of the ITHS also provided the opportunity to streamline other resources and develop new collaborations:

Collaboration among therapeutic manufacturing units.

By coordinating personnel and procedures among three independent Good Manufacturing Practice (cGMP) facilities at the UW and FHCRC, the units achieve savings and reduce redundancy, especially in site management and the associated regulatory burden. The cGMP units offer investigators a comprehensive quality program for therapeutic product development conducted in Biosafety Level 2 and 3 cleanroom suites. Experienced research personnel offer regulatory oversight and extensive assistance, including product development consultation and training for investigator staff.

Nutrition, Body Composition and Bioenergetics Labs.

Collaboration with the UW Clinical Nutrition Research Unit has allowed the ITHS to broaden the scope of services for body composition testing, including a Bod Pod and extended staffing. Other services include a staffed research kitchen, nutrition assessment and dietary intake analysis, a DXA machine and equipment for VO2max testing and energy expenditure measurements.



Streamlined review at Clinical Research Centers. For investigators who plan to see patients for research purposes, it is now faster and easier to gain access to the Clinical Research Centers (CRCs) at the UW Medical Center and Seattle Children’s. By encouraging early discussion and eliminating redundant review of studies that had already obtained approval from select external scientific peer review committees, the new ITHS Center for Scientific Review has reduced start-up time. In the previous year, 71% (UW) and 85% (Children’s) of applications were approved with contingencies. In the first eight months using the new processes, contingency approvals dropped to 6% (UW) and 26% (Children’s). 88% (UW) and 69% (Children’s) of applications now gain approval on initial review.

In addition to the CRC units at the UW Medical Center and Seattle Children’s, the CRC Network includes the UW Regional Clinical Dental Research Center, Benaroya Research Institute at Virginia Mason Hospital, and the CRC at the VA Puget Sound Health Care System. The CRC Network offers inpatient and outpatient facilities, personnel skilled in therapeutic and specimen collections studies, and short-term specimen storage.

“The “how” of doing some of this work—how do you efficiently build an infrastructure that meets diverse needs of diverse stakeholders? How do you engage in a meaningful and mutually-beneficial partnership that doesn’t feel like one group is exploiting the other group? How do you develop robust data resources that comply with regulatory strictures but are reasonably easy to access?” (2008 Environment Survey respondent)

Creating new resources

In its first year, ITHS provided funding, leadership and infrastructure for several new research resources. One such innovation is the **ITHS Portal**, which helps investigators navigate our rich and dense translational research environment. The Portal is also the entry point to ITHS resources; get started by submitting an inquiry at www.iths.org or contact ithsnav@u.washington.edu.

Consultation during proposal and protocol development. All ITHS cores (page 5) assist investigators with new proposals by offering guidance on study design, regulatory preparation, data and safety monitoring, basic data management, community-based research, bioethics, evaluation research methods, drug and device development, and translation from preclinical work to clinical trial or commercialization.

Center for Biomedical Statistics. Faculty and staff biostatisticians collaborate with investigators on grant preparation, choosing statistical methods, determining sample size, randomization and blinding, electronic data capture, high-dimensional data storage, multicenter study coordination, data and safety monitoring, data analysis and cleaning and manuscript review.

Biomedical Informatics. The BMI core provides investigators with research access to Electronic Medical Records (see Amalga highlight below), and in collaboration with the Center for

Biomedical Statistics, BMI provides basic toolkits for electronic case forms, adverse event reporting, and data management. BMI is also researching methods in data integration, as in Dr. Anderson's national collaborative project (page 8).

Regulatory support and training and a Research Coordinator Core. Expert guidance is available to investigators in need of guidance in completing IRB and other regulatory applications, developing or implementing data safety monitoring plans and developing study related documents. A new Research Coordinator pool assists investigators with study start-up, implementation or close-out.

24/7 research bioethics consult service. ITHS bioethicists provide advice to ITHS members, research participants, families and communities, and IRBs who have questions that could benefit from in-depth conversation and analysis about ethical issues related to the development, implementation, or analysis of clinical research studies.

ITHS Biomedical Informatics and Microsoft Amalga

In September 2008, Microsoft, the University of Washington and the ITHS announced a new collaboration. For the full press release, go to: <http://www.microsoft.com/presspass/press/2008/sep08/09-30UWAmalgaPR.msp>

The UW and ITHS will use Microsoft Amalga, the unified intelligence system, in a research protocol designed to provide clinical and translational researchers with faster and more complete access than they previously had to electronic data stored on disparate systems. In the UW's complex academic systems, gaining access to aggregate views of data is time- and labor-intensive and hinders translational research with long lags between the time a researcher has a need for a particular data set and when access to the data set is provided. Microsoft Amalga is designed to provide ITHS researchers with the ability to comprehensively access, search and perform analysis on data stored in UW medical record systems, UW research laboratory systems and study data management systems.

For example, subject to institutional review board and Health Insurance Portability and Accountability Act (HIPAA) regulations, researchers will be able to quickly assess whether the UW patient population has the numbers to support a study testing a particular hypothesis or if there are new patients eligible for recruitment into a trial. Microsoft Amalga also will enable researchers to prospectively collect study-specific data that is not in the university's electronic medical record (EMR), collect biological research specimens for the study and link them to the study or patient — under approved research studies with appropriate consent — and generate reports appropriate for biostatistical analyses.

“The Amalga tool will improve the ability of ITHS to provide our researchers with access to all of the data they need when they need it, allowing them to conduct their work faster and more effectively.”
(Peter Tarczy-Hornoch, BMI Director)

NEW RESOURCE SPOTLIGHT

ITHS Translational Technologies and Resources

New technologies are changing the way translational research is conducted. It is now essential that any comprehensive translational research program provide investigators with access to the most recent technologies for analyzing gene expression, (re)-sequencing DNA on a large scale, and characterizing genetic variability in the human population. The Seattle area is fortunate to have several leaders in the development and implementation of genomics and transcriptomics technologies. Funding from ITHS and other groups has helped create a new resource to advance the application of these technologies in health research.

Center for Clinical Genomics

The study of human genetics has been infrequently applied to clinical research, but under the direction of Dr. Michael Bamshad and with ITHS support, the Center for Clinical Genomics (CCG) fills this gap. The CCG provides study design expertise and the infrastructure to collect, organize, and maintain a collection of clinical information and biologic materials from individuals with various conditions who have been identified during routine clinical care at the UW Medical Center, Seattle Children's, the Fred Hutchinson Cancer Research Center and Group Health.

CCG provides the following services:

- Assistance with experimental design of the genetic component of clinical studies
- Development and writing human-subject protocols
- Design of data capture forms and questionnaires
- Collection and tracking of phenotypic information
- Logistical coordination among regulatory boards, clinical centers, and research programs
- Identification of suitable technologies for processing and analyzing genetic material
- Identification of resources and colleagues from the UW Medical Center, Seattle Children's, and the Fred Hutchinson Cancer Research Center who can make available such technologies
- DNA extraction from a variety of tissues
- Tissue banking and long-term storage
- Support for management of clinical, sample storage, and genetic analysis data

Among the CCG's first 12 projects are the following two examples:

Genetic modifiers of cystic fibrosis (CF). Researchers at Seattle Children's are studying a group of 1,700 CF patients living throughout the United States to better understand health problems associated with CF disease. A major health problem in children with CF is a bacterial lung infection called *Pseudomonas aeruginosa* (Pa). Investigators are examining factors, such as nutritional status and genetics, that may influence time to Pa acquisition as well as the severity of the infection. This study may lead to the ability to predict the onset of infection and the development of preventive measures. The CCG is processing blood obtained from CF patients and banking DNA for future studies. The CCG is also providing guidance for the design of studies looking at genetic factors that may affect many other CF outcomes.

StarNet. StarNet is a science education curriculum developed by the UW Departments of Genome Sciences and Medicine, Division of Medical Genetics. The StarNet curriculum involves high school students in designing and implementing a research investigation, a case-control study aimed at detecting the association of genetic and environmental factors with smoking behavior. For this study anonymous adults complete a questionnaire and give a blood sample for DNA. Under the direction of their classroom teachers, students are carrying out several aspects of this investigation, including formulating hypotheses, helping design the questionnaire, genotyping samples, and analyzing data. The CCG is responsible for recruiting, enrolling, administering the questionnaire and collecting and processing blood samples from 250 smokers and 250 non-smokers living in the Puget Sound area.



Left to right: Sofia Husain, Mike Bamshad, Sarah Ruuska

INNOVATION THROUGH ACCESS

ITHS Technology Access Grants

One of the most vexing challenges for investigators wanting to incorporate new technologies into their translational or clinical research program is obtaining funds for “proof of concept” experiments. Funding agencies nearly always require an investigator to have preliminary data demonstrating that the new technology is available to them, yet resources to obtain these data are seldom available in existing grants. This is especially problematic for new investigators, who have neither the resources nor the experience to acquire such preliminary data. To help overcome this hurdle, the ITHS has established a fund to help investigators access technology resources and services for the purposes of gaining critical “proof of principle” experiments. Technology Access Grants offer up to \$10,000 to cover research services.

The goals of the Technology Access Grants Program are to:

- Encourage the utilization of the latest technologies and instrumentation into translational and clinical research.
- Foster collaborations between awardees and technology service providers.
- Promote the career development of junior faculty members in the ITHS.

In 2008, twelve grants were awarded, including the recipients featured below.



Tueng Shen, M.D., Ph.D., an Assistant Professor of Ophthalmology at UW, is hoping to revolutionize the approach to eye disease monitoring and treatment in the future. Using funds from the ITHS Technology Access Grant and collaborating with Electrical

Engineering assistant professors Brian Otis and Babak Parviz, Dr. Shen has utilized new imaging technologies in the Center for Nanotechnology to develop an artificial cornea, or contact lens, that will be able to sense and wirelessly report intraocular pressure and other measures of eye health.



Anne M. Stevens, M.D., Ph.D., is an attending physician at Seattle Children's Hospital and Assistant Professor at the UW School of Medicine. Her research interest is in the role that maternal cells play in the pathogenesis of autoimmune diseases.

The Technology Access Grant has enabled her to isolate single maternal cells in tissues, cut them out with a laser microscope, and isolate their RNA and DNA for analysis.



Kristina Utzschneider, M.D., is an attending physician at VA Puget Sound and an Assistant Professor of Medicine at UW. She is researching insulin sensitivity and glucose metabolism in conditions of chronic liver disease.

With the support of a Technology Access Grant and in conjunction with the VA Memory Wellness Program, she is measuring liver fat using magnetic resonance spectroscopy imaging techniques to quantify the amount of fat in the liver before and after 4 weeks on either a high fat/high saturated fat diet or a low fat/low saturated fat diet in older subjects.

“With the support of a Technology Access Grant...I will be able to learn much more about what kinds of maternal cells are in the tissues and what functions they may be serving to help or harm the child.” (Anne Stevens)

RESEARCH EDUCATION

The explosion of biological knowledge and technology outpaces the current health care delivery system. The ITHS KL2, TL1, and Tuition Fellows education programs help create the interdisciplinary clinical and translational research workforce of the future.

KL2 Multidisciplinary Clinical Research Career Development

The KL2 program helps post-doctorate scholars from all health professions acquire depth in a specific area of research, and also breadth of knowledge about the full spectrum of clinical investigation. Most Scholars obtain a Masters degree from the School of Public Health or the School of Pharmacy.

TL1 Multidisciplinary Pre-doctoral Clinical Research

The ITHS TL1 training program provides core curriculum and interdisciplinary clinical and translational research experience to pre-doctoral students in the health professions through either a summer program or a year-long certificate option.

ITHS Tuition Fellows

The ITHS Fellows Program supports physicians and other health-care professionals who wish to become independent clinical researchers. Each year the program provides tuition support for four quarters to five fellows whose training will lead to an MS or MPH degree in Epidemiology or Health Services.



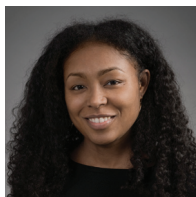
Dan Doherty, KL2 Scholar
Pediatrics, UW School of Medicine

Daniel Doherty, M.D., Ph.D., is an Assistant Professor of Pediatrics. He is a developmental pediatrician focusing on Joubert Syndrome (JS) and related cerebellar malformation disorders. This project involves collecting medical records and blood samples from multiple families with JS and carrying out a genome-wide scan for regions of haplotype sharing in pedigrees with consanguinity. The study aims to find mutations leading to JS in specific functional and positional candidate genes. His work has been published in *Nature Genetics* (July 2007).



Helen (Trez) Buckland, TL1 Trainee
(year-long)
UW School of Nursing

H. Teresa “Trez” Buckland, M.Ed, Ph.C., is a Clinical Assistant Professor in the UW School of Public Health and a Project Coordinator in the School of Nursing. Her training is in health education and counseling. She is researching the definition of happiness as experienced by young adults, ages 18-35, with schizophrenia or schizoaffective disorder while also investigating the potential of Appreciative Inquiry, a strength-based methodology, as a treatment strategy.



Amelia Gavin, KL2 Scholar
UW School of Social Work

Amelia Gavin, M.S.W., M.P.P., Ph.D., is an Assistant Professor in the School of Social Work. Her training is in both political science and social work. Her research efforts include investigating health disparities among African Americans, particularly the role of socioeconomic position across the life course in the incidence of depression, and the association between depression during the prenatal period, childhood socioeconomic position, and preterm delivery when African American women report life event stress.



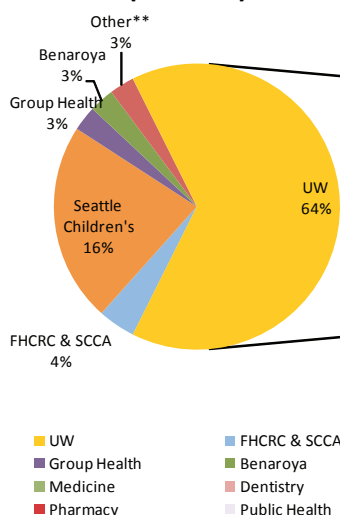
Bart Scott, ITHS Tuition Fellow
FHCRC, General Oncology and Hematology

Bart Scott, MD, is an Assistant Professor of Medicine at the University of Washington School of Medicine and an Assistant Member of the Clinical Research Division at the Fred Hutchinson Cancer Research Center. His clinical expertise is in myeloid malignancies and the focus of his research is the design of clinical studies for patients with myeloid malignancies. He is currently investigating the field of stem cell transplantation and novel therapeutics for myeloid malignancies.

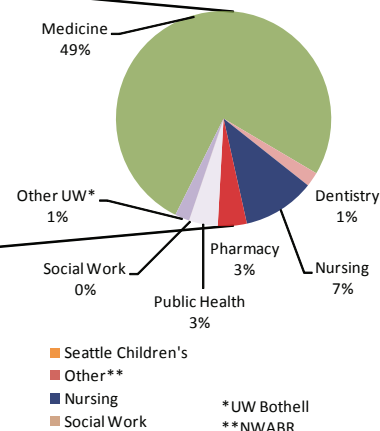
ITHS Clinical and Translational Research Bootcamp

Incoming and novice researchers often lack a general orientation in clinical and translational research. To address this need, ITHS developed an intensive one-week clinical and translational research Bootcamp that consists of a series of mini-courses to introduce specific subject areas such as biostatistical concepts, clinical epidemiology and study design, ethical issues in research on human subjects, grantsmanship, randomized clinical trials, regulatory issues, and scientific writing. The Bootcamp includes seminars with successful investigators. The lectures will be available via streaming video. The first Bootcamp was held September 15-19, 2008, and the program will be held annually.

Bootcamp Attendees 2008, (71 total)



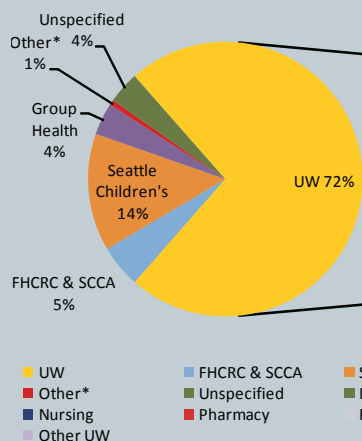
Bootcamp Attendees Detail, UW Schools, (46 total)



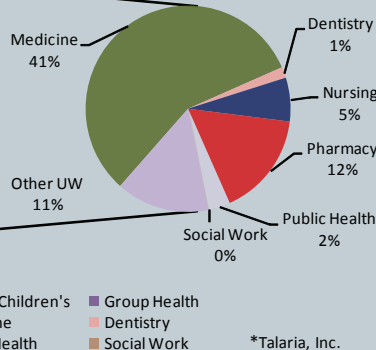
ITHS Clinical Research Education (CRE) Series

Staying abreast of industry regulations and standards is a necessary part of any successful clinical research agenda. The ITHS CRE offers a new monthly seminar series for investigators, scholars, and research staff who wish to gain continuing education in research regulations and conducting studies in compliance with Good Clinical Practice standards.

CRE Attendances, July-Oct. 2008 (155 total)



CRE Attendance Detail, UW Schools (116 total)



Mentoring and Career Development

To assist junior investigators in becoming self-sustaining and successful in their translational health sciences careers, the ITHS created a Mentoring and Career Development program. Junior faculty, fellows and postdocs are invited to contact the ITHS Portal to be connected with a mentor, participate in pilot grant reviews through the ITHS Center for Scientific Review, and learn about ITHS career development events. Among our first events were a Grantwriting Workshop and a Mentor-Scholar Retreat. Attendees at ITHS career development events have represented 8 institutions and all 6 UW Health Sciences Schools.

"In a short amount of time, Boot Camp provided a good foundation and a lot of information about translational research and how to do it through the ITHS." (2008 Bootcamp attendee)

COMMUNITY PARTNERS

The ITHS Community Outreach and Research Translation (CORT) core aims to increase community participation in all stages of research, foster research relevant to community needs, and promote uptake of research findings in diverse health care settings. CORT joins three large communities.

Group Health Center for Health Studies

Group Health Center for Health Studies (CHS) is the research arm of Group Health, a large consumer-governed health maintenance organization with a well-organized provider group. CHS is also a member of the national HMO Research Network. CHS evaluates prevention and treatment interventions for the health problems of its service community, organizes delivery systems to improve the health of entire populations, and translates scientific knowledge into clinical practice. This work has led CHS to develop tools and methods that will be adapted to the needs of American Indian/Alaska Native communities and WWAMI practices.

American Indian/Alaska Native communities

Washington, Wyoming, Alaska, Montana, and Idaho have a population of over 400,000 American Indian and Alaska Natives. We are working to engage and form collaborative research partnerships with American Indian and Alaska Native communities in the WWAMI region. We aim to help create new health research networks involving these communities and develop a bi-directional relationship between American Indian and Alaska Native communities and other ITHS members to ensure the relevance of translational research for clinical practice and community members.

WWAMI

The educational and practice network in the WWAMI region (Washington, Wyoming, Alaska, Montana, Idaho) serves and trains physicians for a widely dispersed and largely rural region in the Pacific Northwest covering 27% of the US land mass. Compared with 19% of the overall U.S. population, 26% of the population in the WWAMI region lives in rural areas, and over half of these individuals live in small or isolated rural areas. We are working to engage and form collaborative research partnerships within the WWAMI region's clinical practices based in primary care training programs.

American Indian/Alaska Native Community Partner Profile: The Makah Tribe

The ITHS Community Outreach and Research Translational (CORT) core is strengthening existing partnerships and developing new connections between the UW and American Indian/Alaska Native communities. The Makah Indian reservation is located on the northwestern point of the Olympic Peninsula in Washington State. It covers 47 square miles of forests, mountains, wetlands and beaches. The reservation is remote; its closest cities are Forks, approximately 60 miles south, and Port Angeles, over 100 miles west. There are approximately 2400 Makah tribal members, of which over one-half live in Neah Bay.

Makah reservation residents, both tribal and non-tribal, receive health care at the small but bustling Sophie Trettevick Indian Health Clinic. The clinic is staffed by 37 employees and provides family medicine, pharmacy, laboratory, x-ray, and dental care on site. Through its existing telehealth partnership with UW's Native People for Cancer Control, cancer education, support groups, and case management services are provided to community members.

The Makah Tribe is an active partner of the ITHS CORT. CORT activities with the Makah Tribe include the exploration of a partnership with the UW Rheumatology Clinic, including research and health services and a partnership with the UW Rural Adult Nurse Practitioner Program. The Sophie Trettevick Indian Health Clinic is also a potential pilot site for an ITHS data sharing project with CORT and the ITHS Biomedical Informatics Core.

WWAMI Partner Profile: Idaho State University Family Medicine Clinical Research Center

In 2008, the UW Family Medicine Residency Network unanimously approved a pilot project to develop a practice-based research network in the WWAMI region. Focused on teratogens and contraceptive adequacy, the pilot study was launched in collaboration with fifteen WWAMI region-based practices. Network practice members have provided input on study tools (such as data abstraction forms and worksheets and a coding manual) and methods for the pilot project. The Network's Steering Committee includes Drs. Rex Force (Pocatello, ID) and Janelle Guirguis-Blake (Tacoma, WA) from the practice sites. Additional practice representatives serve on a network Advisory Committee: Drs. Jacintha Cauffield (Vancouver, WA), Deb Gould (Yakima, WA), Ron Healy (Anchorage, AK), and Rob Monger (Cheyenne, WA).



The Department of Family Medicine at Idaho State University (ISU) opened its doors in 1992 and has been affiliated with WWAMI ever since. Shortly thereafter the clinical research arm of the department was christened. Rex W. Force, Pharm.D., a clinical pharmacist recently out of a research fellowship at Ohio State University was hired with the mandate of developing a research program. Under his leadership, the ISU Family Medicine Clinical Research Center has sought opportunities to participate in multicenter clinical trials measuring cardiovascular outcomes, studying heart failure, and researching cardiovascular risk reduction. Recently, the Center has begun participating in a trial evaluating treatment in type 2 diabetes. Dr. Force also collaborates with researchers from ISU's College of Pharmacy in the area of drug use review and pharmacoepidemiology.

"The ITHS has created fantastic opportunities for collaboration. The research network of the WWAMI Residencies allows for an exciting exchange of ideas and experiences as well as more opportunity. This isn't possible when when programs work independently." (Rex Force)

Northwest Association for Biomedical Research

To heighten public awareness of the benefits of research, the ITHS also partners with the Northwest Association for Biomedical Research, a non-profit created in 1989 whose diverse membership spans academic, industry, non-profit research institutes, health care and voluntary health organizations. All NWABR programs are dedicated to promoting the understanding of biomedical research and its ethical conduct.

With ITHS support, NWABR has been able to expand the 'Speakers' Bureau, speaker trainings, and science cafe programs. These programs demystify science by bringing scientists face to face with students and the public. New community partnerships with Gilda's Club, Seattle CityClub, and Union Church strive to create salient community forums addressing clinical trials and the biomedical research process. NWABR also helps connect national CTSAs by recommending adoption of common metrics to evaluate the impact of community forums addressing low participation rates in clinical trials. NWABR is the recipient of a new five-year Science Education Partnership Award (SEPA).



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Dennis Dyck, Ph.D. (Washington State University)
Tom Hansen, M.D. (Seattle Children's)
Leland Hartwell, Ph.D. (Fred Hutchinson Cancer Research Center)
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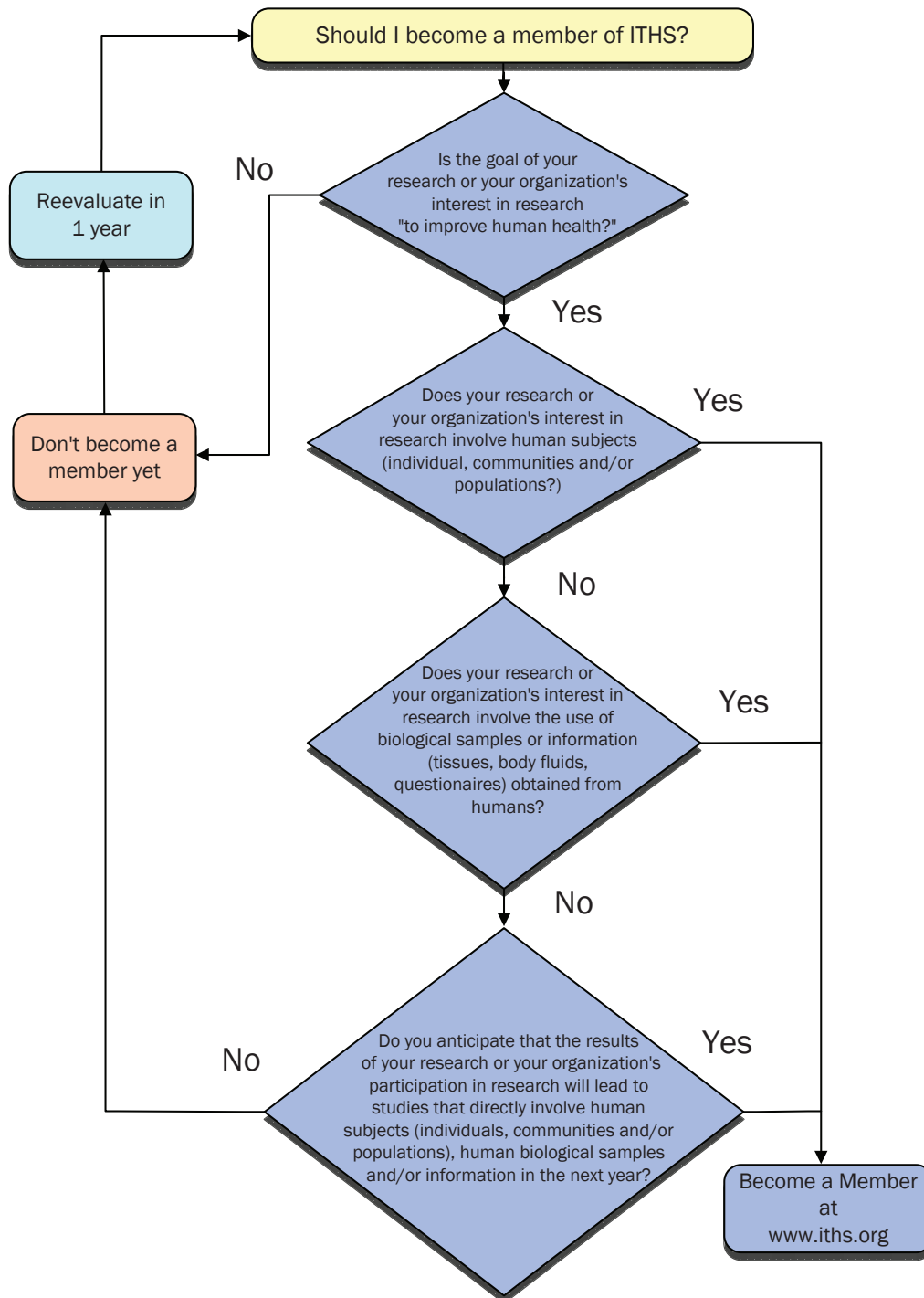
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Martin Cheever, M.D. (Fred Hutchinson Cancer Research Center)
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SHOULD YOU BECOME A MEMBER?



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Institute of Translational Health Sciences



ITHS

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ITHS Core and Program Structure

Administration: Portal and Program Incubator

Innovative Research and Research Partnerships

Pre-clinical Research
Network

Biomedical Informatics

Community Outreach
and Research
Translation Core

Research Resources

Clinical Research Center
Network

Translational
Technologies and
Resources Core

Center for Biomedical
Statistics

Regulatory Support and
Bioethics Core

Education and Career Development

Short Courses

TL1

Tuition Support

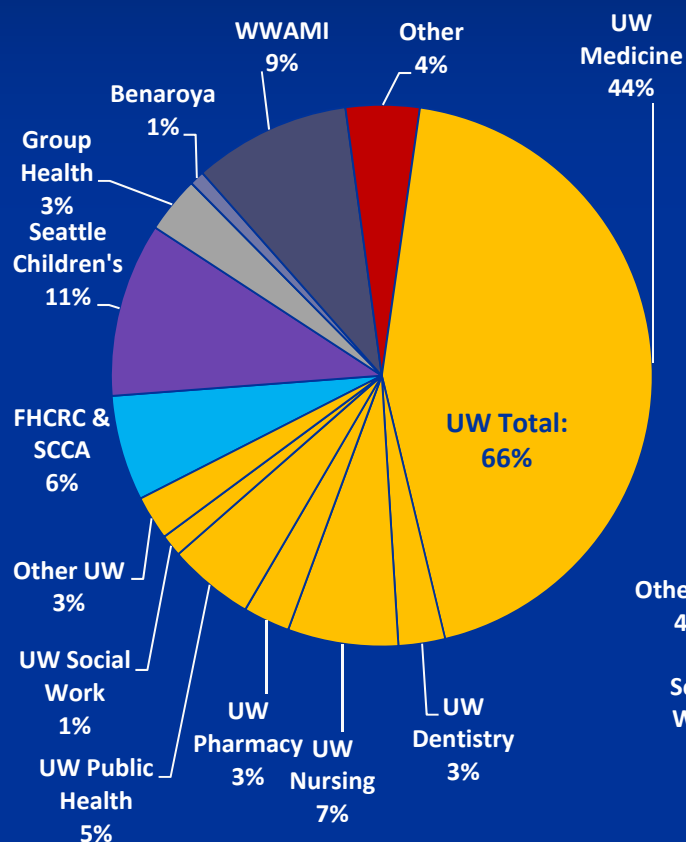
KL2

Overarching Mentoring
Programs

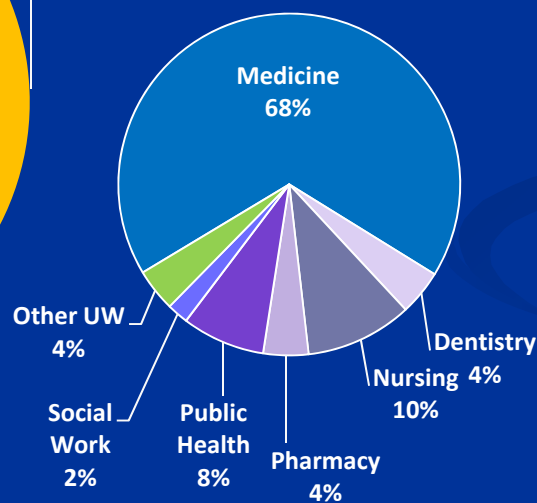
Strategic Development and Evaluation

ITHS Membership: Demographics

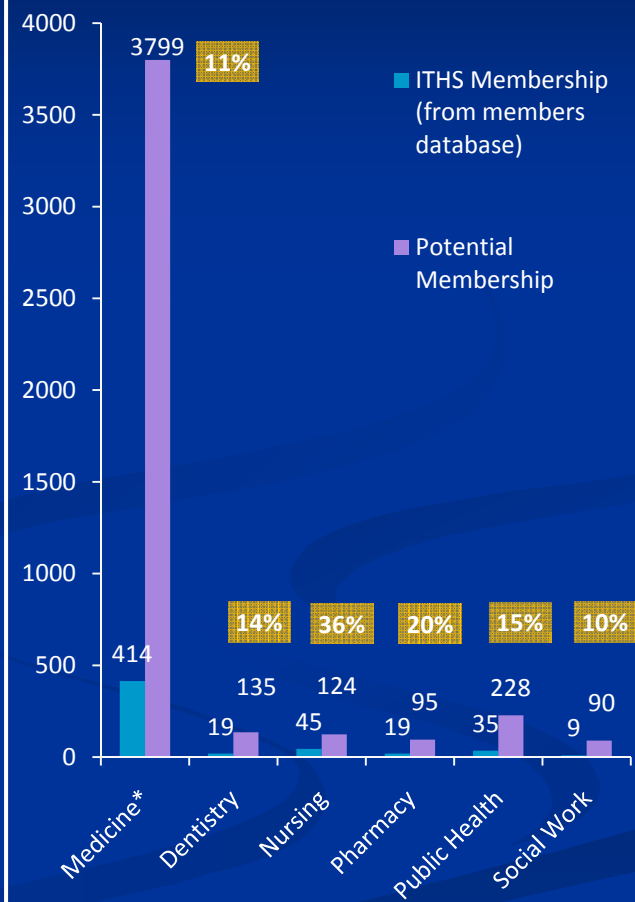
**ITHS Membership
(682 total)**



UW Detail (445 total)



**Potential Membership
UW Schools**

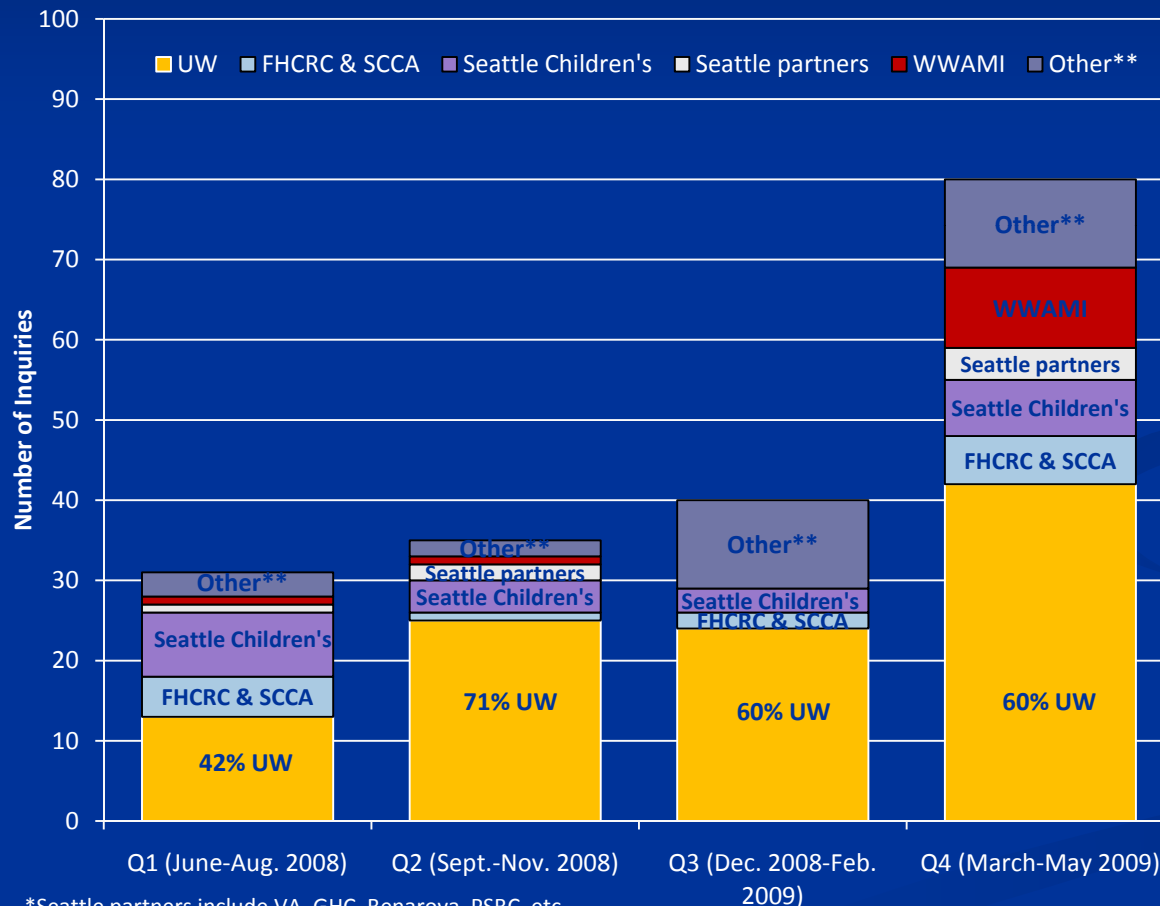


*In this graph, the Medicine data include researchers who are affiliated with SOM but whose primary location is elsewhere (e.g., SCCA, Children's). This expanded definition enhances consistency between our member data and the SOM reports, which do not distinguish between primary and secondary affiliations.

ITHS Consult Services

ITHS Portal Service

Portal Inquiries by Quarter*



Sample inquiries:

- Support development and continuation of research programs (e.g., 2 LSDF proposals funded -Jarvik, Stayton)
- Find collaborators and mentors
- Find technical resources and services for project
- Help with a proposal
- Find research training
- Find funding

*Seattle partners include VA, GHC, Benaroya, PSBC, etc.

**Other includes international and small business inquiries and questions from the general public.

Regulatory and Bioethics Support

1. Research bioethics consultation
2. Data safety and monitoring plan (DSMP) development
3. Regulatory consultation visit program
4. Drug and device (preclinical) development
5. Investigational new drug applications - preclinical regulatory support
6. Therapeutic manufacturing (Biosafety level 2 & 3, regulatory support, etc.)

Highlights to date:

- Cross-institutional investigator clinical research training program
- 8 junior investigators thru educational monitoring program
- Established a research coordinator core
- Supported 4 IND submissions
- Supported 2 SBIR submissions

Research Lab Services

1. Lab instrumentation and techniques
2. Scientific instrumentation data access
3. Bionutrition and body composition consultation

Working in the Community

1. Conducting practice-based research
2. Building partnerships with American Indian/Alaska Native communities

Highlights to date:

- Created an institutional technology inventory with searchable web tool
- Support Center for Clinical Genomics
- Technology Resource Coordinating Committee
- Combining and enhancing core resources
- Established WWAMI Practice Based Research Network
- Launched pilot of Data-Quest at key WWAMI practice sites

Study and Data Management

1. Study data management tools
2. Computing and IT support for clinical and translational research
3. Accessing electronic medical record (EMR) data
4. Evaluation (surveys, interviews, etc.) support
5. Biomedical statistics
6. Research coordinator pool

Highlights to date:

- Launched the Center for Biomedical Statistics
- Informatics consults, >1500 hrs, 4 funded grants
- Electronic tools for clinical trials management
- Amalga collaboration with Microsoft
- 110 biostatistical consults, >1000 hours

ITHS Resources

Directory of Technology Resources

Directory Of Technology Resources

We facilitate access to laboratory and clinical research resources across the greater Pacific Northwest region. Below are resources provided by our member institutions. You may also directly browse [Fred Hutchinson shared resources](#) and [Seattle Children's resources](#).

If you prefer, browse resources by location.

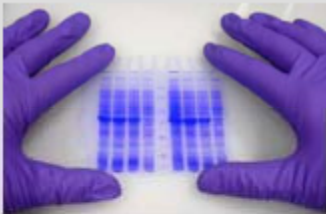
To add a new resource, [submit a resource center](#) for consideration.

Search for:

Category of resources:
<Any> ▼

Campus location:
<Any> ▼

Services provided:
<Any> ▼



Animal/Living Organisms (bacteria, yeast, nematodes, flies, plants, fish, mice, etc.)

- BioMolecular Imaging Center
- CEEH Analytical Cytology Core (Facility Core 3)
- Center for Nanotechnology
- Center on Human Development and Disability
- Keck Microscopy Facility
- Mouse Behavioral Core
- Mouse Metabolic Phenotyping Center
- Small Animal Tomographic Analysis Facility (SANTA)
- Transgenic Resources Program
- UW Superfund Basic Research Program
- Washington National Primate Research Center

Biological Macromolecule Analysis (proteomics, x-ray crystallography, NMR spectroscopy, etc).

- BioSpectroscopy Core Research Facility
- CEEH Functional Proteomics Core

Highlights to date:

- Currently 52 UW resources listed plus resources in region
- Includes 22 resources for data management/statistical analysis/informatics
- 8 resources have biological sample archives
- Collecting WWAMI resources for entry

www.iths.org

April 1, 2009

Clinical Research Resources

1. Benaroya Research Institute Clinical Research Center
2. Bionutrition research
3. Body Composition/Bioenergetics and Exercise Core Labs
4. Center for Clinical Genomics
5. Pediatric Clinical Unit at Seattle Children's Hospital
6. Therapeutic Manufacturing Gene and Cell Therapy Laboratory
7. University of Washington's Regional Clinical Dental Research Center (RCDRC)
8. UW Clinical Research Center (CRC)
9. VA Puget Sound Health Care System Clinical Research Unit

ITHS Grant Programs

Small Pilot Project Grants

Twice yearly

10K

Technology/Resource Access Grants

Three times/yr

10K

Ignition/Primate Center Award

Annually

100K

ITHS Pediatric Small Grants

Annually

20K

ITHS Ignition/Pharmacy Award

Annually

20-40K

Highlights to date:

- In first 20 months, ITHS awarded 75 grants for \$1.23M to investigators representing 9 institutions
- Funding level 20-35% depending on mechanism
- Training program for grant review
- Mentor program for those grants that miss funding

ITHS Educational Programs

Degree and Certificate Programs

Predoctoral Multidisciplinary Clinical Research Training - offered as both a summer and a 12-24 month certificate-degree program.

Postdoctoral Clinical Research Career Development - multidisciplinary program, up to 5 years in length.

ITHS Tuition Support Fellowship - provides tuition support for MS or MPH degree in Epidemiology or Health Services from the School of Public Health and Community Medicine.

New Seminars and Short Courses

ITHS monthly Clinical Research Education Series - A seminar series for investigators and research staff that features 23 clinical and translational research topics to be presented over two year cycle.

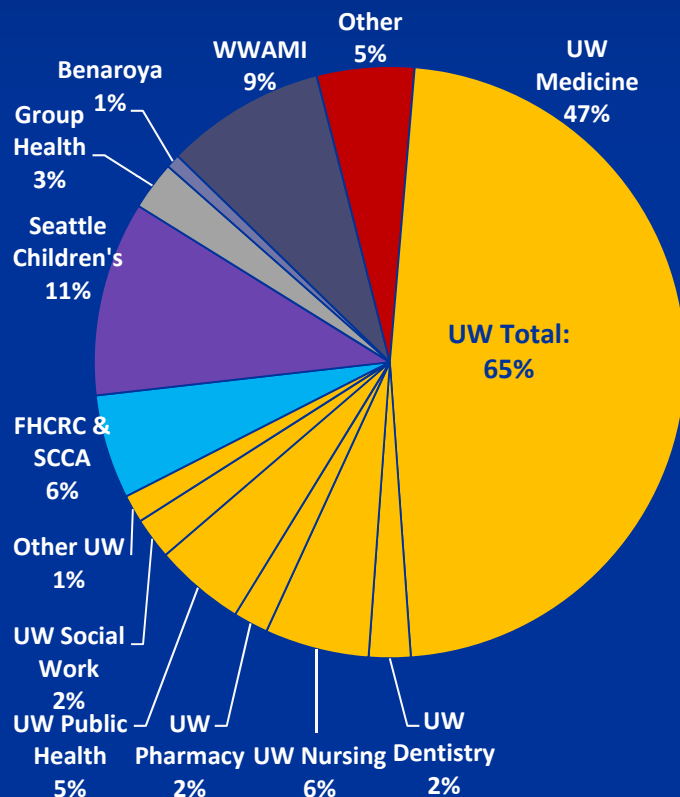
ITHS monthly Career Development Series for Scholars - A seminar series for scholars that features topics such as grant-writing, writing for publication, presenting at scientific meetings, and more.

ITHS annual Boot Camp - A yearly camp, held in September, that provides an orientation to clinical and translational research for incoming and novice researchers or those with clinical and translational research interests.

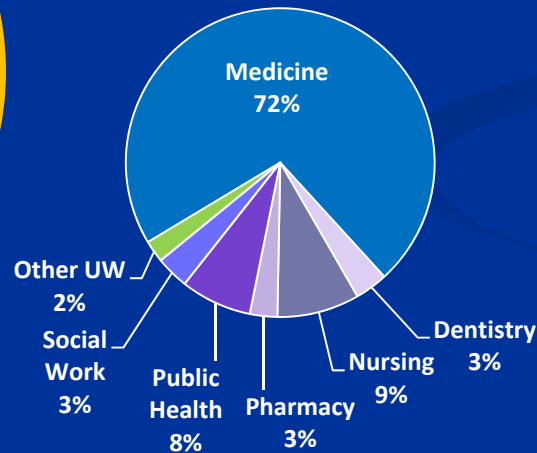
Educational Clearinghouse

Mentoring Program

ITHS Scholar Members by Institution (263 total)



UW Detail* (174 total)



Highlights to date:

- Multi-disciplinary mentoring teams
- Mentor the mentor program
- Training in grant review
- Grant writing assistance
- Career development seminar series
- Grant writing course

ITHS Research

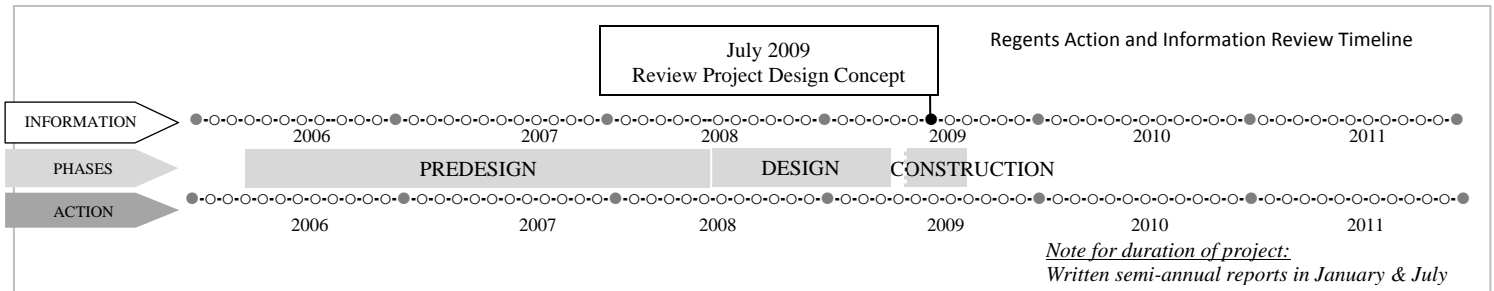
- Bioethics of specimen repositories
- CPI optimizing translational research
- Discovery to health application...

IV. REPORT OF THE CHAIR OF THE BOARD OF REGENTS

Special Committee on the Future of the Metropolitan Tract Report

This will be an oral report for information only.

V. REPORT OF THE UNIVERSITY PRESIDENT

Medal of Honor Memorial: Review Project Design ConceptINFORMATION:

The purpose of this presentation is to review the project design concept for the Medal of Honor Memorial to be constructed at the south end of Memorial Way on the Seattle Campus.

BACKGROUND

The idea of the Medal of Honor Memorial began in February 2006 as a resolution before the Associated Students University of Washington (ASUW) Senate to create a memorial honoring Colonel Gregory “Pappy” Boyington. This idea expanded in April 2006 with the passage of a resolution in the ASUW Senate to honor all University of Washington alumni who have received the Medal of Honor. Proposed locations included Red Square and the west wall of Kane Hall. Later the traffic circle at the south end of Memorial Way was selected. The artists for the project are Mike McGrath and Heidi Wastweet with Dodi Fredericks, Landscape Architects, all of Seattle, Washington.


SCHEDULE:

Preparation and fabrication of the artwork will be ongoing during the summer of 2009. Onsite installation and site work will be from August 21 to September 25, 2009. The dedication of the memorial is planned for Veterans Day, November 11, 2009.

Pre-design	April 2006 – July 2008
Artist Selection	July 2008
Design	July 2008 – May 2009
Construction	June 2009 – September 2009
Dedication	November 11, 2009

PROJECT BUDGET AND FUNDING:

The total estimated cost for the project is \$151,000. The project is donor funded.

The background of the slide features a large, semi-transparent image of a Medal of Honor. The top portion shows the wide, light blue ribbon with its characteristic white stars. Below the ribbon is the gold medal, which depicts an eagle with wings spread, perched atop a shield. The shield is inscribed with the word 'VALOR'. The entire medal is set against a light gray background.

Medal of Honor Memorial

Board of Regents Briefing
July 16, 2009

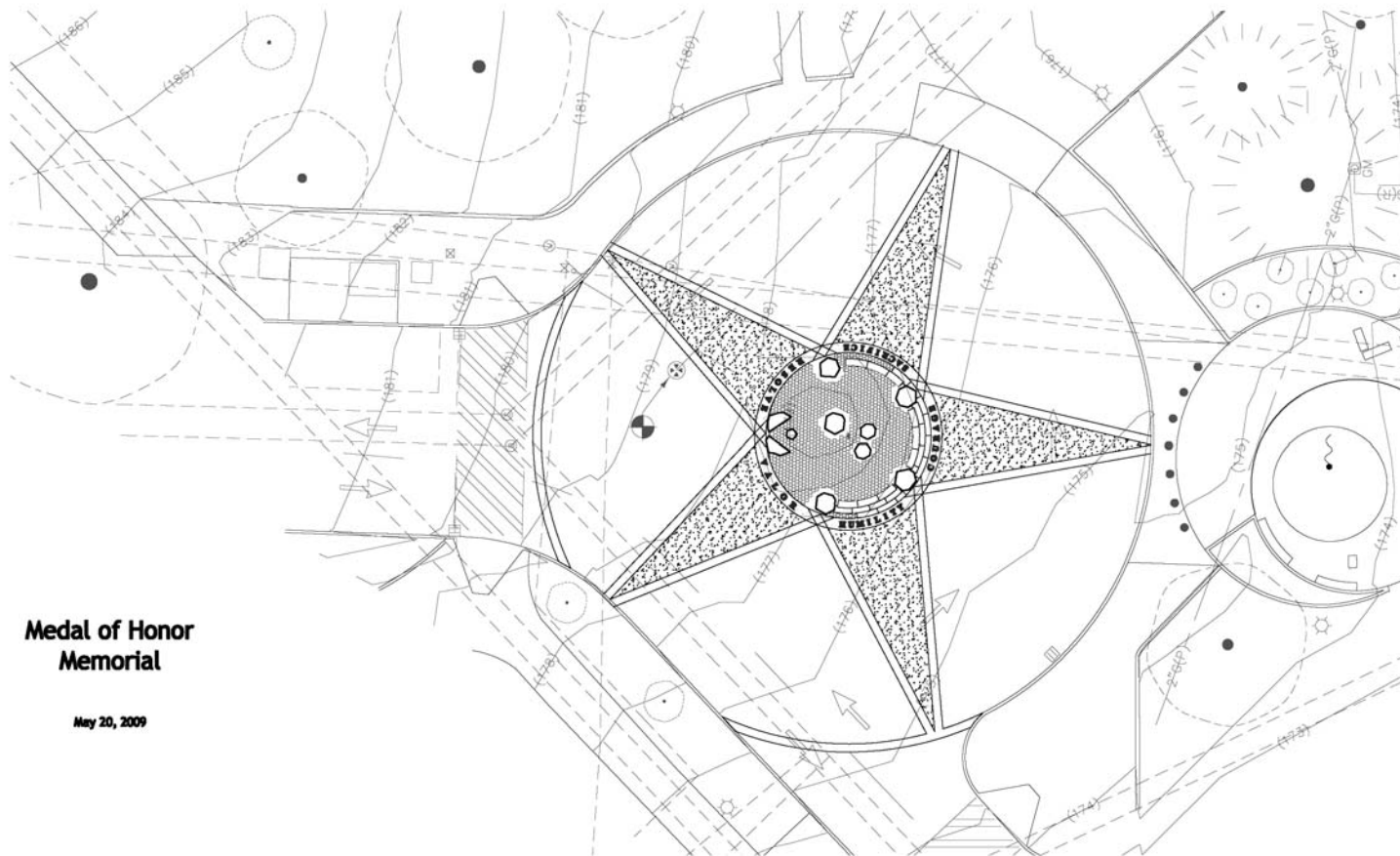
Medal of Honor Memorial



Medal of Honor Memorial



Medal of Honor Memorial



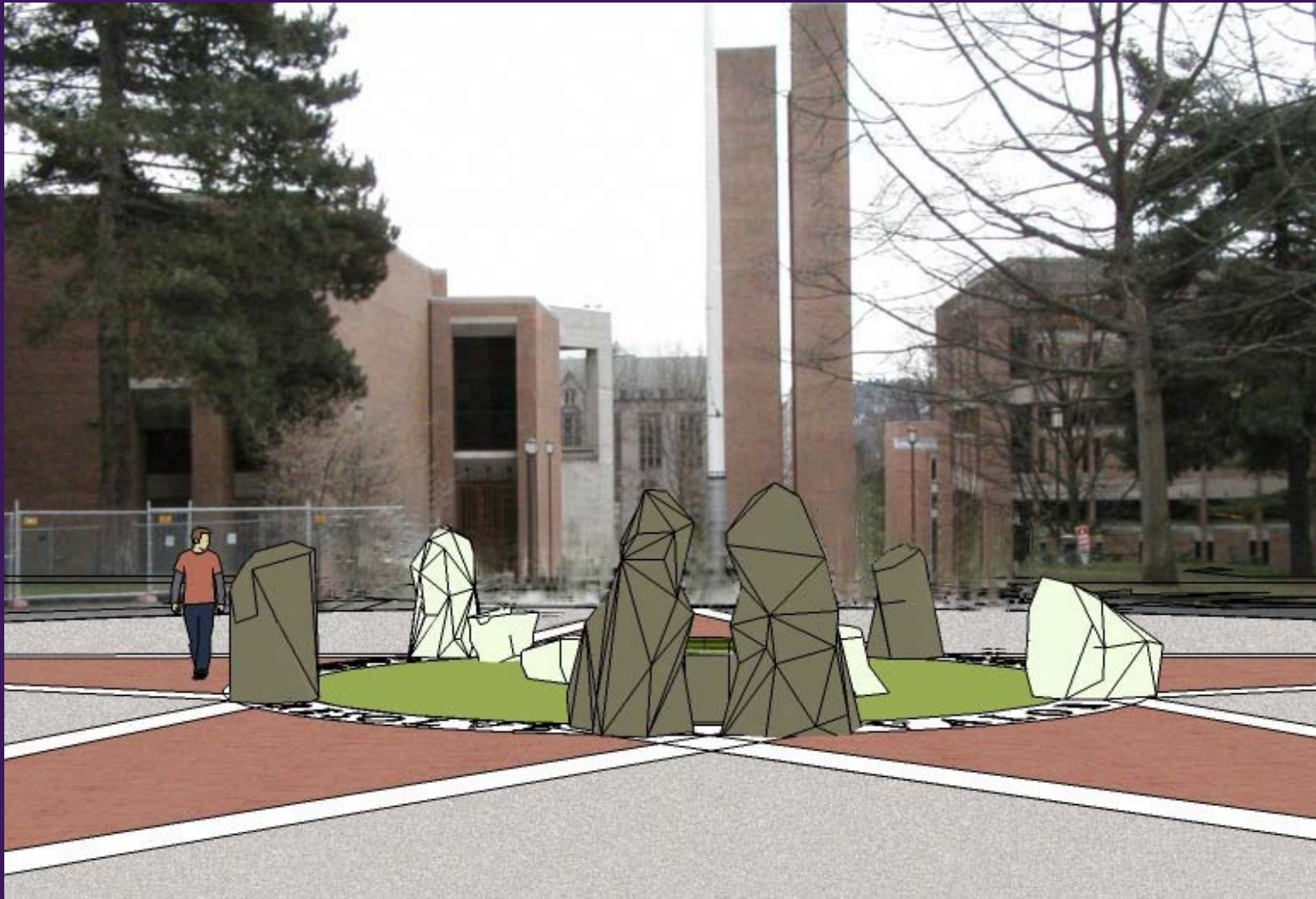
**Medal of Honor
Memorial**

May 20, 2009

Medal of Honor Memorial



Medal of Honor Memorial



Medal of Honor Memorial



Medal of Honor Memorial



Medal of Honor Memorial

- Deming Bronson, 1LT, USA (1915)
- Gregory "Pappy" Boyington, Col., USMC (1934)
- Robert E. Galer, BGen, USMC (1935)
- Bruce Crandall, Maj., USA (1951-52)
- John D. "Bud" Hawk, Sgt., USA (1952)
- Archie Van Winkle, Col., USMC (1961)
- Robert Leisy, 2LT, USA (1968)

VII. STANDING COMMITTEES

A. Academic and Student Affairs Committee

Academic and Administrative Appointments

RECOMMENDED ACTION:

It is the recommendation of the administration and the Academic and Student Affairs Committee the Board of Regents approve the appointments to the University faculty and administration as presented on the attached list.

Attachment: Academic and Administrative Appointments

RESERVE OFFICERS TRAINING CORPS

DEPARTMENT OF MILITARY SCIENCE

NEW APPOINTMENTS

BROOKS, JONATHAN

(BS, 2005, US MILITARY ACADEMY) TO BE ASSISTANT PROFESSOR OF MILITARY SCIENCE PAID DIRECT BY SOURCES OTHER THAN THE UNIVERSITY, EFFECTIVE 9/4/2009. (CAPTAIN BROOKS IS CURRENTLY ASSIGNED TO FORT KNOX, KENTUCKY.)

COLLEGE OF BUILT ENVIRONMENTS

DEPARTMENT OF ARCHITECTURE

NEW APPOINTMENTS

SIMONEN, KATHRINA L.

(BS, 1989, UNIVERSITY OF COLORADO (BOULDER); MS, 1991, UNIVERSITY OF CALIFORNIA (BERKELEY); MArch, 1992, UNIVERSITY OF CALIFORNIA (BERKELEY)) TO BE ASSISTANT PROFESSOR OF ARCHITECTURE AT A SALARY RATE OF \$79,506 OVER NINE MONTHS, EFFECTIVE 9/16/2009. (PROFESSOR SIMONEN IS CURRENTLY AN ASSOCIATE PROFESSOR AT CALIFORNIA COLLEGE OF THE ARTS.)

DEPARTMENT OF CONSTRUCTION MANAGEMENT

NEW APPOINTMENTS

EL-ANWAR, OMAR H.

(BSCE, 2003, CAIRO UNIVERSITY (EGYPT); MSc, 2005, CAIRO UNIVERSITY (EGYPT); PHD, 2009, UNIVERSITY OF ILLINOIS) TO BE ASSISTANT PROFESSOR OF CONSTRUCTION MANAGEMENT AT A SALARY RATE OF \$74,250 OVER NINE MONTHS, EFFECTIVE 8/1/2009.

COLLEGE OF ARTS AND SCIENCES

DEPARTMENT OF MATHEMATICS

NEW APPOINTMENTS

LIEBLICH, MAX

(BA, 2000, HARVARD UNIVERSITY; PHD, 2004, MASSACHUSETTS INSTITUTE OF TECHNOLOGY) TO BE ASSISTANT PROFESSOR OF MATHEMATICS AT A SALARY RATE OF \$75,006 OVER NINE MONTHS, EFFECTIVE 9/16/2009. (DR. LIEBLICH IS CURRENTLY AN ASSISTANT PROFESSOR OF MATHEMATICS AT PRINCETON UNIVERSITY.)

DEPARTMENT OF SOCIOLOGY

NEW APPOINTMENTS

LEE, HEDWIG

(BS, 2003, CORNELL UNIVERSITY; MA, 2005, UNIVERSITY OF NORTH CAROLINA; PHD, 2009, UNIVERSITY OF NORTH CAROLINA) TO BE ASSISTANT PROFESSOR OF SOCIOLOGY AT A SALARY RATE OF \$74,997 OVER NINE MONTHS, EFFECTIVE 9/16/2009.

COLLEGE OF EDUCATION

EDUCATION

ADMINISTRATIVE APPOINTMENTS

KERR, STEPHEN T.

(BA, 1967, PRINCETON UNIVERSITY; MA, 1969, COLUMBIA UNIVERSITY; PHD, 1975, UNIVERSITY OF WASHINGTON) TO BE ACTING ASSOCIATE DEAN OF EDUCATION, EFFECTIVE 8/1/2009. (DR. KERR WILL CONTINUE AS PROFESSOR OF EDUCATION.)

NEW APPOINTMENTS

JILK, LISA

(BS, 1993, UNIVERSITY OF MINNESOTA; MS, 1999, CALIFORNIA STATE UNIVERSITY, HAYWARD; PHD, 2007, MICHIGAN STATE UNIVERSITY) TO BE SENIOR LECTURER FULL-TIME OF EDUCATION AT A SALARY RATE OF \$63,000 OVER NINE MONTHS, EFFECTIVE 9/1/2009. (DR. JILK IS CURRENTLY A RESEARCH ASSOCIATE IN THE SAME COLLEGE.)

COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

ENDOWED APPOINTMENTS

LETTENMAIER, DENNIS

(BS, 1970, UNIVERSITY OF WASHINGTON; MS, 1973, GEORGE WASHINGTON UNIVERSITY; PHD, 1975, UNIVERSITY OF WASHINGTON) TO BE HOLDER OF THE ROBERT O. AND IRENE V. SYLVESTER FAMILY ENDOWED PROFESSORSHIP IN WATER RESOURCES - ENVIRONMENTAL ENGINEERING , EFFECTIVE 9/16/2009. (PROFESSOR LETTENMAIER WILL CONTINUE AS PROFESSOR WITHOUT TENURE OF CIVIL AND ENVIRONMENTAL ENGINEERING.)

MAHONEY, JOE

(BS, 1968, TEXAS A&M UNIVERSITY; MSCE, 1970, TEXAS A&M UNIVERSITY; PHD, 1979, TEXAS A&M UNIVERSITY) TO BE HOLDER OF THE WILLIAM M. AND MARILYN M. CONNER ENDOWED PROFESSORSHIP IN CIVIL AND ENVIRONMENTAL ENGINEERING , EFFECTIVE 9/16/2009. (PROFESSOR MAHONEY WILL CONTINUE AS PROFESSOR OF CIVIL AND ENVIRONMENTAL ENGINEERING.)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ENDOWED APPOINTMENTS

ANDERSON, THOMAS E

(BA, 1983, HARVARD UNIVERSITY; MS, 1990, UNIVERSITY OF WASHINGTON; PHD, 1991, UNIVERSITY OF WASHINGTON) TO BE HOLDER OF THE ROBERT E. DINNING ENDOWED PROFESSORSHIP IN COMPUTER SCIENCE AND ENGINEERING , EFFECTIVE 7/1/2009. (PROFESSOR ANDERSON WILL CONTINUE AS PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING.)

ETZIONI, OREN

(BA, 1986, HARVARD UNIVERSITY; MS, 1988, CARNEGIE MELLON UNIVERSITY; PHD, 1991, CARNEGIE MELLON UNIVERSITY) TO BE HOLDER OF THE WASHINGTON RESEARCH FOUNDATION ENTREPRENEURSHIP ENDOWED PROFESSORSHIP IN COMPUTER SCIENCE AND ENGINEERING , EFFECTIVE 7/1/2009. (PROFESSOR ETZIONI WILL CONTINUE AS PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING.)

KARLIN, ANNA

(BSC, 1981, STANFORD UNIVERSITY; PHD, 1987, STANFORD UNIVERSITY) TO BE HOLDER OF THE MICROSOFT ENDOWED PROFESSORSHIP IN COMPUTER SCIENCE AND ENGINEERING , EFFECTIVE 7/1/2009. (PROFESSOR KARLIN WILL CONTINUE AS PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING.)

LANDAY, JAMES

(BS, 1990, UNIVERSITY OF CALIFORNIA (BERKELEY); MS, 1993, CARNEGIE MELLON UNIVERSITY; PHD, 1996, CARNEGIE MELLON UNIVERSITY) TO BE HOLDER OF THE SHORT-DOOLEY ENDOWED CAREER DEVELOPMENT PROFESSORSHIP IN COMPUTER SCIENCE AND ENGINEERING EFFECTIVE 7/1/2009. (PROFESSOR LANDAY WILL CONTINUE AS ASSOCIATE PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING.)

MATSUOKA, YOKY

(BS, 1993, UNIVERSITY OF CALIFORNIA (BERKELEY); MS, 1995, MASSACHUSETTS INSTITUTE OF TECHNOLOGY; PHD, 1998, MASSACHUSETTS INSTITUTE OF TECHNOLOGY) TO BE HOLDER OF THE TORODE FAMILY ENDOWED CAREER DEVELOPMENT PROFESSORSHIP IN COMPUTER SCIENCE AND ENGINEERING , EFFECTIVE 7/1/2009. (PROFESSOR MATSUOKA WILL CONTINUE AS ASSOCIATE PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING.)

COLLEGE OF OCEAN AND FISHERY SCIENCESSCHOOL OF OCEANOGRAPHY**NEW APPOINTMENTS****SOLOMON, EVAN**

(BS, 2001, UNIVERSITY OF NEVADA; PHD, 2007, SCRIPPS OCEANOGRAPHIC INSTITUTION) TO BE ASSISTANT PROFESSOR OF OCEANOGRAPHY AT A SALARY RATE OF \$64,800 OVER NINE MONTHS, EFFECTIVE 8/1/2009. (DR. SOLOMON IS CURRENTLY A POSTDOCTORAL RESEARCH FELLOW AT THE UNIVERSITY OF CALIFORNIA, SAN DIEGO.)

COLLEGE OF THE ENVIRONMENTFOREST RESOURCES**ENDOWED APPOINTMENTS****EDMONDS, ROBERT**

(BSC, 1964, UNIVERSITY OF SYDNEY (AUSTRALIA); MSF, 1968, UNIVERSITY OF WASHINGTON; PHD, 1971, UNIVERSITY OF WASHINGTON) TO BE HOLDER OF THE DENMAN ENDOWED PROFESSORSHIP IN SUSTAINABLE RESOURCE SCIENCES, EFFECTIVE 10/1/2009. (PROFESSOR EDMONDS WILL CONTINUE AS PROFESSOR OF FOREST RESOURCES.)

ADMINISTRATIVE APPOINTMENTS**HINCKLEY, THOMAS**

(BA, 1966, CARLETON COLLEGE; PHD, 1971, UNIVERSITY OF WASHINGTON) TO BE DIRECTOR OF THE SCHOOL OF FOREST RESOURCES, EFFECTIVE 7/1/2009. (DR. HINCKLEY WILL CONTINUE AS PROFESSOR OF FOREST RESOURCES AND ADJUNCT PROFESSOR OF BIOLOGY.)

INFORMATION SCHOOLINFORMATION SCHOOL**ADMINISTRATIVE APPOINTMENTS****METOYER, CHERYL**

(BA, 1968, IMMACULATE HEART COLLEGE, CA; MA, 1969, IMMACULATE HEART COLLEGE, CA; PHD, 1976, INDIANA UNIVERSITY) TO BE ASSOCIATE DEAN FOR RESEARCH OVER NINE MONTHS, EFFECTIVE 9/16/2009. (PROFESSOR METOYER WILL CONTINUE AS ASSOCIATE PROFESSOR IN THE INFORMATION SCHOOL AND ADJUNCT ASSOCIATE PROFESSOR OF AMERICAN INDIAN STUDIES.)

SCHOOL OF LAW

LAW

ENDOWED APPOINTMENTS

TESTY, KELLYE

(BA, 1982, INDIANA UNIVERSITY; JD, 1991, INDIANA UNIVERSITY) TO BE HOLDER OF THE JAMES W. MIFFLIN UNIVERSITY PROFESSORSHIP, EFFECTIVE 9/1/2009.

SCHOOL OF DENTISTRY

DEPARTMENT OF PERIODONTICS

NEW APPOINTMENTS

HONG, SUL KI

(DDS, 1993, UNIVERSITY OF SAN PAULO (BRAZIL) TO BE ASSISTANT PROFESSOR OF PERIODONTICS AT A SALARY RATE OF \$92,700 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT DR. HONG WAS ACTING ASSISTANT PROFESSOR TEMPORARY IN THE SAME DEPARTMENT.)

SCHOOL OF MEDICINE

DEPARTMENT OF ANESTHESIOLOGY AND PAIN MEDICINE

NEW APPOINTMENTS

BENTOV, ITAY

(MD, 1994, HADASSAH UNIVERSITY; PHD, 2006, TEL AVIV UNIVERSITY (ISRAEL)) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF ANESTHESIOLOGY AND PAIN MEDICINE AT A SALARY RATE OF \$69,768 OVER TWELVE MONTHS, EFFECTIVE 6/1/2009. (PRIOR TO THIS APPOINTMENT, DR. BENTOV WAS AN ACTING INSTRUCTOR IN THE SAME DEPARTMENT.)

DEPARTMENT OF MEDICINE

ADMINISTRATIVE APPOINTMENTS

STAIGER, THOMAS OWEN

(BA, 1979, UNIVERSITY OF MICHIGAN; MD, 1985, UNIVERSITY OF WASHINGTON) TO BE ASSOCIATE DEAN OF THE SCHOOL OF MEDICINE AND MEDICAL DIRECTOR OF THE UNIVERSITY OF WASHINGTON MEDICAL CENTER OVER TWELVE MONTHS, EFFECTIVE 4/16/2009. (DR. STAIGER WILL CONTINUE AS ASSOCIATE PROFESSOR WITHOUT TENURE OF MEDICINE.)

NEW APPOINTMENTS

HISAMA, FUKI

(BA, 1984, WASHINGTON UNIVERSITY; MD, 1988, UNIVERSITY OF CHICAGO) TO BE ASSOCIATE PROFESSOR WITHOUT TENURE OF MEDICINE AT A SALARY RATE OF \$115,500 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. HISAMA WAS AN ASSISTANT PROFESSOR OF PEDIATRICS AT HARVARD MEDICAL SCHOOL.)

KORDE, LARISSA

(BA, 1992, COLLEGE OF WILLIAM AND MARY; MD, 1998, NEW YORK MEDICAL COLLEGE; MPH, 2003, GEORGE WASHINGTON UNIVERSITY) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF MEDICINE AT A SALARY RATE OF \$146,508 OVER TWELVE MONTHS, EFFECTIVE 7/16/2009. (PRIOR TO THIS APPOINTMENT, DR. KORDE WAS A STAFF CLINICIAN AT THE NATIONAL CANCER INSTITUTE.)

NELSON, PETER

(BS, 1990, NORTHWESTERN UNIVERSITY; MD, 1997, MT SINAI SCHOOL OF MEDICINE) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF MEDICINE AT A SALARY RATE OF \$155,004 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. NELSON WAS AN ASSISTANT PROFESSOR OF MEDICINE AT NEW YORK UNIVERSITY SCHOOL OF MEDICINE.)

RHIANNON, JULIA

(BA, 1989, UNIVERSITY OF CALIFORNIA (SAN DIEGO); MSW, 1991, UNIVERSITY OF GEORGIA; MD, 2002, UNIVERSITY OF CALIFORNIA (DAVIS)) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF MEDICINE AT A SALARY RATE OF \$87,504 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. RHIANNON WAS AN INSTRUCTOR OF MEDICINE AT THE UNIVERSITY OF COLORADO, DENVER, SCHOOL OF MEDICINE.)

ZISMAN, TIMOTHY

(BS, 1997, UNIVERSITY OF MICHIGAN; MD, 2003, VIRGINIA COMMONWEALTH UNIVERSITY; MPH, 2003, HARVARD UNIVERSITY) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF MEDICINE AT A SALARY RATE OF \$107,880 OVER TWELVE MONTHS, EFFECTIVE 7/20/2009. (DR. ZISMAN IS CURRENTLY A FELLOW IN THE DEPARTMENT OF MEDICINE AT THE UNIVERSITY OF CHICAGO.)

DEPARTMENT OF MICROBIOLOGY**NEW APPOINTMENTS****GAGE, DANIEL**

(BS, 1985, UNIVERSITY OF WASHINGTON; PHD, 1993, UNIVERSITY OF MICHIGAN) TO BE VISITING ASSOCIATE PROFESSOR OF MICROBIOLOGY WITHOUT SALARY FROM THE UNIVERSITY, EFFECTIVE 6/14/2009. (DR. GAGE IS AN ASSOCIATE PROFESSOR AT THE UNIVERSITY OF CONNECTICUT.)

DEPARTMENT OF NEUROLOGICAL SURGERY**NEW APPOINTMENTS****ZHANG, FANGYI**

(MD, 1986, CAPITAL UNIVERSITY) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF NEUROLOGICAL SURGERY AT A SALARY RATE OF \$180,000 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. ZHANG WAS AN ASSISTANT PROFESSOR OF NEUROSURGERY AT THE UNIVERSITY OF TEXAS, HOUSTON.)

DEPARTMENT OF OPHTHALMOLOGY**ENDOWED APPOINTMENTS****NEITZ, MAUREEN**

(BA, 1979, CALIFORNIA STATE UNIVERSITY, SAN JOSE; PHD, 1986, UNIVERSITY OF CALIFORNIA (SANTA BARBARA)) TO BE HOLDER OF THE RAY H. HILL ENDOWED CHAIR IN OPHTHALMOLOGY, EFFECTIVE 5/1/2009. (DR. NEITZ WILL CONTINUE AS PROFESSOR WITHOUT TENURE OF OPHTHALMOLOGY AND ADJUNCT PROFESSOR OF BIOLOGICAL STRUCTURE.)

DEPARTMENT OF PEDIATRICS

NEW APPOINTMENTS

GANTT, SOREN

(BS, 1993, BROWN UNIVERSITY; PHD, 2000, NEW YORK UNIVERSITY; MD, 2001, NEW YORK UNIVERSITY; MPH, 2008, UNIVERSITY OF WASHINGTON) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF PEDIATRICS AT A SALARY RATE OF \$97,752 OVER TWELVE MONTHS, EFFECTIVE 6/1/2009. (PRIOR TO THIS APPOINTMENT, DR. GANTT WAS AN ACTING ASSISTANT PROFESSOR - TEMPORARY IN THE SAME DEPARTMENT.)

TAPLIN, CRAIG

(BS, 1997, UNIVERSITY OF NEW SOUTH WALES (AUSTRALIA); MBBS, 1997, UNIVERSITY OF NEW SOUTH WALES (AUSTRALIA)) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF PEDIATRICS PAID DIRECT BY SEATTLE CHILDREN'S HOSPITAL AND REGIONAL MEDICAL CENTER, EFFECTIVE 7/27/2009. (DR. TAPLIN IS CURRENTLY A PEDIATRICS ENDOCRINE FELLOW AT THE BARBARA DAVIS CENTER FOR CHILDHOOD DIABETES AND THE CHILDREN'S HOSPITAL, DENVER COLORADO.)

DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS

NEW APPOINTMENTS

SOETEDJO, ROBIJANTO

(MD, 1991, UNIVERSITY OF BRAWIJAYA (INDONESIA); PHD, 2002, UNIVERSITY OF WASHINGTON) TO BE RESEARCH ASSISTANT PROFESSOR OF PHYSIOLOGY AND BIOPHYSICS AT A SALARY RATE OF \$60,000 OVER TWELVE MONTHS, EFFECTIVE 6/1/2009. (PRIOR TO THIS APPOINTMENT, DR. SOETEDJO WAS A SENIOR FELLOW IN THE SAME DEPARTMENT.)

DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL SCIENCES

ENDOWED APPOINTMENTS

VEITH, RICHARD CHARLES

(BA, 1969, WESTERN WASHINGTON UNIVERSITY; MD, 1973, UNIVERSITY OF WASHINGTON) TO BE HOLDER OF THE RICHARD D. AND BERNICE E. TUTT ENDOWED PROFESSORSHIP IN THE NEUROSCIENCES, EFFECTIVE 6/1/2009. (DR. VEITH WILL CONTINUE AS PROFESSOR AND CHAIR OF PSYCHIATRY AND BEHAVIORAL SCIENCES.)

DEPARTMENT OF RADIOLOGY

NEW APPOINTMENTS

KHANNA, PARITOSH

(MBBS, 1999, KJ SOMAIYA HOSPITAL AND MEDICAL COLLEGE; MD, 2003, UNIVERSITY OF MUMBAI (INDIA)) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF RADIOLOGY AT A SALARY RATE OF \$277,080 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. KHANNA WAS A FELLOW IN THE SAME DEPARTMENT.)

PARNELL, SHAWN ELIZABETH

(BS, 1993, UNIVERSITY OF FLORIDA; MD, 2001, EASTERN VIRGINIA MEDICAL SCHOOL) TO BE ASSISTANT PROFESSOR WITHOUT TENURE OF RADIOLOGY PAID DIRECT BY SEATTLE CHILDREN'S HOSPITAL AND REGIONAL MEDICAL CENTER EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. PARNELL WAS AN ACTING ASSISTANT PROFESSOR - TEMPORARY IN THE SAME DEPARTMENT.)

SCHOOL OF NURSING

DEPARTMENT OF PSYCHOSOCIAL AND COMMUNITY HEALTH

NEW APPOINTMENTS

HOOVEN, CAROLE

(BA, 1972, UNIVERSITY OF CALIFORNIA (IRVINE); MEd, 1994, UNIVERSITY OF WASHINGTON; PHD, 2002, UNIVERSITY OF WASHINGTON) TO BE RESEARCH ASSISTANT PROFESSOR OF PSYCHOSOCIAL AND COMMUNITY HEALTH AT A SALARY RATE OF \$93,900 OVER TWELVE MONTHS, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT DR. HOOVEN WAS A RESEARCH SCIENTIST IN THE SAME DEPARTMENT.)

UNIVERSITY OF WASHINGTON, BOTHELL

BUSINESS PROGRAM

NEW APPOINTMENTS

BOSS, ALAN D.

(BA, 1996, BRIGHAM YOUNG UNIVERSITY; MA, 1999, BRIGHAM YOUNG UNIVERSITY; PHD, pending, UNIVERSITY OF MARYLAND) TO BE ACTING ASSISTANT PROFESSOR - PENDING PHD OF BUSINESS AT A SALARY RATE OF \$125,001 OVER NINE MONTHS, EFFECTIVE 8/1/2009.

EDUCATION PROGRAM

ADMINISTRATIVE APPOINTMENTS

PORTIN, BRADLEY STEVEN

(BA, 1978, UNIVERSITY OF WASHINGTON; MEd, 1987, SEATTLE PACIFIC UNIVERSITY; DPhil, 1995, UNIVERSITY OF OXFORD (UK)) TO BE PROFESSOR AND DIRECTOR OF EDUCATION AND ADJUNCT PROFESSOR OF EDUCATION-SEATTLE, EFFECTIVE 7/1/2009. (PRIOR TO THIS APPOINTMENT, DR. PORTIN WAS AN ASSOCIATE PROFESSOR OF EDUCATION, SEATTLE.)

UNIVERSITY OF WASHINGTON, TACOMA

INTERDISCIPLINARY ARTS AND SCIENCES PROGRAM

NEW APPOINTMENTS

WALKER, INGRID

(BA, 1986, ST. MARY'S COLLEGE OF CALIFORNIA; PHD, 1992, UNIVERSITY OF CALIFORNIA (SANTA CRUZ)) TO BE ASSOCIATE PROFESSOR OF INTERDISCIPLINARY ARTS AND SCIENCES AT A SALARY RATE OF \$79,200 OVER NINE MONTHS, EFFECTIVE 8/3/2009. (PROFESSOR WALKER IS CURRENTLY A HIGHER EDUCATION CONSULTANT AND VISITING SCHOLAR AT THE UNIVERSITY OF CALIFORNIA, BERKELEY.)

NURSING PROGRAM

ADMINISTRATIVE APPOINTMENTS

LANDENBURGER, KAREN

(BS, 1973, UNIVERSITY OF MARYLAND; MN, 1979, UNIVERSITY OF WASHINGTON; PHD, 1987, UNIVERSITY OF WASHINGTON) TO BE DIRECTOR OF THE EDUCATION PROGRAM - TACOMA OVER NINE MONTHS, EFFECTIVE 7/1/2009. (PROFESSOR LANDENBURGER WILL CONTINUE AS PROFESSOR OF NURSING.)

SOCIAL WORK PROGRAM

NEW APPOINTMENTS

YOUNG, DIANE S.

(BA, 1979, SPRING ARBOR COLLEGE; MSW, 1993, UNIVERSITY OF WASHINGTON; PHD, 1997, UNIVERSITY OF WASHINGTON) TO BE ASSOCIATE PROFESSOR OF SOCIAL WORK AT A SALARY RATE OF \$72,000 OVER NINE MONTHS, EFFECTIVE 1/1/2010. (PROFESSOR YOUNG IS CURRENTLY AN ASSOCIATE PROFESSOR AT SYRACUSE UNIVERSITY.)

VII. STANDING COMMITTEES

A. Academic and Student Affairs Committee

Establishment of the Cinema and Media Studies Graduate Certificate Program in the Department of Comparative Literature

RECOMMENDED ACTION

It is the recommendation of the administration and the Academic and Student Affairs Committee that the Board of Regents grant authority to the Department of Comparative Literature, in the College of Arts and Sciences, to offer the Cinema and Media Studies Graduate Certificate Program, effective immediately. The certificate program will have provisional status with a review to be scheduled in the 2013-2014 academic year. At such time that continuing status is granted, a ten-year review cycle would begin.

BACKGROUND

In January 2009, the Graduate School received the proposal from a Steering Committee of graduate faculty from the Department of Comparative Literature and related academic units requesting authority to offer the Cinema and Media Studies Graduate Certificate Program. Implementation of the program is scheduled for Autumn Quarter 2009 with an initial enrollment of ten graduate students, and will sustain 35 students by its fifth year of operation.

The graduate certificate program in Cinema and Media Studies will focus on the study of film and related media from a humanistic perspective, within the broader context of global culture. The program is designed to be: strongly interdisciplinary, drawing on faculty in related academic units where interest in the study of film and related media forms is emerging and flourishing; international in its range of focus, allowing for the comparative study of diverse national cinemas, media cultures, institutions and practices within a global framework; and innovative in its teaching and research methods.

Evidence of the demand for a graduate level program in Cinema and Media Studies includes: 1) the presence of prominent scholars and activities at the University of Washington, 2) a thriving undergraduate program that involves graduate students in teaching assistantships related to a discipline they are currently unable to study in an organized fashion, 3) the high number of graduate students currently in Slavic Languages and Literature, Scandinavian Studies, Germanics, Asian Languages and Literature, the Department of English, and Comparative Literature with strong research interests in film and media studies, 4) the significant number of doctoral students that have devoted their dissertations

primarily to film and media or have included a component of their dissertations and at least one of the topics on their doctoral area exams to cinema and media studies.

The Graduate School Council met on June 4, 2009, to discuss the Cinema and Media Studies Graduate Certificate Program proposal. The Council recommended unanimously that the proposal be forwarded to the Board of Regents for final approval, contingent on revisions to the proposal to ensure that students would have clear expectations of the program requirements. The Vice Provost and Dean of the Graduate School concurred with this recommendation.

Establishment of the Cinema and Media Studies Graduate Certificate Program in the Department of Comparative Literature, continued

The Vice Provost and Dean of the Graduate School and the Dean of the College of Arts and Sciences have reviewed and approved the recommendation. The Higher Education Coordinating Board will be informed of the Board of Regents' action on the Cinema and Media Studies Graduate Certificate Program.

VII. STANDING COMMITTEES

A. Academic and Student Affairs Committee

University of Washington Medicine Board Appointment

RECOMMENDED ACTION:

It is the recommendation of the University President and the Academic and Student Affairs Committee that the Board of Regents make the following new appointment to the UW Medicine Board:

New Appointment

Rich Jones

August 1, 2009 – July 31, 2012

BACKGROUND

Article 1, Section 1 of the UW Medicine Board Bylaws states, “The UW Medicine Board (the “Board”) shall consist of sixteen (16) members, including the President of the University and the CEO/EVPMA/Dean, who shall serve as *ex officio* members of the Board with full voice and vote. The Board members shall be appointed by the Board of Regents. The Chair of the Board of Regents shall appoint the Chairperson of the UW Medicine Board. At least one Board member shall be a member of the Board of Regents. One Board member shall be a member of the faculty of the University nominated by the President of the University. The remaining twelve (12) Board members shall be nominated by the President of the University from among people who have broad public perspectives and do not represent any special interest group.”

Mr. Jones serves as President and CEO of the Washington Society of Certified Public Accountants (WSCPAs). The WSCPAs has approximately 10,000 members and is the only organization in the State of Washington dedicated to serving the professional needs of CPAs, educating consumers, legislators and regulators about CPAs and the services they provide, and encouraging students to study accounting and enter the accounting profession.

Prior to assuming his leadership role at the WSCPAs, Mr. Jones was an active member of the accounting profession, having served with Ernst & Young for over 30 years in their San Francisco, San Jose, and Seattle offices. At the time of his retirement in 2004, he was the Director of Tax for their Pacific Northwest offices.

Mr. Jones is active in several civic and professional organizations including, the Pacific Science Center, FHCRC, SCCA, and the UW Medicine Board Compliance Committee. It is recommended that Mr. Jones be appointed to the UW Medicine Board for a three year term ending July 31, 2012.

Under the Bylaws of the UW Medicine Board it states that “the term of office of each appointed Board member shall be three years. No appointed Board member may serve more than three successive three-year terms....”

Attachment: List of members of the UW Medicine Board

UNIVERSITY OF WASHINGTON
MEDICINE BOARD

	<u>Term of Recommended Appointment</u>	<u>Changes</u>
Sally Jewell	10/1/07 – 9/30/10	
Mark Emmert President University of Washington	Ex-Officio	
Alan Frazier	7/1/09 to 6/30/12	
Michael D. Garvey	2/1/09 to 1/31/12	
Allan C. Golston	11/1/08 to 10/31/11	
Jerry Grinstein	10/1/07 to 9/30/10	
Charlotte Guyman	7/1/09 to 6/30/10	
Rich Jones	8/1/09 to 7/31/12	<i>New Appointment</i>
Shan Mullin	9/1/07 to 8/31/10	
Julie Nordstrom	11/1/08 to 10/31/11	
Dennis Okamoto	10/1/06 to 9/30/09	
Herman Sarkowsky	10/1/07 to 9/30/10	
Paul G. Ramsey, M.D. CEO UW Medicine Executive Vice President for Medical Affairs and Dean of the School of Medicine	Ex-Officio	
JoAnn Taricani	7/1/08 to 6/30/11	

VII. STANDING COMMITTEES

A. Academic and Student Affairs Committee

UW Department of Intercollegiate Athletics, NCAA Compliance and Student-Athlete Academic Services Update

See Attachment.



UW Department of Intercollegiate Athletics

NCAA Compliance & Student-Athlete Academic Services Update

UW Board of Regents
Academic & Student Affairs Committee

July 16, 2009

A-4/207-09

Compliance Presentation Overview

- I. NCAA Major Infractions History
- II. Summary of Recent NCAA Violations
- III. UW Athletics Compliance Initiatives
 - A. Recent initiatives
 - B. Ongoing initiatives
 - C. Future initiatives
- IV. Board of Regents Role
- V. Discussion & Questions

Summary of Violations

- Major infractions: None since 2004

- Secondary infractions: 102 cases since 2004
 - Recruiting 50
 - Eligibility 19
 - Benefits 13
 - Playing Seasons 9
 - Personnel 6
 - Amateurism 5

Recent Initiatives

- Compliance Staff
 - Senior Associate Athletic Director
 - Associate Athletic Director for Compliance (upgraded position)
 - Oversees daily operations
 - Associate Director – Financial Aid
 - Responsible for monitoring all aspects of student-athlete financial aid
 - Associate Director – Compliance
 - Responsible for admissions, initial eligibility, and rules interpretations
 - Compliance Assistant
 - Responsible for monitoring of NCAA documents, logs, and compliance forms
- University Registrar's Office Partnership
 - Registrar's Office will assume continuing eligibility certification
 - Student-athletes eligibility certified by department outside of Athletics
 - More transparency
 - Greater access to Registrar's Office's information technology
 - Greater oversight
- Additional Rules Education for Football, Men's Basketball and Women's Basketball

Important Ongoing Initiatives

- "Compliance Cup" competition
 - Impacts each coach's annual performance review and bonus compensation
- Monthly "Compliance Team" meetings
- Regular audits by UW Department of Internal Audit
- Mandatory monthly compliance meetings for all coaches
- Two mandatory compliance/rules education meetings for all student-athletes each year
- Meetings w/ external booster groups

Future Initiatives & Projects

- Publish monthly compliance newsletter
- Improve booster education
- Create a sports agent education program
- Improve monitoring of camps and clinics
- Enhance compliance website and utilize other forms of electronic communication
- Improve continuing eligibility certification process
- Develop partnership with financial aid

Compliance Challenges

- Transitional Issues
- Financial Aid
- Maintain Positive Compliance Culture

Board of Regents NCAA Role

Institutional Control, Presidential Authority and Shared Responsibilities.

- The NCAA's principle of institutional control vests in the institution the responsibility for the conduct of its athletics program, including the actions of its staff members and representatives of its athletics interests. In fulfilling this principle, the institution's governing board should provide oversight and broad policy formulation for intercollegiate athletics in a manner consistent with other units of the institution. Oversight is achieved through:
 - Annual reporting from athletics
 - Insuring transparency of its athletics program

Questions?

Academic Services Presentation Overview

- I. SAAS Overview
- II. Integration & Collaboration
- III. Graduation & Academic Results
- IV. Challenges
- V. Questions ?

SAAS Overview

- Serve 650 student-athletes in 23 sports.
- Services are available to all student-athletes regardless of sport or scholarship status.
- 14 staff members.
- \$1.5 million annual budget.

SAAS Programs

- Academic Advising
- Academic Coordinating/Mentoring
- Learning Resources
- Life Skills Development

Collaborative Programs with Undergraduate Academic Affairs

- Dual reporting lines for Assoc. AD.
- Intensive Summer Course (LEAP).
- CLUE integration & study table.
- International Programs for student-athletes.
- Faculty outreach program & Distinguished Teaching Award recognition.
- Senior Exit Surveys with OEA.
- Honors Program & Scholarship Recruitment.
- Career Discovery Week.
- Martin Luther King Day of Service.

Graduation & Academic Results

■ Academic Progress Rate

- All UW teams are above the 925 APR line.
- Lowest teams are Women's Tennis (949) & Men's Track & Field (953).

■ Graduation Success Rate

- UW Grad Success Rate = 83% (national 79%).
- 2nd best among all Division I public universities on the West Coast. (UC Davis = 86%)
- 2nd best in the Pac-10 (Stanford = 95%)

Graduation & Academic Results

Team GPA information (Spring 2009)

■ 13 teams above 3.00

- Men's Crew
- Women's Crew
- Men's Cross Country
- Women's Cross Country
- Gymnastics
- Women's Soccer
- Men's Swimming
- Women's Swimming
- Men's Tennis
- Women's Tennis
- Men's Track & Field
- Women's Track & Field
- Women's Volleyball

■ 8 teams below 3.00

- Baseball
- Men's Basketball
- Women's Basketball
- Football
- Men's Golf
- Women's Golf
- Men's Soccer
- Softball

Graduation & Academic Results

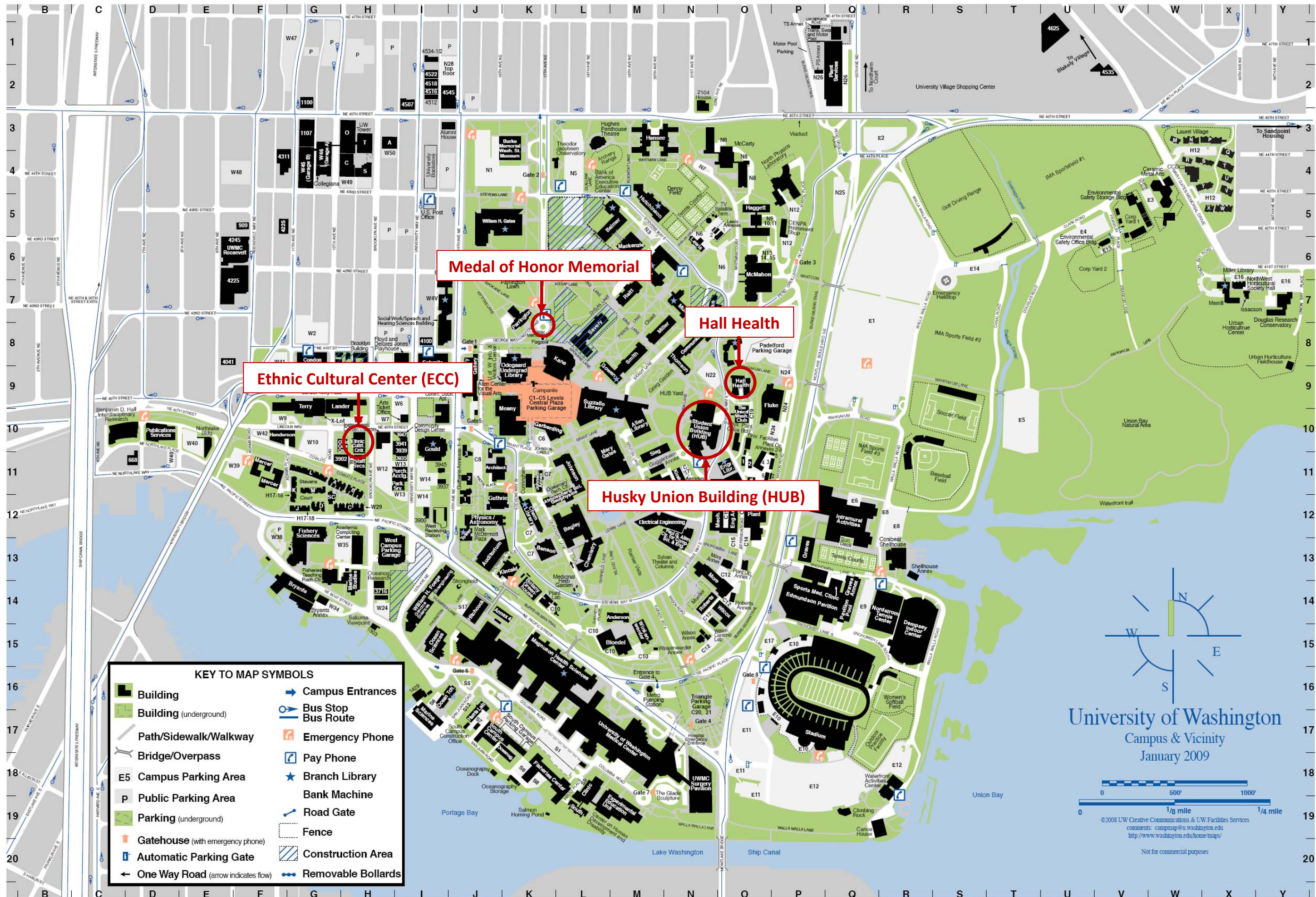
■ Individual Academic Progress (Spring 2009)

1. 96 student-athletes on the Dean's List.
2. 2 student-athletes earned a 4.00 gpa.
3. 314 student-athletes with 3.00 or better.
4. 11 student-athletes on Academic Probation.
5. 3 student-athletes were dropped from the University.

CHALLENGES

- NCAA Academic Reform.
- Coaching Changes.
- Current Economic Conditions.
- Academic Competitiveness of UW.
- Balancing the Academic/Athletic Demands & Aspirations of Student-Athletes.
- Serving the academic needs of under-prepared students.
- Building Accountability & Self-Sufficiency.

Questions?



VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Grant and Contract Awards Summary – May, 2009

RECOMMENDED ACTION:

It is the recommendation of the administration and the Finance and Audit Committee that the Board of Regents accept the Grant and Contract Awards as presented on the attached list.

Attachment:	Grant and Contract Awards Summary Report of Grant and Contract Awards of \$1,000,000 or More
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Grant and Contract Awards Summary

to

The Board of Regents

of the

University of Washington

for

May 2009

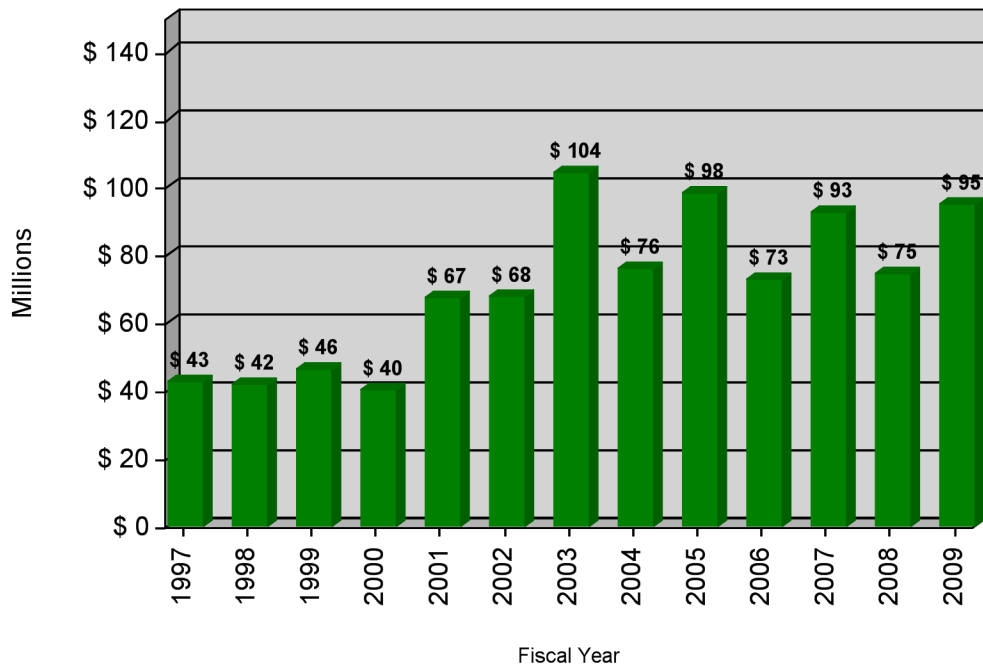
Office of Research

Office of Sponsored Programs

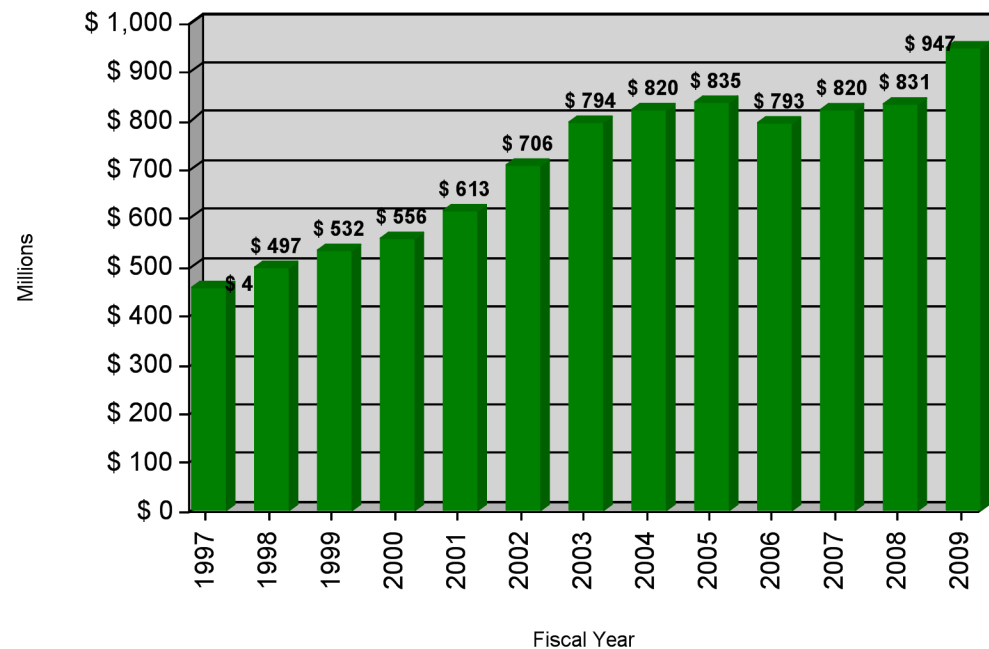
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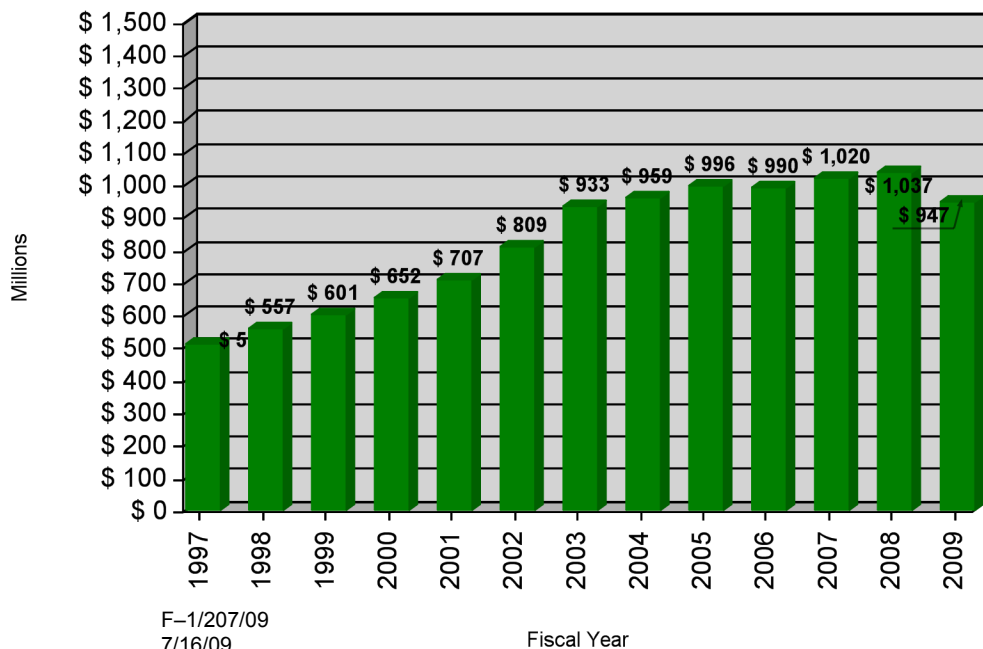
May Only
Comparison of Grant & Contract Awards



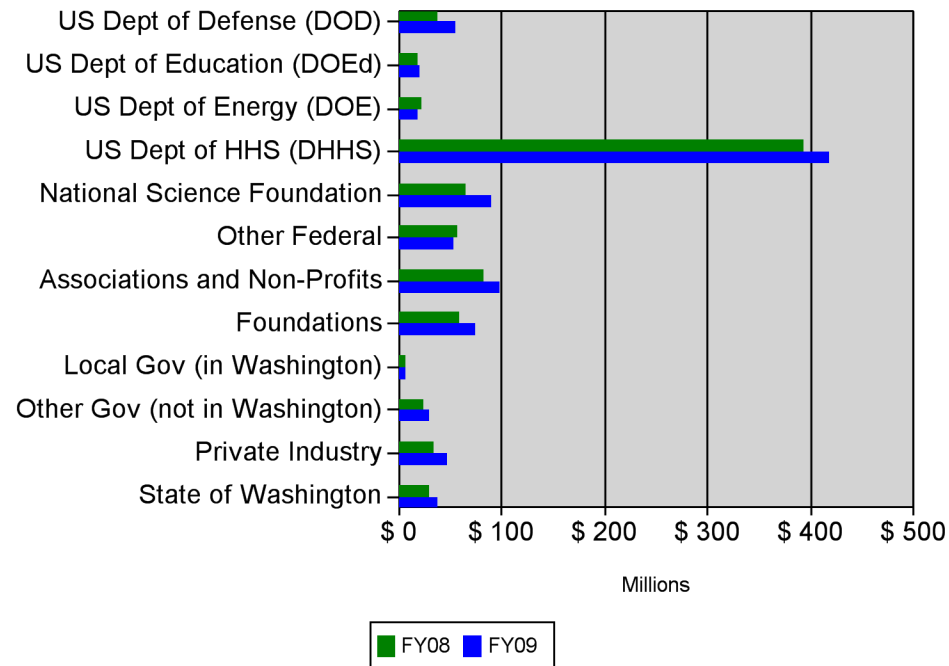
Fiscal Year to Date
Comparison of Grant & Contract Awards



Complete Fiscal Year
Comparison of Grant & Contract Awards



Fiscal Year to Date
Two-Year Comparison of Grant and Contract Awards



Summary of Grant and Contract Awards

Fiscal Year 2008-2009

Month	RESEARCH AND OTHER		TRAINING		Total Grants and Contracts
	Federal	Non-Federal	Federal	Non-Federal	
July	\$ 86,111,310	\$ 16,220,680	\$ 9,776,757	\$ 3,001,990	\$ 115,110,700
August	\$ 59,011,790	\$ 22,463,880	\$ 7,944,685	\$ 1,036,159	\$ 90,456,520
September	\$ 105,344,800	\$ 20,093,510	\$ 9,282,558	\$ 1,091,509	\$ 135,812,400
October	\$ 63,252,340	\$ 52,224,910	\$ 6,130,011	\$ 2,279,804	\$ 123,887,100
November	\$ 22,820,940	\$ 33,654,000	\$ 1,145,695	\$ 2,762,181	\$ 60,382,820
December	\$ 34,707,560	\$ 22,962,860	\$ 102,730	\$ 979,880	\$ 58,753,020
January	\$ 30,733,770	\$ 31,658,590	\$ 1,314,516	\$ 909,721	\$ 64,616,590
February	\$ 38,494,480	\$ 16,934,460	\$ 1,170,230	\$ 1,320,559	\$ 57,919,730
March	\$ 34,910,240	\$ 18,161,900	\$ 3,185,760	\$ 102,937	\$ 56,360,840
April	\$ 56,275,350	\$ 20,132,500	\$ 11,124,150	\$ 571,993	\$ 88,104,000
May	\$ 63,575,830	\$ 22,845,860	\$ 7,798,797	\$ 779,967	\$ 95,000,450
FY09 to Date	\$595,238,407	\$277,353,160	\$58,975,886	\$14,836,700	\$946,404,153
FY08 to Date	\$544,500,036	\$216,621,984	\$50,123,539	\$20,065,303	\$831,310,863
Over (Under) Previous Year	\$50,738,370	\$60,731,175	\$8,852,347	(\$5,228,603)	\$115,093,289

Assuming acceptance of all awards by the Board of Regents

Comparison of Grant and Contract Awards by Agency

Fiscal Years 2007-2008 and 2008-2009

Agency	Jul-May FY08	Jul-May FY09
US Department of Defense (DOD)	\$ 37,483,824	\$ 54,461,678
US Department of Education (DOEd)	\$ 18,411,362	\$ 21,149,171
US Department of Energy (DOE)	\$ 22,859,293	\$ 17,339,326
US Department of Health and Human Services (DHHS)	\$ 392,485,938	\$ 417,391,906
National Science Foundation (NSF)	\$ 65,832,758	\$ 90,730,144
Other Federal	\$ 57,550,400	\$ 53,142,068
Subtotal for Federal :	\$ 594,623,576	\$ 654,214,293
Associations and Non-Profits	\$ 82,701,356	\$ 97,713,838
Foundations	\$ 59,542,695	\$ 74,354,940
Local Government (in Washington)	\$ 6,373,514	\$ 6,833,634
Other Government (not in Washington)	\$ 23,892,142	\$ 29,291,289
Private Industry	\$ 34,011,731	\$ 46,550,518
State of Washington	\$ 30,165,850	\$ 37,445,641
Subtotal for Non-Federal :	\$ 236,687,287	\$ 292,189,860
Grand Total :	\$ 831,310,863	\$ 946,404,153
Amount of Increase (Decrease) :		\$ 115,093,289
Percent of Increase (Decrease) :		13.8 %

Assuming acceptance of all awards by the Board of Regents

Comparison of Grant and Contract Awards by School/College

Fiscal Years 2007-2008 and 2008-2009

School/College		Jul-May FY08	Jul-May FY09
Upper Campus			
	Architecture and Urban Planning	\$ 967,831	\$ 1,981,265
	Arts and Sciences	\$ 84,131,716	\$ 92,751,370
	Business Administration	\$ 740,458	\$ 924,182
	College of the Environment		\$ 320,490
	Computing & Communications	\$ 30,000	
	Director of Libraries	\$ 2,054,839	\$ 8,797,104
	Education	\$ 2,972,805	\$ 9,879,562
	Educational Outreach	\$ 287,668	\$ 96,400
	Engineering	\$ 64,768,966	\$ 72,641,802
	Evans School of Public Affairs	\$ 4,023,485	\$ 3,472,452
	Executive Vice President	\$ 208,000	\$ 1,451,647
	Forest Resources	\$ 5,156,312	\$ 7,498,318
	Graduate School	\$ 1,808,653	\$ 7,870,056
	Information School	\$ 5,392,939	\$ 5,594,633
	Law	\$ 409,734	\$ 3,060,946
	Ocean and Fishery Sciences	\$ 82,628,164	\$ 78,245,670
	Office of Research	\$ 18,326,159	\$ 16,931,109
	Provost	\$ 200,000	\$ 112,947
	Social Work	\$ 12,593,867	\$ 12,721,377
	Undergraduate Education	\$ 363,372	\$ 272,265
	VP Educational Partnerships	\$ 43,745	\$ 30,000
	VP Minority Affairs	\$ 7,138,112	\$ 6,638,602
	Subtotal :	\$ 294,246,825	\$ 331,292,195
Health Sciences			
	Dentistry	\$ 10,782,531	\$ 8,143,508
	Medicine	\$ 406,741,457	\$ 487,187,129
	Nursing	\$ 13,527,062	\$ 12,358,945
	Pharmacy	\$ 8,295,197	\$ 8,321,637
	Public Health and Community Medicine	\$ 66,884,239	\$ 63,892,186
	Subtotal :	\$ 506,230,486	\$ 579,903,404
Special Programs			
	Alcohol and Drug Abuse Institute	\$ 4,310,584	\$ 3,094,050
	CHDD Administration	\$ 7,571,760	\$ 6,347,487
	Regional Primate Center	\$ 16,722,351	\$ 20,076,037
	Subtotal :	\$ 28,604,695	\$ 29,517,574
Other UW Campuses			
	Bothell	\$ 1,301,517	\$ 5,179,721
	Tacoma	\$ 322,285	\$ 511,258

School/College		Jul-May FY08	Jul-May FY09
Other UW Campuses	Subtotal :	\$ 1,623,802	\$ 5,690,979
	Not Indicated Not Indicated	\$ 605,055	
	Subtotal :	\$ 605,055	
	Grand Total :	\$ 831,310,863	\$ 946,404,153

Assuming acceptance of all awards by the Board of Regents

Summary of Grant Awards**Fiscal Year 2008-2009***Excluding private awards from Foundations, Industry, Associations and Others*

Month	RESEARCH AND OTHER		TRAINING		Total Grants
	Federal	Non-Federal	Federal	Non-Federal	
July	\$ 84,699,550	\$ 3,384,315	\$ 9,776,757	\$ 226,080	\$ 98,086,700
August	\$ 53,590,660	\$ 5,137,674	\$ 7,914,685	\$ 0	\$ 66,643,020
September	\$ 90,787,430	\$ 3,932,069	\$ 9,263,558	\$ 164,451	\$ 104,147,500
October	\$ 57,813,560	\$ 8,630,334	\$ 6,130,011	\$ 155,787	\$ 72,729,690
November	\$ 17,799,160	\$ 976,483	\$ 1,145,695	\$ 606,373	\$ 20,527,710
December	\$ 24,735,870	\$ 4,139,161	\$ 102,730	\$ 193,486	\$ 29,171,250
January	\$ 28,362,900	\$ 12,267,870	\$ 1,290,516	\$ 680,002	\$ 42,601,290
February	\$ 34,430,480	\$ 2,027,890	\$ 1,170,230	\$ 750,000	\$ 38,378,600
March	\$ 32,394,290	\$ 1,626,292	\$ 3,185,760	\$ 0	\$ 37,206,340
April	\$ 55,444,090	\$ 1,766,909	\$ 11,124,150	\$ 34,525	\$ 68,369,670
May	\$ 60,902,770	\$ 831,133	\$ 5,862,178	\$ 604,808	\$ 68,200,890
Year to Date	\$ 540,960,800	\$ 44,720,130	\$ 56,966,270	\$ 3,415,512	\$ 646,062,700

Assuming acceptance of all awards by the Board of Regents

Summary of Grant Awards**Fiscal Year 2008-2009***Private awards from Foundations, Industry, Associations and Others*

Month	RESEARCH AND OTHER	TRAINING	Total Grants
July	\$ 6,878,668	\$ 512,428	\$ 7,391,096
August	\$ 12,186,370	\$ 397,418	\$ 12,583,790
September	\$ 10,619,370	\$ 83,395	\$ 10,702,760
October	\$ 34,771,180	\$ 440,967	\$ 35,212,150
November	\$ 24,972,490	\$ 1,185,445	\$ 26,157,940
December	\$ 8,611,615	\$ 64,676	\$ 8,676,291
January	\$ 15,142,940	\$ 95,814	\$ 15,238,760
February	\$ 10,627,290	\$ 12,376	\$ 10,639,660
March	\$ 9,523,421	\$ 0	\$ 9,523,421
April	\$ 11,163,840	\$ 39,291	\$ 11,203,130
May	\$ 13,387,530	\$ 58,891	\$ 13,446,420
Year to Date	\$ 157,884,700	\$ 2,890,701	\$ 160,775,400

Assuming acceptance of all awards by the Board of Regents

Summary of Contract Awards					
Fiscal Year 2008-2009					
Month	RESEARCH AND OTHER		TRAINING		Total Contracts
	Federal	Non-Federal	Federal	Non-Federal	
July	\$ 1,411,756	\$ 5,957,698	\$ 0	\$ 2,263,482	\$ 9,632,936
August	\$ 5,421,129	\$ 5,139,839	\$ 30,000	\$ 638,741	\$ 11,229,710
September	\$ 14,557,370	\$ 5,542,074	\$ 19,000	\$ 843,663	\$ 20,962,110
October	\$ 5,438,786	\$ 8,823,394	\$ 0	\$ 1,683,050	\$ 15,945,230
November	\$ 5,021,777	\$ 7,705,027	\$ 0	\$ 970,363	\$ 13,697,170
December	\$ 9,971,688	\$ 10,212,080	\$ 0	\$ 721,718	\$ 20,905,490
January	\$ 2,370,864	\$ 4,247,778	\$ 24,000	\$ 133,905	\$ 6,776,547
February	\$ 4,063,997	\$ 4,279,290	\$ 0	\$ 558,183	\$ 8,901,470
March	\$ 2,515,948	\$ 7,012,189	\$ 0	\$ 102,937	\$ 9,631,074
April	\$ 831,263	\$ 7,201,759	\$ 0	\$ 498,177	\$ 8,531,199
May	\$ 2,673,062	\$ 8,627,191	\$ 1,936,619	\$ 116,268	\$ 13,353,140
Year to Date	\$ 54,277,640	\$ 74,748,320	\$ 2,009,619	\$ 8,530,487	\$ 139,566,100

Assuming acceptance of all awards by the Board of Regents

Report of Grant and Contract Awards of \$1,000,000 or More

May 2009

**Requiring action of
The Board of Regents
of the
University of Washington**

**Office of Research
Office of Sponsored Programs**

Detail of Public Grant Awards

Federal

US Department of Energy (DOE)

US Department of Energy (DOE)

To:	R. G. Robertson, Professor Department of Physics	\$ 1,610,500
For:	Experimental Nuclear Physics	
Eff:	12/1/2008	Classified: No

Total for US Department of Energy (DOE): \$ 1,610,500

Total for US Department of Energy (DOE): \$ 1,610,500

US Department of Health and Human Services (DHHS)

Centers for Disease Control and Prevention (CDC)

To:	Grace C. John Stewart, Assoc Professor Department of Medicine	\$ 1,516,000
For:	University of Washington/Coptic Hospital Collaborative HIV-1 Care	
Eff:	4/1/2009	Classified: No

Total for Centers for Disease Control and Prevention (CDC): \$ 1,516,000

National Institutes of Health (NIH)

To:	Joel Kaufman, Professor Department of Environmental and Occupational Health Sciences	\$ 2,381,547
For:	DISCOVER Center: Cardiovascular Disease and Traffic Related Air Pollution	
Eff:	6/1/2009	Classified: No
To:	Stanley C Froehner, Professor Department of Physiology and Biophysics	\$ 1,315,571
For:	Molecular and Cellular Therapies for Muscular Dystrophy	
Eff:	6/1/2009	Classified: No
To:	Mary-claire King, Professor Department of Medicine	\$ 1,865,338
For:	A Genomic Approach to Schizophrenia	
Eff:	5/11/2009	Classified: No

National Institute of Allergy and Infectious Diseases (NIAID)

To:	Samuel I Miller, Professor Department of Medicine	\$ 7,969,159
For:	NWRCE for Biodefense and Emerging Infectious Diseases Research	
Eff:	3/1/2009	Classified: No

Total for National Institute of Allergy and Infectious Diseases (NIAID): \$ 7,969,159

Total for National Institutes of Health (NIH): \$ 13,531,615

Total for US Department of Health and Human Services (DHHS): \$ 15,047,615

National Science Foundation (NSF)

National Science Foundation (NSF)

To:	John D Bransford, Professor Department of Education	\$ 2,499,036
For:	The LIFE Center: Learning in Informal and Formal Environments	
Eff:	7/2/2004	Classified: No

Detail of Public Grant Awards

Federal

National Science Foundation (NSF)

National Science Foundation (NSF)

To: Helene J. Obradovich, Director \$ 3,119,500
Dean Grad School Admin

For: 2008-2009 NSF Graduate Research Fellowship

Eff: 6/16/2008 Classified: No

To: Gunther A. Uhlmann, Professor \$ 2,070,940
Department of Mathematics

For: EMSW21-RTG: Research Training Grant in Inverse Problems and
Partial Differential Equations

Eff: 6/1/2009 Classified: No

Total for National Science Foundation (NSF): \$ 7,689,476

Total for National Science Foundation (NSF): \$ 7,689,476

Total for Federal: \$ 24,347,591

Total Public Grants: \$ 24,347,591

Detail of Private Grant Awards

Foundations

Bill and Melinda Gates Foundation

To: Christopher J Murray, Professor \$ 2,068,239
Global Health

For: Copy of Global Burden of Disease

Eff: 3/6/2008

Classified: No

To: Paul Yager, Professor \$ 2,363,402
Bioengineering

For: A Point-of-Care Diagnostic System for the Developing World

Eff: 7/1/2005

Classified: No

Total for Bill and Melinda Gates Foundation: \$ 4,431,641

Total for Foundations: \$ 4,431,641

Total Private Grants: \$ 4,431,641

Detail of Contract Awards

Federal

US Department of Health and Human Services (DHHS)

National Institutes of Health (NIH)

National Institute of Allergy and Infectious Diseases (NIAID)

To: Dorothy L Patton, Professor \$ 1,697,440
Department of Obstetrics and Gynecology

For: Topical Microbicide Safety and Efficacy Evaluation in Nonhuman
Primates

Eff: 5/31/2007 Classified: No

*Total for National Institute of Allergy and Infectious Diseases
(NIAID):* \$ 1,697,440

National Library of Medicine (NLM)

To: Neil Rambo, Associate Dean Of Library \$ 1,936,619
Library

For: National Network of Libraries of Medicine, Pacific NW Region

Eff: 8/1/2006 Classified: No

Total for National Library of Medicine (NLM): \$ 1,936,619

Total for National Institutes of Health (NIH): \$ 3,634,059

Total for US Department of Health and Human Services (DHHS): \$ 3,634,059

Total for Federal: \$ 3,634,059

Total Contracts: \$ 3,634,059

Grand Total for all Awards \$ 32,413,291

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee**Adoption of University of Washington “Red Flag” PoliciesRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve the University of Washington’s policies regarding identity theft in compliance with the Federal Trade Commission’s Red Flag Rules, as set forth below.

BACKGROUND:

The Federal Trade Commission (FTC), in November 2007, issued what is known as the “Red Flag Rules,” requiring certain entities (financial institutions which provide accounts covered by the rules) to implement internal policies to help identify and prevent identity theft. Within the University, examples of applicable activities include the Federal Perkins Loan Program, offerings of plans for payment of tuition throughout the quarter, and payment arrangements with patients for health care services.

University administration has developed an institutional policy as prescribed by the FTC’s Red Flag Rules; UW Medicine has developed a specific policy governing patient accounts. The University policy is attached and will be incorporated into the University’s Administrative Policy Statements; the UW Medicine policy is also attached and will be incorporated into the UW Medicine Compliance Policy Statements.

FTC’s rules require approval of these policies by the Board of Regents. As noted in the policies, University administration will provide periodic reports on the Red Flag programs implementation and administration to the Finance, Audit and Facilities committee, in accordance with the FTC requirements.

REVIEW AND APPROVALS

This recommendation has been approved by the Senior Vice President for Finance and Facilities and the CEO of UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine.

Attachments

1. Administrative Policy Statement 35.2 – Identity Theft Prevention: Red Flag Rules
2. UW Medicine Identity Theft Prevention Program Policy

Identity Theft Prevention: Red Flag Rules

(Approved by the Senior Vice President for Finance and Facilities by authority of Executive Order No. 5 and the CEO of UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine by Executive Order No. 6)

1. Purpose and Scope

In its capacity as a creditor, the University of Washington (UW) is subject to 16 CFR 681 [http://www.access.gpo.gov/nara/cfr/waisidx_09/16cfr681_09.html], "Identity Theft Rules," which requires the establishment of a written Identity Theft Prevention Program for covered accounts (defined below). To protect existing consumers, reduce risk from identity fraud, and minimize potential damage from fraudulent new accounts with the least possible impact on business operations, the University establishes this Identity Theft Prevention Program (hereafter, the program). The program policies and guidelines apply to UW entities, departments, and employees when conducting business activity relating to UW covered accounts. Additional policies and procedures may be imposed by UW entities that have unique types of covered accounts.

2. Definitions

Covered Account: A consumer account that the University offers or maintains primarily for personal purposes and that involves multiple payments for goods or services provided by the University, or any other account for which there is a reasonably foreseeable risk of identity theft. Covered accounts may include, but are not limited to, tuition receivables, student loans and collections, and patient billing.

Identity Theft: Fraud committed using the identifying information of another person.

Personally Identifiable Information: An individual's first name and last name and at least one of the following data elements: social security number, driver's license number or identification card number, account number, credit card number, debit card number, security code, access code, or password of an individual's covered account.

Red Flag: A pattern, practice, or specific activity that indicates the possible existence of identity theft.

3. Policy

It is the policy of the University to:

- Identify covered accounts.
- Verify identification for any student, faculty member, staff member, or patient requesting services. The identification should be scrutinized to verify that it has not been altered or forged.
- Verify that the picture and physical description on the identification provided matches the appearance of the customer presenting the identification.

- Verify that the information on the identification is consistent with other information on file at the University, particularly information on the customer's account.
- Verify that requests for information updates have not been altered or forged, or that the paperwork does not give the appearance of having been destroyed and reassembled.
- Decline to share with a customer any more information than what is documented in the student system if there is a full Family Educational Rights and Privacy Act (FERPA) restriction [<http://www.washington.edu/students/reg/ferpafac.html>] on the account.
- Investigate and verify the correctness of unauthorized charges or transactions assessed in connection with a customer's account.
- Require UW entities, units, and/or departments that are responsible for a significant number or unique type of covered accounts (such as patient accounts in healthcare entities) to establish additional policies and procedures for detecting and responding to red flags.
- Include standard contractual language requiring entities that provide services associated with covered accounts to have policies and procedures to detect, prevent, and mitigate the risk of identity theft.
- Use due diligence to form a reasonable belief, when a notice of address discrepancy is received from a consumer reporting agency, that the information relates to the individual for whom the original request was submitted. In developing this belief, the UW entity will:
 - #1** Compare information received from the consumer/credit reporting agency with entity records (registration changes, change of address notifications, account information, etc.).
 - #2** Contact the student, faculty member, staff member, or patient to verify their address.
 - #3** Use other reasonable means to verify that the correct address is associated with the student, faculty member, staff member, or patient and consumer report.
- Promptly provide the correct address, after establishing a reasonable belief that the correct address is known, to the reporting agency that issued the notification of address discrepancy.
- Recognize that the issuing of credit plays an important role in this University program. The UW currently **does not issue** credit/debit cards. However, the University **does accept** credit and debit cards.
- Continue meeting the requirements of the Gramm-Leach-Bliley Act (GLBA) Policy [<https://www.washington.edu/admin/finacct/office/glb/glbprog.html>].
- Continue meeting the requirements of the Health Insurance Portability and Accountability Act (HIPAA) privacy [<http://depts.washington.edu/comply/privacy.shtml>] and security [<http://depts.washington.edu/comply/security.shtml>] policies.
- Continue meeting the requirements of the Emergency Medical Treatment and Active Labor Act (EMTALA), per 42 USC Section 1395dd.

4. Identification and Detection of Red Flags

The UW recognizes that the following types of notices, documents, personal information, and activities may be indicators or red flags that an individual's identity may be compromised:

a. Alerts, Notifications, or Warnings from a Consumer Reporting Agency

- #1** A fraud or credit alert is included with a consumer report.
- #2** A notice of credit freeze on a consumer report is provided from a consumer reporting agency.
- #3** A consumer report agency provides a notice of address discrepancy.
- #4** A consumer report indicates a pattern of activity inconsistent with the history and usual pattern of activity of a customer.

b. Suspicious Documents

- #1** Documents provided for identification appear to have been altered or forged.
- #2** The photograph and/or physical description on the identification is not consistent with the appearance of the customer presenting the identification.
- #3** Other information on the identification is not consistent with information provided by the person opening an account or presenting the identification.
- #4** Other information on the identification is not consistent with readily accessible information that is on file with the University.
- #5** An application appears to have been altered or forged, or gives the appearance of having been destroyed and reassembled.

c. Suspicious Personal Identifying Information

- #1** Personal identifying information provided is not consistent with external information sources used by the University.
- #2** Personal identifying information provided by the customer is not consistent with other personal identifying information provided by the customer.
- #3** Personal identifying information provided is associated with known fraudulent activity as indicated by internal or third-party sources used by the University.
- #4** The social security number provided is the same as that submitted by other persons opening an account or other customers.
- #5** The address or telephone number provided is the same as or similar to the account number or telephone number submitted by an unusually large number of other persons opening accounts or to other customers.
- #6** The person opening the account fails to provide all required personal identifying information on an application or in response to notification that the application is incomplete.
- #7** Personal identifying information provided is not consistent with personal identifying information that is on file with the University.

- #8** If the University uses a challenge question, the customer cannot provide authenticating information beyond that which generally would be available from a wallet or consumer report.

d. Unusual Use of, or Suspicious Activity Related to, the Covered Account

- #1** Shortly following the notice of a change of address, the University is made aware of a new cell phone number or the addition of authorized users on the account.
- #2** A new revolving credit account is used in a manner commonly associated with known patterns of fraud.
- #3** An account is used in a manner that is not consistent with established patterns of activity on the account.
- #4** An account that has been inactive for a reasonably lengthy period of time is used.
- #5** Mail sent to the customer is returned repeatedly as undeliverable although transactions continue to be conducted in connection with the account.
- #6** The University is notified of unauthorized charges or transactions in connection with a customer's account.

e. Notice from Customers, Victims of Identity Theft, Law Enforcement Authorities, or Other Persons Regarding Possible Identity Theft in Connection with Covered Accounts

The University is notified by a customer, a victim of identity theft, a law enforcement authority, or any other person that a fraudulent account has been opened.

f. Compromised Systems

Detection of compromised or breached systems that store covered accounts or personally identifiable information.

g. Additional Red Flags

The University recognizes that additional red flags may be identified by UW entities, units, and/or departments for specific types of covered accounts.

5. Responding to Red Flags

The University will respond appropriately to identified and detected red flags in order to prevent and mitigate identity theft. The response shall be commensurate with the degree of risk posed.

Once potentially fraudulent activity is detected, an employee must act quickly as a rapid appropriate response can protect customers and the University from damages and loss.

Approved standards and responsive action must be maintained by each unit based upon business and technical needs. The University recommends the following responses to red flags:

- Alert and involve a business unit manager;

- Notify designated University official;
- Monitor a covered account for evidence of identity theft;
- Where appropriate, change any passwords, security codes, or other security devices;
- Close an existing covered account;
- Reopen a covered account with a new account number if needed;
- Contact customer;
- Request additional documentation to validate identity;
- Handle per regulatory requirements under law if applicable;
- Handle per applicable University privacy and information security policies, as noted in Section 3;
- Notify law enforcement or regulatory entity; or
- Determine no response is warranted under the particular circumstances.

6. Administration of the Program

a. Board Approval of Written Program

The UW Board of Regents adopted the program on July 16, 2009.

b. Designation of University Official

The UW has designated the Senior Vice President for Finance and Facilities, and, for UW Medicine, the CEO of UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine, to be the program's two institutional officials. These officials are responsible for implementing program policies; seeing that entity-specific procedures are established; assigning responsibility for investigating and responding to red flags; periodically reassessing entity operations to verify where covered accounts are opened and maintained; recommending program modifications as needed; generating periodic status reports; and reporting annually to the Board of Regents' Finance, Audit, and Facilities Committee on the effectiveness of the UW Identity Theft Prevention Program.

c. Training

The University will train all employees, officials, and contractors for whom contact with covered accounts is reasonably foreseeable. Training will also be provided as changes to the program are made. Training will include operating procedures for identifying and detecting identity theft as well as responding to identity theft.

d. Security Practices of Contractors and Service Providers

The UW expects all third party contractors and service providers who handle covered accounts to follow and be compliant with all federal, state, and local laws or regulations that are applicable to the University, as well as University policies and procedures that are relevant to the underlying contract between the parties. The specific terms and issues of such compliance are addressed in the University contractual documents.

e. Reporting Requirements

Annual reporting requirements will be presented to the Board of Regents' Finance, Audit, and Facilities Committee.

7. Additional Information

For related policies, see:

- APS 2.1 [<http://www.washington.edu/admin/rules/APS/02.01TOC.html>], "UW Information Systems Security"
- UW Medicine Identity Theft Prevention Program Policies 1-6 [<http://depts.washington.edu/comply/policies.shtml>]

For additional information, contact one of the following offices:

Student Fiscal Services

- Phone: 206-685-7671
- Fax: 206-616-2678
- Campus mail: Box 355870
- Email: cashmgmt@u.washington.edu

UW Medicine Compliance

- Phone: 206-616-5248
- Fax: 206-221-5172
- Campus mail: Box 358049
- Email: comply@u.washington.edu

ITPP Policy Number: 1

Effective Date: August 1, 2009

PROGRAM COMPONENTS

Background

The University of Washington (UW) is subject to 16 CFR Part 681 "Identity Theft Rules". Section 16 CFR 681.2 imposes specific duties regarding the detection, prevention, and mitigation of identity theft on Creditors, including non-profit organizations and government entities that maintain Covered Accounts, including the requirement to develop and implement a written Identity Theft Prevention Program (ITPP). The UW Guidelines for Preventing, Detecting and Mitigating Identity Theft set forth the University level ITPP (UW ITPP) and apply to all University Covered Accounts.

UW Medicine entities collect registration and billing information to create Patient Accounts and/or bill for the provision of healthcare services. Patient Accounts are a specific subset of Covered Accounts. UW Medicine has established a specific ITPP for this specific subset of Covered Accounts.

Purpose and Scope

The following policy statements establish the UW Medicine Identity Theft Prevention Program (UW Medicine ITPP) for new and existing patient accounts, and articulate key responsibilities for program oversight and implementation. These policies apply to UW Medicine entities¹ and their workforce members.

Definitions

Covered Account: An account that a creditor offers or maintains, primarily for personal, family, or household purposes, that involves or is designed to permit multiple payments or transactions, or any other account for which there is a reasonably foreseeable risk from identity theft.

Creditor: Any entity that regularly extends, renews, or continues credit or any entity that regularly arranges for the extension, renewal, or continuation of credit.

Identity Theft: Fraud committed using the identifying information of another person.

Patient Account: For purposes of the UW Medicine ITPP, Patient Account means a Covered Account that is offered or maintained by a UW Medicine entity for a patient in connection with the provision of healthcare services.

¹ UW Medical Center, Harborview Medical Center, Airlift Northwest, UW Physicians (UWP), UW Medicine Neighborhood Clinics/UW Physicians Network (UWPN), UW School of Medicine

Red Flag: A pattern, practice, or specific activity that indicates the possible existence of identity theft.

Policy Statements

1. UW Medicine will maintain and administer an Identity Theft Prevention Program (ITPP) in order to detect, prevent, and mitigate identity theft in connection with new or existing patient accounts.
2. The initial UW Medicine ITPP will be approved by the UW Board of Regents. The UW Medicine Board Compliance Committee will receive periodic assessments of the effectiveness of the UW Medicine ITPP.
3. Each UW Medicine entity will:
 - a. Participate in periodic assessments of the UW Medicine ITPP to determine if program modifications are necessary.
 - b. Engage in periodic assessments of entity-specific procedures and activities to evaluate compliance with the UW Medicine ITPP and verify program effectiveness.
 - c. Report related activities at least annually to the CEO of UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine or his designee.
4. The UW Medicine ITPP includes the following components:
 - a. Risk Assessment (see 5b below).
 - b. Internal safeguards to prevent and mitigate identity theft (UW Medicine ITPP Policies 2 & 4).
 - c. A list of relevant red flags for patient accounts (UW Medicine ITPP Policy 3).
 - d. Recommended procedures to be followed when red flags are detected (UW Medicine ITPP Policies 3, 4, 5, 6).
 - e. Standard contract language requiring entities that provide services associated with patient accounts to have policies and procedures to detect, prevent and mitigate the risk of identity theft.
5. Roles and responsibilities associated with the oversight, implementation and management of the UW Medicine ITPP include the following:
 - a. The Designated Official (DO) for the UW Medicine ITPP is the CEO of UW Medicine, Executive Vice President for Medical Affairs, and Dean of the School of Medicine. The DO delegates the Associate Vice President for Medical Affairs/Chief Compliance and Privacy Officer with responsibility for overseeing development and maintenance of the UW Medicine ITPP; establishing requirements and timelines for entity status reports; coordinating system-wide assessments and case management for issues involving multiple entities; updating the program as needed; and preparing a system-wide status report.

- b. Each entity will designate an individual to oversee its implementation of UW Medicine ITPP policies; establish entity-specific procedures to ensure compliance; assign responsibility for investigating and responding to red flags; periodically reassess entity operations to verify where patient accounts are opened and maintained; recommend program modifications as needed; and generate periodic status reports. This designation will be established in consultation with the UW Medicine ITPP DO (see 5a above), and communicated in writing to appropriate entity officials and workforce members.
 - c. Each entity's Compliance Office oversees the development and delivery of UW Medicine ITPP training to its workforce members.
 - d. All UW Medicine workforce members are responsible for adhering to established policies and implementing procedural safeguards.
6. UW Medicine will adhere to the UW Guidelines for Preventing, Detecting and Mitigating Identify Theft for other types of covered accounts that may exist. Where appropriate, the UW Medicine ITPP incorporates safeguards established by the UW Guidelines.

References

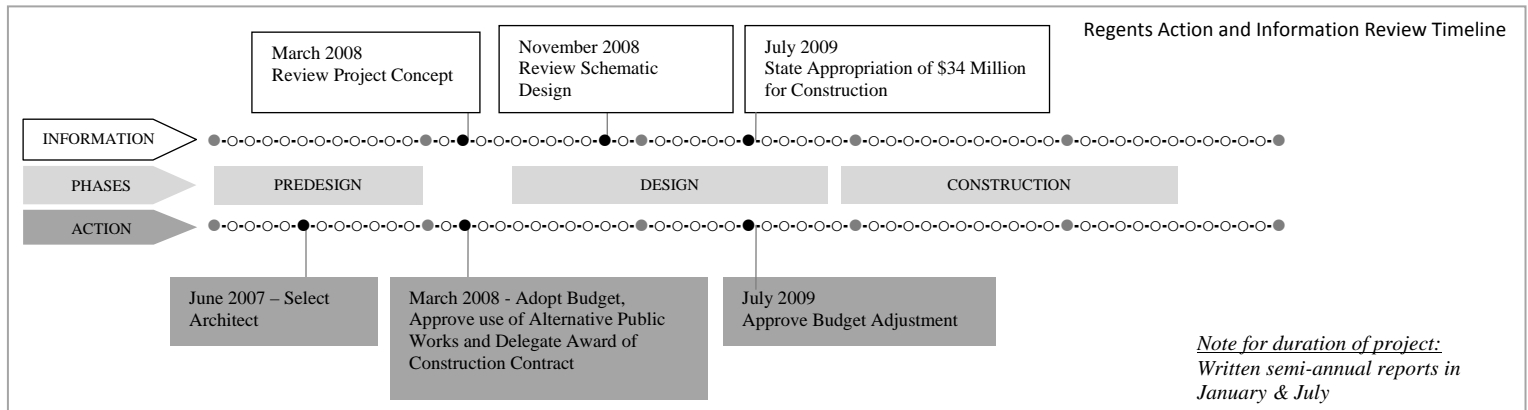
16 CFR 681: Identity Theft Rules (http://www.access.gpo.gov/nara/cfr/waisidx_08/16cfr681_08.html)

Associated Policies and Procedures

- UW Guidelines for Preventing, Detecting and Mitigating Identify Theft
- HMC Policy 135.17, Patient Identification Clarification Process

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

UW Tacoma Phase 3 – Approve Budget AdjustmentRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve a revision of the UW Tacoma Phase 3 project budget from \$60,150,000 to \$40,150,000.

PROJECT DESCRIPTION:

The Phase 3 development on the UW Tacoma campus will provide additional academic space to support expanded and new degree programs. The goal of the project is to develop capacity to accommodate at least 600 additional full-time equivalent students and transition to a model of a comprehensive four-year institution.

Anticipating a total project appropriation of \$60,150,000, the legislature allotted \$6.15 million in the 2007-2009 biennium for design of the Phase 3 project. Based upon expected construction funding of \$54 million in the 2009-2011 state appropriation, the Phase 3 scope has included a major renovation to the Joy Building, conversion of three rooms in the existing Science Building to wet labs, new construction of a four-story, 40,000 square foot building on Jefferson Street and other associated capital improvements. The actual 2009-2011 appropriation for the Phase 3 project is \$34 million, which will result in the elimination of the new Jefferson Street building from the project scope. It is this state funding reduction that causes the recommendation to reduce the project budget from \$60,150,000 to \$40,150,000.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

UW Tacoma Phase 3 – Approve Budget Adjustment (continued p. 2)

PREVIOUS ACTIONS:

At the June 2007 Board of Regents meeting, the President was delegated authority to award a design contract to Thomas Hacker Architects. In March 2008, the Board of Regents approved the project budget, approved the use of alternative public works utilizing the General Contractor/Construction Manager (GC/CM) method of contracting, and delegated authority to the President to award the construction contract. The Board of Regents reviewed the schematic design at its November 2008 meeting.

SCOPE OF THE PROJECT:

The Russell T. Joy Building (Joy Building) is a three-story, 47,000 gross square foot historic masonry structure, constructed in 1892, located on the west side of Pacific Avenue, in the Union Depot/Warehouse Special Review District. The planned restoration of the Joy Building will address structural, seismic, life safety, hazardous materials, accessibility and other code deficiencies and will improve the building enclosure (windows and masonry systems) to ensure the long-term preservation of the facility and safety of its occupants. The project will also upgrade all major building systems including mechanical, fire protection, and electrical systems to improve performance and energy efficiency, and upgrade communications and interior finish systems to meet modern classroom and academic program needs. The Joy Building will house general assignment classrooms totaling 698 seats and department space for the interdisciplinary arts and sciences program. A shelled out space will be provided on the Pacific Avenue level, which is currently designated for retail use per the University's agreement with the City of Tacoma.

Three rooms in the existing Science Building will be converted to wet/dry labs.

The now-cancelled new construction of a four-story, 40,000 square foot Jefferson Street building south of the Jet Tioga Building would have provided two levels devoted to library expansion and two levels of flexible office and program space. The loss of the Jefferson Street building leaves a significant programmatic shortfall in the capacity of the UW Tacoma campus to accommodate its growth in student population. To the extent that project funds within the final appropriation are not needed for the Joy Building and Science Building scopes, the remaining funds will be used for an as-yet-undefined solution to at least partially address this programmatic shortfall.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

UW Tacoma Phase 3 – Approve Budget Adjustment (continued p. 3)

SCHEDULE:

In late 2008, the project schedule was accelerated in order to be “shovel ready” for potential federal economic stimulus funds. Although this funding did not materialize, the project remains on its accelerated schedule.

Architect Selection	Completed in June 2007
Predesign	Completed in December 2007
Design	May 2008 through September 2009
Construction	July 2009 through January 2011
Occupancy and Use	Spring Term 2011

CURRENT PROJECT STATUS:

Under Delegated Authority, the Capital Projects Office entered into a Preconstruction Services agreement with John Korsmo Construction as the General Contractor/Construction Manager after a selection process which saw five firms submit qualifications, four firms interviewed, and three firms selected to submit final proposals.

To accommodate the accelerated project schedule, the design was broken into three parts: 1) the Science Building and underground electrical infrastructure; 2) Joy Building hazardous materials abatement, demolition and structural work; 3) remaining Joy Building renovation work. Construction of part 1 will commence in July 2009. Final construction documents for parts 2 and 3 are underway. Planning has begun on development of a solution to the loss of the Jefferson Street building.

SIGNIFICANT RISKS AND OPPORTUNITIES:

UW Tacoma continues to be challenged to optimize each new opportunity for growth to meet the transitioning needs of their campus. As the campus adds 270 full-time equivalent students each year, options to adequately meet the space requirements to support this growing enrollment increasingly diminish. This is exacerbated by the loss of the Jefferson Street building as a result of the reduced state appropriation.

The UW Tacoma recognizes that existing contaminated soils and underground water on the campus will continue to be a potential impact to the cost of construction and that planning for this cost is imperative for a successful project.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

UW Tacoma Phase 3 – Approve Budget Adjustment (continued p. 4)

The renovation of the Joy Building presents another opportunity to restore a long abandoned, historic masonry structure on Pacific Avenue. This building is the last campus-owned building on this street, between 21st and 15th Avenues to be restored, and it will complete the restoration of the retail core in this area.

Attachment

Summary Project Budget

**UNIVERSITY OF WASHINGTON
CAPITAL PROJECTS OFFICE - SUMMARY PROJECT BUDGET
ALTERNATE PROCUREMENT - GCCM**

PROJECT: UW Tacoma Phase 3

Project Number: 200636

ESTIMATED DATE OF COMPLETION: January 2011

	<u>Total Escalated Cost</u>	<u>% of TPC*</u>
BUDGET SUMMARY:		
PREDESIGN	\$ 351,000	1%
BASIC DESIGN SERVICES	\$ 3,048,000	8%
EXTRA SERVICES/REIMBURSABLES	\$ 2,160,000	5%
OTHER SERVICES	\$ 642,000	2%
DESIGN SERVICES CONTINGENCY	\$ 911,000	2%
CONSULTANT SERVICES **	\$ 7,112,000	18%
CONSTRUCTION CONTRACT	\$ 22,505,000	56%
OTHER CONTRACTS		
CONSTRUCTION CONTINGENCY	\$ 3,525,000	9%
SALES TAX	\$ 2,421,000	6%
CONSTRUCTION COST	\$ 28,451,000	71%
EQUIPMENT	\$ 1,756,000	4%
ARTWORK	\$ 86,000	0%
OTHER COSTS	\$ 492,000	1%
PROJECT ADMINISTRATION	\$ 2,253,000	6%
RELATED PROJECTS/MITIGATION		
OTHER COSTS	\$ 4,587,000	11%
TOTAL PROJECT COST (TPC)*	\$ 40,150,000	100%

Included in Above:

Escalation not applicable

SOURCE OF FUNDS:

State	\$ 40,150,000
TOTAL SOURCE OF FUNDS	\$ 40,150,000

** Design costs are higher than usual due to the sunk costs of design for the postponed Jefferson Street Building.

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee****Renaming the “West Campus Parking Garage” to the “Portage Bay Parking Facility”****RECOMMENDED ACTION:**

It is the recommendation of the Senior Vice President, the Associate Vice President for Facilities Services, and the University Names Committee, with the concurrence of President Mark Emmert, that the “West Campus Parking Garage” be renamed the “Portage Bay Parking Facility.”

BACKGROUND:

The West Campus Parking Garage Expansion project is nearing completion. The project was conceptualized to meet increasing needs for parking services in the south and west portions of campus. This increased capacity is also an integral component to mitigate the loss of parking space in E10, E11 and E12 parking lots during and after construction of the Sound Transit Station at Husky Stadium.

Renaming this facility the “Portage Bay Parking Facility” will better approximate and orientate patrons. Considering that significant use of the building will come from south portion of campus, via the Medical Center and the Health Sciences complex, the renaming is a better geographical representation for those coming from the south and west.

Attachment

University Names Committee Approval Letter



EVANS SCHOOL OF PUBLIC AFFAIRS

UNIVERSITY of WASHINGTON

May 19, 2009

Mark A. Emmert
President
301 Gerberding Hall
University of Washington
Box 351230

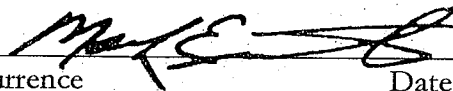
Dear President Emmert:

The University Names Committee has reviewed a request from Associate Vice President Charles Kennedy and Executive Vice President V'Ella Warren recommending two name changes for buildings. The newly completed West Campus Parking Garage would be re-named the Portage Bay Parking Facility to more clearly indicate its location. The Physical Plant Office Building would be re-named the Facilities Services Administration Building to align with current organizational identity for its sole occupants.

The University Names Committee has reviewed and approved both proposals. On behalf of the committee, I respectfully ask that you grant this request.

Sincerely,

Sandra O. Archibald
Dean and Professor
Chair, Campus Names Committee

 5/22/09
Concurrence Date
Mark A. Emmert, President

cc: University Names Committee
V'Ella Warren, Box 354998
Minnie Gonzales, Box 352215

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee****Renaming the “Physical Plant Office Building” to the “Facilities Services Administration Building”****RECOMMENDED ACTION:**

It is the recommendation of the Senior Vice President for Finance and Facilities, the Associate Vice President for Facilities Services and the University Names Committee, with the concurrence of President Mark Emmert, that the “Physical Plant Office Building” be renamed the “Facilities Services Administration Building.”

BACKGROUND:

The Physical Plant Office Building houses core administrative functions for Facilities Services, a division of Finance and Facilities. They have been known as “Facilities” for over twenty years, first as Facilities Management and, since 1994, as Facilities Services. This renaming reflects the organization’s commonly known identity as well as its place within the Finance and Facilities organization.

Attachment

University Names Committee Approval Letter



EVANS SCHOOL OF PUBLIC AFFAIRS

UNIVERSITY of WASHINGTON

May 19, 2009

Mark A. Emmert
President
301 Gerberding Hall
University of Washington
Box 351230

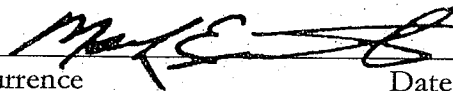
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Sincerely,

Sandra O. Archibald
Dean and Professor
Chair, Campus Names Committee

 5/22/09
Concurrence Date
Mark A. Emmert, President

cc: University Names Committee
V'Ella Warren, Box 354998
Minnie Gonzales, Box 352215

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee**Naming University of Washington Husky Ballpark “Chaffey Field”RECOMMENDED ACTION:

It is the recommendation of the Athletic Director and the University Names Committee, with the concurrence of President Mark Emmert, that the University of Washington Baseball Park be named “Chaffey Field.”

BACKGROUND:

In 1997, Herb Chaffey made a gift during the Athletic Department’s Campaign for the Student Athlete of \$789,000 that was to be directed toward the first phase of the Husky Baseball project. At that time, and consistent with the University naming policy that was in place at the time, the Athletic Department committed to naming the field in his honor. The formal and public naming of the field was delayed in accordance with the wishes of Mr. Chaffey.

Mr. Chaffey has now, in 2009, signed a gift in place agreement with the University of Washington that will allow the completion of phase two of the Husky Baseball project. This gift is valued at \$2.5 million. Mr. Chaffey has agreed that the time is appropriate to finalize the naming of the field, and the Athletic Department is prepared to honor Mr. Chaffey’s commitment to Husky baseball by naming the field at Husky Ballpark “Chaffey Field.”

Attachment

University Names Committee Approval Letter



April 23, 2009

Mark A. Emmert
President
301 Gerberding Hall
University of Washington
Box 351230

Dear President Emmert:

The University Names Committee has reviewed a request from Athletics Director Scott Woodard recommending that the UW baseball park be named Chaffey Field. This honor would recognize Mr. Chaffey's long commitment to the Husky Baseball Project. His support has included significant gifts to both Phase 1 and 2 of the project.

The University Names Committee has reviewed and approved the proposal. On behalf of the committee, I respectfully ask that you grant this request.

Sincerely,

Sandra O. Archibald
Dean and Professor
Chair, Campus Names Committee

Concurrence

Mark A. Emmert, President

May 4, 2009

Date

cc: University Names Committee
V'ella Warren, Box 354998
Minnie Gonzales, Box 352215

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee**Actions Taken Under Delegated Authority

Pursuant to the Standing Orders of the Board of Regents, Delegation of Authority, and to the delegation of authority from the President of the University to the Senior Vice President in Administrative Order No. 1, to take action for projects or contracts that exceed \$1,000,000 in value or cost but are less than \$5,000,000, the Administration may approve and execute all instruments.

REPORT OF ACTIONS TAKEN UNDER GENERAL DELEGATED
AUTHORITY – CAPITAL PROJECT BUDGETS

1. Clark Road Culvert Replacement, Project 202090
Action Reported: Select Engineer, Award Construction Contract, Adopt
Budget

On October 4, 2007, an agreement for engineering services was awarded to KPFF Consulting Engineers for the Clark Road Culvert Replacement project. The value of the design contract is \$43,323, and the proposed budget for all consultant services for the project is \$283,333. The balance includes previously performed hydraulic analysis, geotechnical reports, and environmental/wetland permitting - for a cost of \$136,552. The remainder of the consultant budget is intended for construction administration and geotechnical and environmental site observation and testing.

KPFF Consulting Engineers is a Seattle based civil and structural engineering firm with experience at the University. They were the On-Call Civil and Structural Engineer from 2005-2008. In the past three years, KPFF has completed road improvement, structural design, demolition, utility upgrades and drainage infrastructure projects at the UW.

On May 19, 2009, a construction contract was awarded to Road Construction Northwest, Inc. of Renton, Washington, in the amount of \$412,000 for the Clark Road Culvert Replacement project. Six bids were received for this project; the highest bid was \$679,893. The budgeted construction cost was \$349,687.

Road Construction Northwest, Inc. is a general contractor that is well versed in all phases of public works construction specializing in road construction infrastructure and underground utilities. They have experience with local agencies and the state of Washington. Road Construction Northwest's projects range from complete roadway reconstruction, major sanitary sewer and storm water systems gravity and force, water mains, and wetland mitigations to concrete walkways and pathways.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Actions Taken Under Delegated Authority (continued p. 2)

Construction is anticipated to start in June 2009 and complete in October 2009.

This project is to replace the existing 42" culvert under Clark Road in the Montlake Landfill. The project will install a 14' wide by 10' tall culvert that is suitable for fish passage.

The project budget is established at \$1,020,000. The original budget for the project was \$770,000. The budget was increased due to unforeseen consultant costs to address environmental issues and increased construction costs due to Washington Department of Fish and Wildlife requiring a larger culvert than originally anticipated.

The project funding of \$1,020,000 is from UW Facilities Services.

Budget Summary:	Original Budget	Revised Budget
Total Consultant Svcs	\$199,662	\$283,333
Total Construction Cost*	\$467,683	\$634,084
Other Costs	\$36,768	\$36,696
Project Administration	\$65,887	\$65,887
Total Project Budget	\$770,000	\$1,020,000

* Includes construction contract amount, contingencies and state sales tax.

2. UWMC 3NN and 3NE Otolaryngology Eye Center, Project 202995 Action Reported: Select Architect

On June 22, 2009, an agreement for architectural services was awarded to Zimmer Gunsul Frasca Architects LLP (ZGF), for the Otolaryngology Eye Center Project located at the University of Washington Medical Center (UWMC). Three firms were interviewed on April 30, 2009: Zimmer Gunsul Frasca Architects LLP, Mahlum Architects and SABArchitects, Inc. The agreement amount for the professional services contract is \$49,643. The total budget for consulting services will be established as the scope of work continues to be developed.

ZGF has a local presence in healthcare, including Seattle Cancer Care Alliance, Overlake Hospital Medical Center, Children's Hospital and Regional Medical Center, and Good Samaritan Hospital in Puyallup. ZGF has experience working with the UW on the Molecular Engineering Interdisciplinary Academic Building. They have been in business in Seattle for over 40 years, and have offices in Seattle, Portland, Los Angeles, Washington D.C. and New York.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Actions Taken Under Delegated Authority (continued p. 3)

The current Eye Center occupies approximately 6,600 square feet on the third floor of UWMC. The Eye Center will be relocating their operations on July 1st to Harborview Eye Institute. Otolaryngology is expanding into the space vacated by the Eye Center. This project will be phased to maintain current operations. Phase one of five, which consists primarily of interior finishes upgrade, is scheduled to begin in July, 2009,

The project budget will be established as the scope is further defined, but is expected to be approximately \$1,400,000.

REPORT OF ACTIONS TAKEN UNDER GENERAL DELEGATED AUTHORITY – ACQUISITION OF GOODS AND SERVICES

1. Pain Medicine – Roosevelt Pain Management Clinic – RFP#MB 120508 Action Reported: Award Purchase Order Contract

The Radiology Department in conjunction with the Roosevelt Pain Management Clinic purchased a Philips Fluoroscopy system, the Allura Xper FD20. The technology is state of the art for Pain Medicine and this system will be the only one of its kind in the Seattle area. The primary physician is Dr. Alex Cahana along with Dr. William Shuman. This system will also be used for teaching and research and development.

Based on the data received from RFP #MB120508, Philips was awarded the Purchase Order Contract, PO #CAP0945809. Three Suppliers responded to RFP #MB120508, GE, Philips and Siemens. GE was eliminated due to their system being a “floor” mount not “ceiling” mount system. The major portion of the decision was related to the technical analysis performed on all received quotations by Brent Stewart, PhD, Professor of Radiology. The Philips system met the majority of the solicitation technical requirements and has a more reliable service track record with the engineers at the UWMC. The total of the purchase with tax is \$1,166,773.50. The warranty is one year and the cost for service will be \$78,804/annually.

This purchase was budgeted in the PAIN CLINIC RELOCATION PROJECT #40-7985.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Actions Taken Under Delegated Authority (continued p. 4)

2. Department of Genome Sciences Action Reported: Sole Source Purchase

The Department of Genome Sciences is purchasing four new-generation GAIIX genome analyzers, four paired-end modules (used to supply reagents to the analyzers), and one cluster station (which hybridizes and amplifies samples into clusters for subsequent sequencing). This latest generation of instrumentation dramatically decreases the cost of DNA sequencing and promises to revolutionize studies of human genetic variation and genome science. This technology will enable comprehensive capture of individuals' variations at costs allowing widespread applications in disease association studies.

A sole source purchase has been issued to Illumina Inc. based on continuity of research. The total contract amount is \$1,943,525.00 for the equipment (with a one-year extended warranty for each unit) and is sales tax- exempt. The price is considered fair and reasonable.

Funding is shared equally by a Genome Sciences Cost Center Holding Equipment Reserve budget and a WRF (Warfarin) gift budget. The cost-center budget will be reimbursed by the state through the lease-purchase program.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

UW

**Report of
Contributions**

University of Washington
University of Washington Foundation

May, 2009



UNIVERSITY OF WASHINGTON

All Areas

REPORT OF CONTRIBUTIONS

May 2009

REPORT BY: UNIVERSITY ADVANCEMENT, ADVANCEMENT SERVICES, INFORMATION MANAGEMENT

ANNUAL PROGRESS BY CONSTITUENCY

School	Current Month				Year to Date			
	Gifts	Grants	Total	Donors ¹	Gifts	Grants	Total	Donors
UW Medicine	\$1,402,860	\$14,198,224	\$15,601,084	2,382	\$29,076,325	\$97,799,380	\$126,875,706	15,706
Arts and Sciences	\$2,295,775	\$313,759	\$2,609,534	1,666	\$17,292,333	\$6,257,164	\$23,549,497	14,203
Broadcast Services	\$769,579	\$0	\$769,579	3,148	\$3,549,737	\$0	\$3,549,737	15,613
Built Environments	\$14,153	\$0	\$14,153	115	\$1,079,041	\$993,000	\$2,072,041	1,295
Business School	\$376,076	\$45,000	\$421,076	254	\$22,960,555	\$45,000	\$23,005,555	3,959
Dentistry	\$131,514	\$0	\$131,514	230	\$1,661,328	\$748,460	\$2,409,788	1,440
Education	\$184,256	\$0	\$184,256	308	\$2,368,092	\$1,002,694	\$3,370,786	1,566
Engineering	\$619,145	\$1,252,239	\$1,871,384	338	\$10,453,701	\$7,140,075	\$17,593,776	4,099
Environment	\$0	\$0	\$0	0	\$4,671,093	\$0	\$4,671,093	27
Evans School of Public Affairs	\$23,148	\$0	\$23,148	54	\$597,374	\$1,922,267	\$2,519,641	418
Forest Resources	\$1,060,737	\$66,504	\$1,127,240	85	\$1,821,173	\$1,561,185	\$3,382,358	1,029
Friday Harbor Labs	\$27,541	\$0	\$27,541	46	\$1,172,300	\$0	\$1,172,300	376
Information School	\$55,741	\$0	\$55,741	52	\$798,376	\$862,000	\$1,660,376	578
Intercollegiate Athletics	\$416,041	\$0	\$416,041	1,391	\$11,557,405	\$0	\$11,557,405	12,353
Minority Affairs	\$26,365	\$0	\$26,365	198	\$175,880	\$200,000	\$375,880	465
Law	\$47,452	\$245,000	\$292,452	175	\$2,330,481	\$245,000	\$2,575,481	1,791
Libraries	\$28,200	\$0	\$28,200	579	\$928,769	\$0	\$928,769	4,885
Nursing	\$69,688	\$0	\$69,688	174	\$2,103,940	\$1,082,211	\$3,186,151	1,584
Ocean and Fishery Sciences	\$71,853	\$214,767	\$286,620	91	\$1,273,343	\$8,338,319	\$9,611,662	708
Pharmacy	\$13,174	\$3,081	\$16,255	120	\$1,098,015	\$601,951	\$1,699,966	985
President's Funds	\$46,588	\$0	\$46,588	166	\$2,924,805	\$0	\$2,924,805	1,612
Public Health	\$20,721	\$1,090,988	\$1,111,708	108	\$753,550	\$14,131,312	\$14,884,861	732
Social Work	\$102,289	\$0	\$102,289	49	\$1,234,156	\$50,100	\$1,284,256	672
Student Affairs	\$103,844	\$0	\$103,844	313	\$2,677,147	\$0	\$2,677,147	2,789
Undergraduate Academic Affairs	\$5,429	\$0	\$5,429	64	\$398,520	\$20,000	\$418,520	340
University Press	\$22,840	\$0	\$22,840	15	\$206,144	\$0	\$206,144	163
UW Alumni Association	\$154,841	\$0	\$154,841	3,394	\$909,352	\$0	\$909,352	18,204
UW Bothell	\$4,866	\$125,000	\$129,866	95	\$261,050	\$1,954,590	\$2,215,640	557
UW Tacoma	\$37,391	\$0	\$37,391	146	\$1,856,639	\$23,965	\$1,880,604	714
Other University Support	\$16,479	\$0	\$16,479	143	\$4,781,784	\$739,791	\$5,521,575	2,021
Total	\$8,148,586	\$17,554,562	\$25,703,147	15,112	\$132,972,409	\$145,718,463	\$278,690,873	95,699

MONTHLY HIGHLIGHTS

The UW received \$25.70M in total private voluntary support (\$8.15M in gifts and \$17.55M in grants) in the current month.

Areas including UW Medicine, Built Environments, Business School, Education, Environment, Forest Resources, Friday Harbor Labs, Minority Affairs, Law, Nursing, Public Health, Student Affairs, Undergraduate Academic Affairs and UW Bothell are ahead of last year's year-to-date totals.

¹ Donors are defined as those entities who have a credit amount of greater than \$0.00.

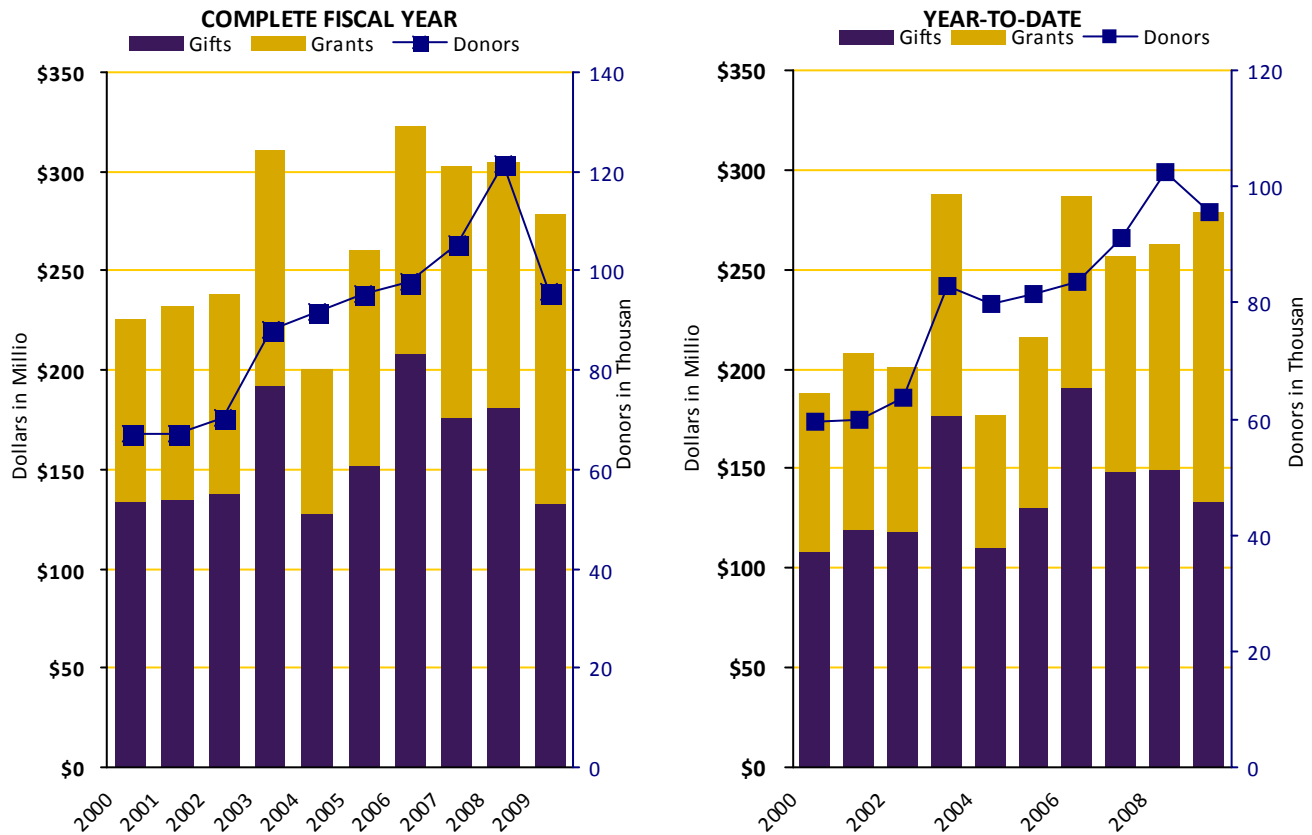
The donor total at the bottom of the chart is not a cumulative total of the rows above. The donor total is the number of unique donors who have been credited with a gift to the UW during the given time period.

DEVELOPMENT SUMMARY BY CONSTITUENCY

School	Current Month		Year to Date		Prior Year to Date		Prior Year Total	
	Total	Donors	Total	Donors	Total	Donors	Total	Donors
UW Medicine	\$15,601,084	2,382	\$126,875,706	15,706	\$115,590,034	17,809	\$128,084,404	18,602
Arts and Sciences	\$2,609,534	1,666	\$23,549,497	14,203	\$29,762,245	14,257	\$36,159,265	15,040
Broadcast Services	\$769,579	3,148	\$3,549,737	15,613	\$7,629,914	16,751	\$12,124,630	21,710
Built Environments	\$14,153	115	\$2,072,041	1,295	\$1,763,786	1,266	\$2,552,681	1,467
Business School	\$421,076	254	\$23,005,555	3,959	\$11,833,987	4,381	\$13,215,754	4,667
Dentistry	\$131,514	230	\$2,409,788	1,440	\$3,372,041	1,261	\$3,479,430	1,340
Education	\$184,256	308	\$3,370,786	1,566	\$2,580,365	1,573	\$2,778,307	1,637
Engineering	\$1,871,384	338	\$17,593,776	4,099	\$18,776,973	4,396	\$22,826,602	4,653
Environment	\$0	0	\$4,671,093	27	\$0	0	\$0	0
Evans School of Public Affairs	\$23,148	54	\$2,519,641	418	\$3,060,352	417	\$3,350,952	493
Forest Resources	\$1,127,240	85	\$3,382,358	1,029	\$2,280,793	1,066	\$2,552,419	1,151
Friday Harbor Labs	\$27,541	46	\$1,172,300	376	\$542,251	437	\$553,591	454
Information School	\$55,741	52	\$1,660,376	578	\$3,280,079	593	\$3,893,390	639
Intercollegiate Athletics	\$416,041	1,391	\$11,557,405	12,353	\$15,924,620	13,485	\$20,268,275	25,073
Minority Affairs	\$26,365	198	\$375,880	465	\$0	0	\$0	0
Law	\$292,452	175	\$2,575,481	1,791	\$2,188,064	2,013	\$2,865,343	2,166
Libraries	\$28,200	579	\$928,769	4,885	\$1,513,881	4,582	\$1,599,016	4,714
Nursing	\$69,688	174	\$3,186,151	1,584	\$3,108,488	1,721	\$3,155,721	1,775
Ocean and Fishery Sciences	\$286,620	91	\$9,611,662	708	\$10,060,495	789	\$12,310,301	829
Pharmacy	\$16,255	120	\$1,699,966	985	\$2,903,663	1,079	\$3,038,164	1,127
President's Funds	\$46,588	166	\$2,924,805	1,612	\$630,650	2,112	\$961,234	2,240
Public Health	\$1,111,708	108	\$14,884,861	732	\$9,351,613	686	\$9,774,188	732
Scholarships and Student Programs	\$0	0	\$0	0	\$6,484,423	5,825	\$7,075,190	6,407
Social Work	\$102,289	49	\$1,284,256	672	\$1,414,079	845	\$1,633,711	895
Student Affairs	\$103,844	313	\$2,677,147	2,789	\$0	0	\$0	0
Undergraduate Academic Affairs	\$5,429	64	\$418,520	340	\$0	0	\$0	0
University Press	\$22,840	15	\$206,144	163	\$402,624	285	\$414,094	293
UW Alumni Association	\$154,841	3,394	\$909,352	18,204	\$966,758	19,072	\$1,146,912	21,851
UW Bothell	\$129,866	95	\$2,215,640	557	\$274,975	720	\$302,577	795
UW Tacoma	\$37,391	146	\$1,880,604	714	\$2,558,602	735	\$4,420,119	967
Other University Support	\$16,479	143	\$5,521,575	2,021	\$4,273,342	2,301	\$4,423,387	2,518
Total¹	\$25,703,147	15,112	\$278,690,873	95,699	\$262,529,098	102,555	\$304,959,657	121,447

¹ The donor total at the bottom of the chart is not a cumulative total of the rows above. The donor total is the number of unique donors who have been credited with a gift to the UW during the given time period.

FISCAL YEAR COMPARISON OF TOTAL CONTRIBUTIONS



Fiscal Year	Complete Fiscal Year				Year to Date			
	Gifts	Grants	Total	Donors	Gifts	Grants	Total	Donors
2008-2009	\$132,972,409	\$145,718,463	\$278,690,873	95,699	\$132,972,409	\$145,718,463	\$278,690,873	95,699
2007-2008	\$180,735,444	\$124,224,214	\$304,959,657	121,447	\$149,374,507	\$113,154,591	\$262,529,098	102,555
2006-2007	\$176,490,215	\$126,399,369	\$302,889,584	105,353	\$148,440,970	\$107,907,490	\$256,348,460	91,213
2005-2006	\$207,744,231	\$115,261,186	\$323,005,417	97,876	\$190,107,545	\$96,947,162	\$287,054,707	83,616
2004-2005	\$151,969,925	\$108,802,371	\$260,772,296	95,227	\$130,236,981	\$85,036,054	\$215,273,035	81,488
2003-2004	\$128,174,367	\$71,603,323	\$199,777,690	91,903	\$110,607,045	\$65,698,478	\$176,305,523	79,741
2002-2003	\$192,573,183	\$118,677,722	\$311,250,905	88,259	\$176,755,934	\$111,251,784	\$288,007,718	82,892
2001-2002	\$137,959,340	\$100,820,547	\$238,779,887	70,560	\$118,125,206	\$82,636,715	\$200,761,921	63,450
2000-2001	\$134,797,642	\$97,112,979	\$231,910,621	67,307	\$119,227,091	\$88,148,568	\$207,375,659	59,797
1999-2000	\$134,037,997	\$91,536,165	\$225,574,162	67,351	\$108,698,852	\$78,589,207	\$187,288,059	59,407

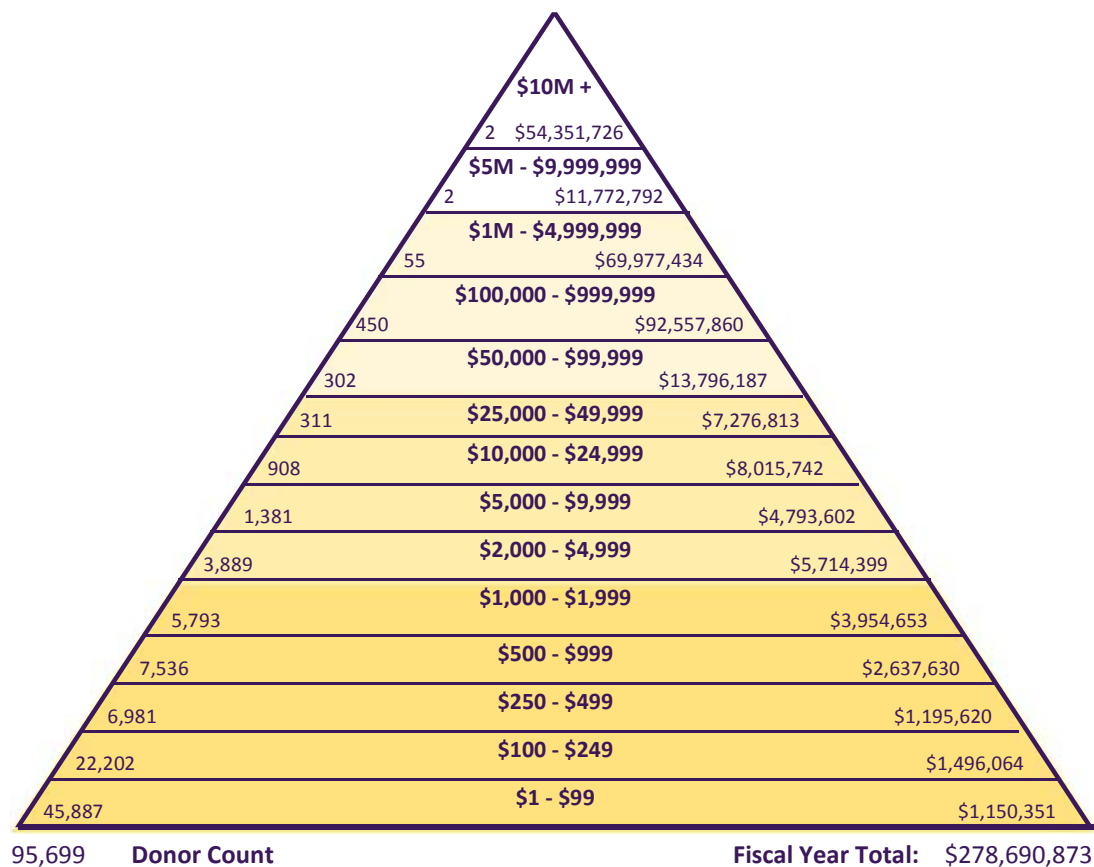
ANNUAL FUNDING THEME PROGRESS

Theme	Year to Date		
	Current Use	Endowment	Total
Student Support	\$7,751,025	\$17,067,905	\$24,818,930
Faculty Support	\$5,583,684	\$13,091,484	\$18,675,168
Program Support for Faculty and Students	\$174,091,789	\$16,117,388	\$190,209,177
Capital	\$18,203,296	\$1,619	\$18,204,915
Excellence Funds	\$24,225,671	\$2,557,012	\$26,782,683
Total	\$229,855,465	\$48,835,408	\$278,690,873

DEVELOPMENT ACTIVITY BY DONOR TYPE

Donor Type	Year to Date		Prior Year to Date		Prior Fiscal Year	
	Donors	Total	Donors	Total	Donors	Total
Alumni	44,508	\$35,160,667	48,409	\$49,587,850	55,089	\$57,128,097
Corporations	2,534	\$55,668,393	2,781	\$52,845,513	3,255	\$61,590,177
Family Foundations	162	\$12,764,656	166	\$11,339,302	172	\$13,349,493
Foundations	391	\$78,911,849	401	\$69,860,959	431	\$75,371,489
Non-Alumni	47,540	\$38,948,305	50,424	\$29,998,793	61,914	\$40,209,765
Organizations	564	\$57,237,003	537	\$48,896,681	586	\$57,285,487
Total	95,699	\$278,690,873	102,718	\$262,529,098	121,447	\$304,934,507

DEVELOPMENT ACTIVITY PYRAMID



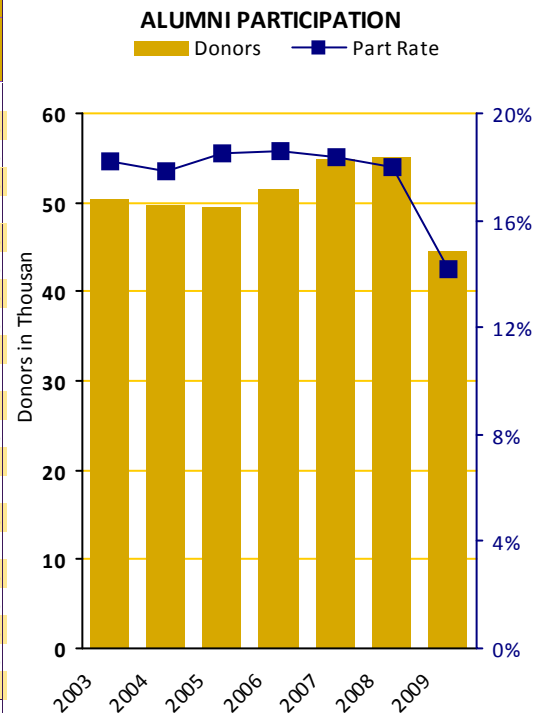
ANNUAL PROGRESS BY GIVING LEVEL

Giving Level	Alumni	Non Alumni	Family Fndns.	Corporations	Foundations	Other Orgs.	Total
\$10M +	\$0	\$0	\$0	\$0	\$38,531,520	\$15,820,206	\$54,351,726
\$5M - \$9,999,999	\$0	\$6,650,000	\$0	\$0	\$0	\$5,122,792	\$11,772,792
\$1M - \$4,999,999	\$9,444,585	\$10,499,129	\$6,438,543	\$13,567,783	\$16,501,059	\$13,526,334	\$69,977,434
\$100,000 - \$999,999	\$10,547,169	\$10,436,857	\$4,705,662	\$29,842,090	\$18,845,315	\$18,180,766	\$92,557,860
\$50,000 - \$99,999	\$1,694,921	\$1,537,025	\$535,112	\$5,034,383	\$2,835,072	\$2,159,674	\$13,796,187
\$25,000 - \$49,999	\$1,127,502	\$1,269,213	\$514,725	\$2,233,294	\$1,048,371	\$1,083,708	\$7,276,813
\$10,000 - \$24,999	\$2,037,858	\$1,565,795	\$369,926	\$2,468,417	\$770,766	\$802,980	\$8,015,742
\$5,000 - \$9,999	\$1,852,119	\$1,275,311	\$110,304	\$1,099,603	\$201,123	\$255,142	\$4,793,602
\$2,000 - \$4,999	\$2,744,603	\$1,864,787	\$59,751	\$753,248	\$110,746	\$181,264	\$5,714,399
\$1,000 - \$1,999	\$1,923,994	\$1,526,062	\$27,432	\$370,992	\$44,314	\$61,859	\$3,954,653
\$500 - \$999	\$1,452,144	\$964,602	\$2,550	\$182,711	\$12,761	\$22,862	\$2,637,630
\$250 - \$499	\$692,819	\$432,828	\$250	\$55,105	\$5,150	\$9,469	\$1,195,620
\$100 - \$249	\$905,125	\$530,548	\$350	\$46,726	\$4,955	\$8,359	\$1,496,064
\$1 - \$99	\$737,827	\$396,146	\$50	\$14,042	\$697	\$1,589	\$1,150,351
Total	\$35,160,667	\$38,948,305	\$12,764,656	\$55,668,393	\$78,911,849	\$57,237,003	\$278,690,873

Giving Level	Alumni	Non Alumni	Family Fndns.	Corporations	Foundations	Other Orgs.	Total
\$10M +	0	0	0	0	1	1	2
\$5M - \$9,999,999	0	1	0	0	0	1	2
\$1M - \$4,999,999	11	15	4	9	8	8	55
\$100,000 - \$999,999	76	114	27	115	61	57	450
\$50,000 - \$99,999	63	79	11	74	41	34	302
\$25,000 - \$49,999	64	97	17	69	34	30	311
\$10,000 - \$24,999	260	344	26	173	53	52	908
\$5,000 - \$9,999	551	544	22	190	31	43	1,381
\$2,000 - \$4,999	1,736	1,729	21	299	38	66	3,889
\$1,000 - \$1,999	2,521	2,840	25	322	35	50	5,793
\$500 - \$999	3,548	3,600	4	321	22	41	7,536
\$250 - \$499	3,183	3,555	1	195	16	31	6,981
\$100 - \$249	9,565	12,151	3	381	33	69	22,202
\$1 - \$99	22,930	22,471	1	386	18	81	45,887
Total	44,508	47,540	162	2,534	391	564	95,699

ALUMNI PARTICIPATION BY CONSTITUENCY (CURRENT FISCAL YEAR)

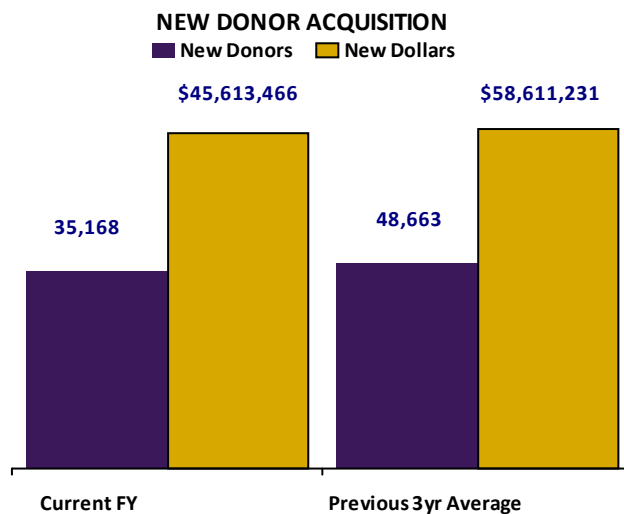
Area	Solicitable	To UW		To Unit	
		Year to Date	Part Rate	Year to Date	Part Rate
Donors				Donors	
Part Rate				Part Rate	
UW Medicine	19,109	3,287	17.20%	2,184	11.43%
Arts and Sciences	145,069	18,706	12.89%	6,394	4.41%
Business School	37,913	6,322	16.68%	2,229	5.88%
Built Environments	8,096	1,296	16.01%	573	7.08%
Dentistry	4,501	1,113	24.73%	670	14.89%
Education	18,944	3,060	16.15%	600	3.17%
Engineering	32,856	4,470	13.60%	2,306	7.02%
Evans School of Public Affairs	2,394	489	20.43%	199	8.31%
Forest Resources	4,601	644	14.00%	343	7.45%
Interdisc. Grad. Programs	1,719	236	13.73%		
Interdisc. Undergrad. Programs	247	23	9.31%		
Interschool Programs	493	68	13.79%		
Information School	4,516	860	19.04%	379	8.39%
Law	7,755	1,607	20.72%	924	11.91%
School of Nursing	8,661	1,658	19.14%	920	10.62%
Ocean & Fisheries	4,038	625	15.48%	324	8.02%
Pharmacy	3,529	809	22.92%	577	16.35%
Public Health	4,465	749	16.77%	283	6.34%
Social Work	6,428	910	14.16%	417	6.49%
UW Bothell	6,635	732	11.03%	266	4.01%
UW Tacoma	7,685	687	8.94%	331	4.31%
Unspecified	11,813	1,832	15.51%		
ALL UW TOTAL	314,219	44,508	14.16%		



ALUMNI PARTICIPATION BY CONSTITUENCY (PREVIOUS FISCAL YEAR)

Area	Solicitable	To UW				To Unit			
		Year to Date		FY Total		Year to Date		FY Total	
		Donors	Part Rate	Donors	Part Rate	Donors	Part Rate	Donors	PFFY Final
UW Medicine	18,010	3,329	18.48%	3,822	21.22%	2,127	11.81%	2,243	12.45%
Arts and Sciences	141,595	18,977	13.40%	23,047	16.28%	5,713	4.03%	5,948	4.20%
Business School	37,430	6,813	18.20%	8,231	21.99%	2,416	6.45%	2,559	6.84%
Built Environments	7,965	1,278	16.05%	1,563	19.62%	565	7.09%	617	7.75%
Dentistry	4,579	1,097	23.96%	1,215	26.53%	597	13.04%	627	13.69%
Education	18,902	3,307	17.50%	3,870	20.47%	573	3.03%	589	3.12%
Engineering	32,393	4,731	14.61%	5,569	17.19%	2,194	6.77%	2,310	7.13%
Evans School of Public Affairs	2,329	511	21.94%	619	26.58%	176	7.56%	190	8.16%
Forest Resources	4,603	678	14.73%	801	17.40%	312	6.78%	324	7.04%
Interdisc. Grad. Programs	1,622	241	14.86%	293	18.06%				
Interdisc. Undergrad. Programs	225	8	3.56%	22	9.78%				
Interschool Programs	453	47	10.38%	70	15.45%				
Information School	4,370	860	19.68%	1,004	22.97%	376	8.60%	405	9.27%
Law	7,780	1,701	21.86%	1,942	24.96%	1,038	13.34%	1,086	13.96%
School of Nursing	8,598	1,743	20.27%	1,980	23.03%	993	11.55%	1,018	11.84%
Ocean & Fisheries	3,911	648	16.57%	788	20.15%	323	8.26%	331	8.46%
Pharmacy	3,426	878	25.63%	997	29.10%	619	18.07%	648	18.91%
Public Health	4,318	691	16.00%	793	18.36%	263	6.09%	276	6.39%
Social Work	6,404	943	14.73%	1,105	17.25%	469	7.32%	496	7.75%
UW Bothell	6,084	651	10.70%	873	14.35%	212	3.48%	224	3.68%
UW Tacoma	7,003	631	9.01%	927	13.24%	247	3.53%	313	4.47%
Unspecified	10,866	2,050	18.87%	2,433	22.39%				
ALL UW TOTAL	305,971	45,903	15.00%	55,089	18.00%				

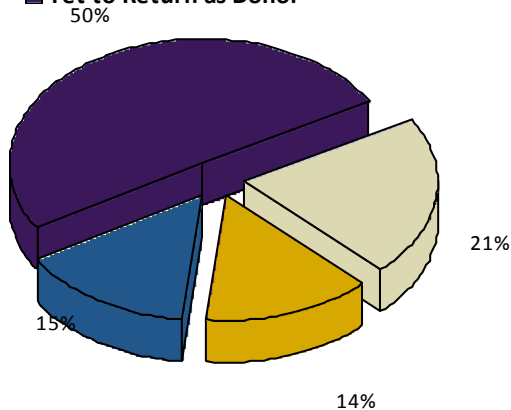
KEY PERFORMANCE INDICATORS



	New Donors	New Dollars
Current FY	35,168	\$45,613,466
Previous 3yr Average	48,663	\$58,611,231

DONOR RETENTION (CURRENT FY)

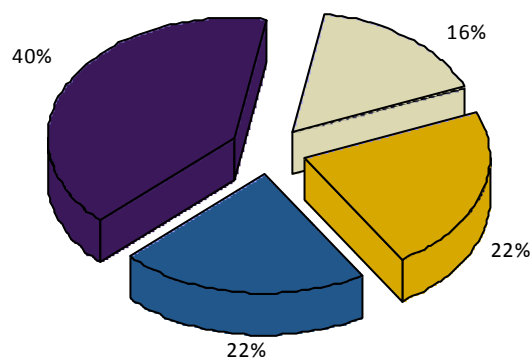
■ Returning Donor - Decreased Giving
 ■ Returning Donor - Increased Giving
 ■ Returning Donor - Same Giving
 ■ Yet to Return as Donor



	Donors	Dollars
Returning Donor - Decreased Giving	25,162	\$62,154,014
Returning Donor - Increased Giving	17,175	\$164,162,245
Returning Donor - Same Giving	18,194	\$6,761,148
Yet to Return as Donor	60,911	

DONOR RETENTION (PREVIOUS 3YR AVG)

■ Returning Donor - Decreased Giving
 ■ Returning Donor - Increased Giving
 ■ Returning Donor - Same Giving
 ■ Yet to Return as Donor



	Donors	Dollars
Returning Donor - Decreased Giving	16,124	\$65,278,811
Returning Donor - Increased Giving	22,023	\$178,192,234
Returning Donor - Same Giving	21,414	\$8,169,227
Yet to Return as Donor	39,919	

Donor counts may vary slightly due to donor crediting preferences.

Three-year averages are based on fiscal year totals and do not reflect year-to-date status.

Source: University Advancement, Information Management Report # devrpts_s090646

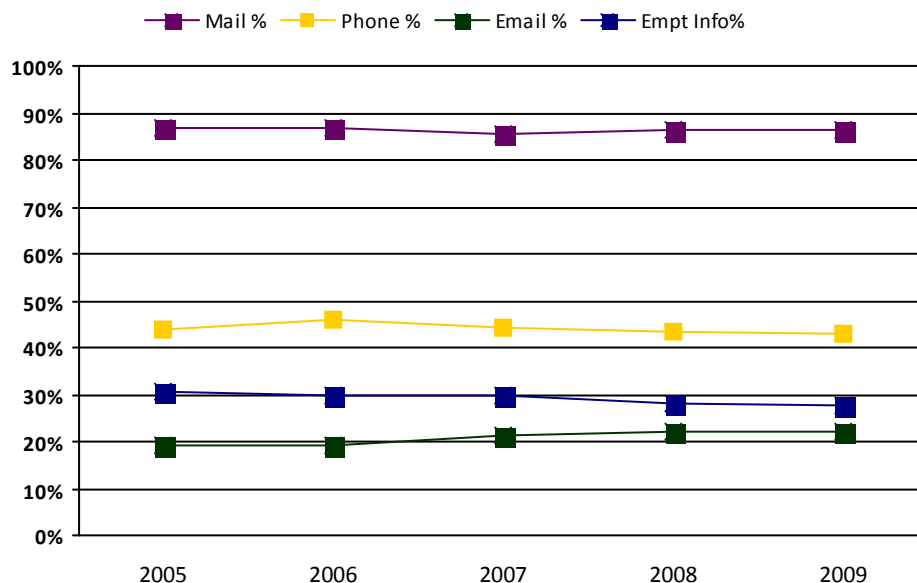
REPORT OF CONTRIBUTIONS, UNIVERSITY OF WASHINGTON May 2009

All Areas

STATE OF THE DATABASE

School	Alumni	Friends	Total	Mailable	Mail %	Phonable	Phone %	Emailable	Email %	Emp Info	Emp %
UW Medicine	22,813	37,543	60,356	55,748	92.37%	32,888	54.49%	12,823	21.25%	18,075	29.95%
Arts and Sciences	178,249	18,854	197,103	166,289	84.37%	76,691	38.91%	43,780	22.21%	52,931	26.85%
Broadcast Services	0	43,036	43,036	42,380	98.48%	18,237	42.38%	5,100	11.85%	7,185	16.70%
Built Environments	9,461	1,734	11,195	9,965	89.01%	5,267	47.05%	2,631	23.50%	4,318	38.57%
Business School	46,366	3,926	50,292	42,503	84.51%	21,716	43.18%	14,126	28.09%	21,459	42.67%
Dentistry	5,057	1,617	6,674	6,205	92.97%	4,004	59.99%	1,779	26.66%	2,040	30.57%
Education	25,316	2,485	27,801	21,455	77.17%	11,484	41.31%	3,945	14.19%	8,024	28.86%
Engineering	40,897	4,067	44,964	37,234	82.81%	18,763	41.73%	10,116	22.50%	17,044	37.91%
Environment	0	35	35	35	100.00%	27	77.14%	20	57.14%	16	45.71%
Evans School of Public Affairs	2,714	591	3,305	3,095	93.65%	1,855	56.13%	1,479	44.75%	1,817	54.98%
Forest Resources	5,640	1,712	7,352	6,306	85.77%	3,583	48.74%	1,621	22.05%	2,713	36.90%
Graduate School	1,966	1,250	3,216	3,048	94.78%	2,038	63.37%	1,446	44.96%	1,524	47.39%
Information School	5,709	403	6,112	5,081	83.13%	3,197	52.31%	1,651	27.01%	2,495	40.82%
Intercollegiate Athletics	0	8,865	8,865	8,726	98.43%	6,909	77.94%	3,851	43.44%	3,615	40.78%
Minority Affairs	0	984	984	969	98.48%	753	76.52%	488	49.59%	546	55.49%
Law	8,779	1,761	10,540	9,672	91.76%	5,208	49.41%	4,186	39.72%	4,737	44.94%
Libraries	0	12,305	12,305	12,145	98.70%	10,442	84.86%	2,379	19.33%	2,222	18.06%
Nursing	10,765	1,496	12,261	10,187	83.08%	5,748	46.88%	2,647	21.59%	4,787	39.04%
Ocean and Fishery Sciences	4,923	828	5,751	4,899	85.19%	2,569	44.67%	1,309	22.76%	2,276	39.58%
Pharmacy	4,214	847	5,061	4,409	87.12%	2,570	50.78%	1,345	26.58%	2,248	44.42%
President's Funds	0	4,119	4,119	4,047	98.25%	3,256	79.05%	1,400	33.99%	2,221	53.92%
Public Health	5,117	854	5,971	5,468	91.58%	3,063	51.30%	2,367	39.64%	2,806	46.99%
Social Work	7,781	847	8,628	7,397	85.73%	3,539	41.02%	1,668	19.33%	2,958	34.28%
Student Affairs	0	9,692	9,692	9,560	98.64%	7,512	77.51%	3,467	35.77%	4,366	45.05%
Undergraduate Academic Affairs	0	1,050	1,050	1,022	97.33%	786	74.86%	452	43.05%	424	40.38%
University Press	0	813	813	780	95.94%	554	68.14%	258	31.73%	296	36.41%
UW Alumni Association	0	42,935	42,935	42,124	98.11%	27,931	65.05%	19,371	45.12%	17,063	39.74%
UW Bothell	7,490	919	8,409	7,911	94.08%	4,072	48.42%	2,741	32.60%	1,480	17.60%
UW Tacoma	8,594	961	9,555	8,985	94.03%	4,649	48.66%	2,692	28.17%	1,394	14.59%
Other University Support	861	7,687	8,548	8,217	96.13%	6,174	72.23%	3,651	42.71%	2,113	24.72%
Unspecified School	16,741	0	16,741	11,744	70.15%	6,530	39.01%	1,893	11.31%	3,744	22.36%
No Degree\Gift Affiliation	0	260,678	260,678	237,245	91.01%	147,624	56.63%	28,984	11.12%	47,114	18.07%
Total	387,826	378,004	765,830	672,287	87.79%	365,905	47.78%	131,909	17.22%	185,623	24.24%

Database Trends



VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Internal Lending Program Quarterly Report

For information only.

Attachment

Internal Lending Program Quarterly Report for Quarter Ended June 30, 2009

Average
Cost of
Debt
4.7%

Internal Lending Program Quarterly Report

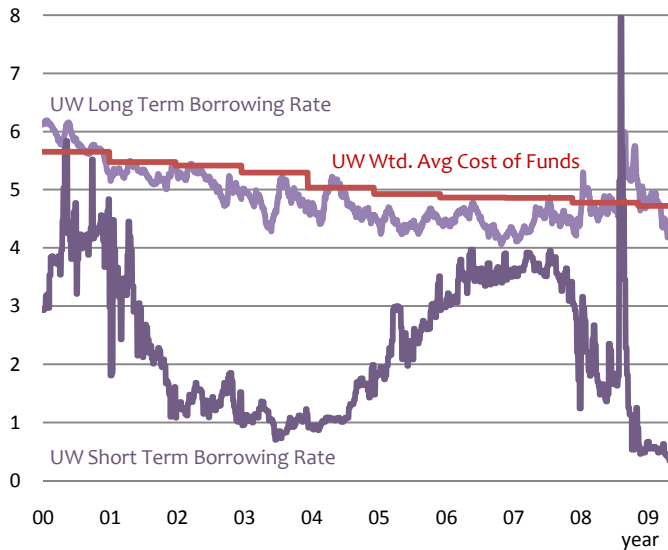
Quarter Ended June 30, 2009

(dollars in millions)

Internal
Lending
Rate
5.5%

Interest Rates

Short term rates have remained low and the yield curve continues to be steep, putting the ILP rate about 35 basis points above the long term external rate.



External Borrowing

The UW issued \$76M in fixed rate taxable bonds in June 2009 under the Build America Bonds program. The bonds have a net interest rate of 3.97% and a weighted average maturity of 30 years.

Debt Issued to Fund ILP	Issued FY09	Total Outstanding	Wtd. Avg Rate	Wtd. Avg Maturity (yrs)
Commercial Paper	30	30	0.6%	0.05
Variable Rate	0	0	n/a	n/a
Fixed Rate	76	621	4.6%	15.9
ILP Total	106	651	4.4%	15.1
Non-ILP Debt	0	376	5.1%	13.1
Total Debt	106	1,027	4.7%	14.4

Note: Used \$76M of \$100M authorization for FY2009.

Internal Lending

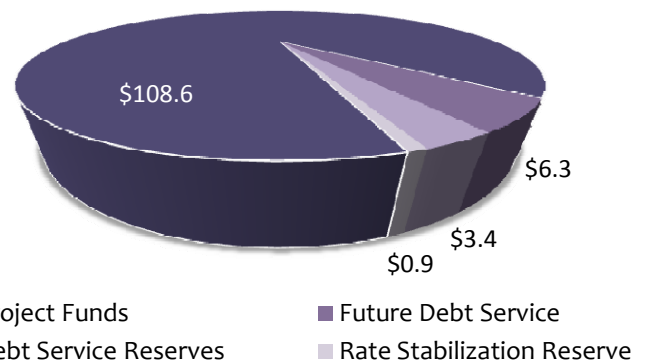
Projects approved in the prior quarter were Housing Phase 1 (\$164M) and Molecular Engineering (\$78M).

	As of 6/30/08	FY09	Total
Approved Project Budget			
Internal Loans	207	294	501
Cash	34	77	111
Total Approved Budget	241	371	612
Capital Expenditures Funded to Date			
Internal Loans	3	17	20
Cash	13	41	54
Total Funded to Date	16	58	74

Cash Position

ILP balances increased by \$67.6M (net) over prior quarter primarily due to the 2009 debt issuance that is reserved for project funding. Rate stabilization reserves increased by \$0.3M during this quarter.

Beginning Balance Jul-08	\$42.9
Internal Debt Service	\$57.3
External Debt Service	(\$50.2)
Net Debt Proceeds	\$70.3
Expenses	(\$1.1)
Ending Balance Jun-09	\$119.2

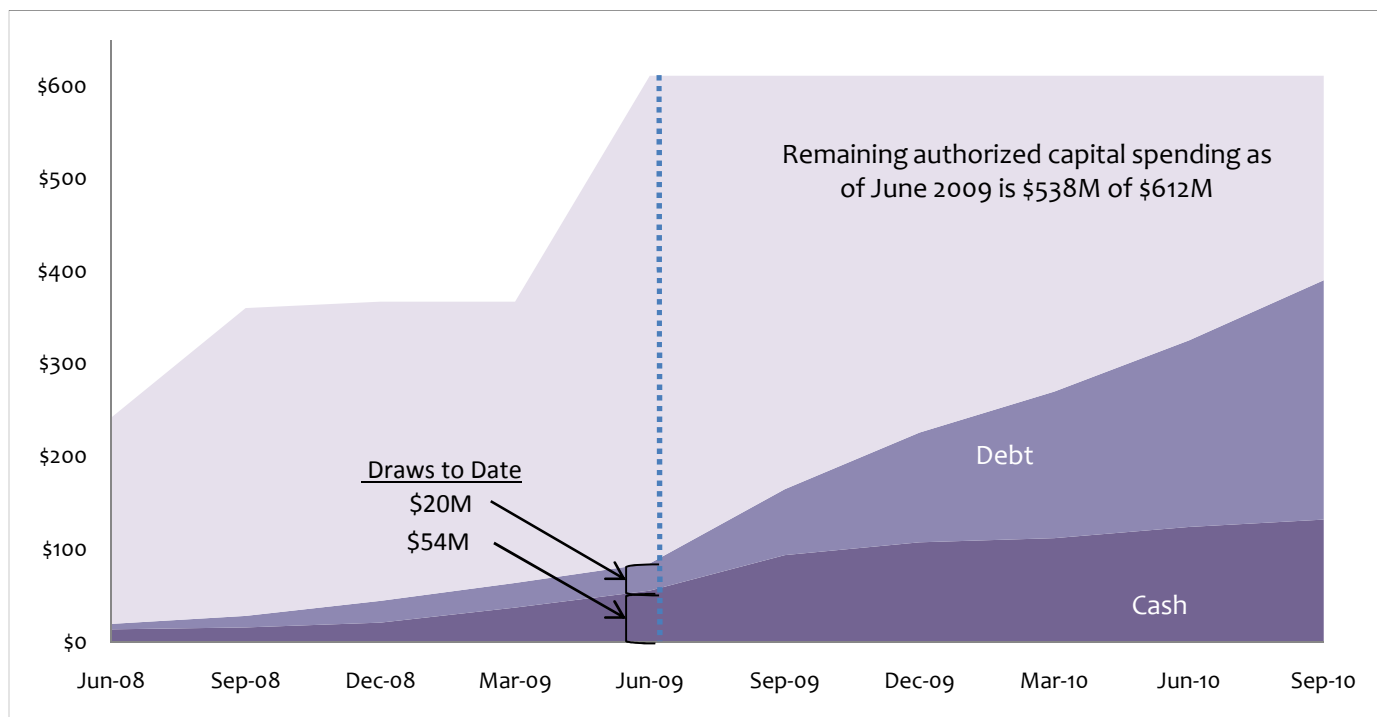


Internal Lending Program - Approved Funding

Project Name	Date Approved	Debt	Cash	Total Approved Budget	Spent to Date (all sources)
West Campus Garage Addition	Oct-07	3	15	18	76%
UWMC Expansion	Feb-08	156	9	165	9%
AAALAC Projects	Mar-08	25	3	28	32%
Pediatric Dentistry	Mar-08	11	6	17	8%
Tower Improvements	Mar-08	13	0	13	83%
J-Wing	Jul-08	16	8	24	3%
PACCAR Business School	Jul-08	30	65	95	20%
AAALAC Budget Increase	Nov-08	7	0	7	0%
Housing Phase 1	May-09	164	0	164	1%
Alumni Association TI's	May-09*	2	0	2	4%
Molecular Engineering	Jun-09	74	5	79	3%
Total		501	111	612	12%

* Note: approved under delegated authority.

Project Funding By Source - Actual and Projected



VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee**University of Washington Bothell – Student Housing RatesRECOMMENDATION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Regents approve the rental rates for UW Bothell student housing.

BACKGROUND:

- The University of Washington Bothell began accepting freshmen in 2006.
- The freshman class has grown from 135 in the first year to an expected 340 for autumn 2009.
- Student recruitment has expanded to include the entire state of Washington.
- Freshman and sophomore students expect a more robust student life program.
- We are pursuing a student center, expanded food service and student housing to meet the needs of our growing student population.
- In the long run, UW Bothell intends to build or acquire student housing.

As a first step, the University of Washington Bothell is planning to master lease a small apartment building near the campus and manage the property for student housing beginning autumn quarter 2009.

A request for proposals (RFP) was sent out to apartment complexes within a 1.5 mile radius of campus in early winter. Twelve proposals were received. A team from the UW Real Estate Office, UW Bothell Administration and Planning, and UW Bothell Student Life reviewed the RFPs, toured facilities, and selected the preferred property. A Letter of Intent was signed with the property owner for a one year lease, with five one year options.

During the past several months, UW Bothell representatives have consulted with the Provost's Office, the Office of Planning and Budgeting (including the Capital and Space Planning Office), the Attorney General's Office, Risk Management, the Real Estate Office and representatives from UW Housing and Food Services to ensure that necessary analysis has been completed and all appropriate steps taken prior to implementing this initial housing program. The Chancellor and Vice Chancellor have also discussed this plan with the Mayor and City Manager of Bothell and have ensured that applicable city codes and zoning support the proposal.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

University of Washington Bothell - Student Housing Rates (continued p. 2)

The apartment complex will house up to 44 students, plus two undergraduate or graduate community advisors (similar to a resident advisor). All apartments are one bedroom, one bathroom and will be furnished. The complex is approximately one quarter mile from campus and is within walking distance to shops, restaurants, and bus lines. There will be student life programming specifically designed for the residential community.

A financial pro forma has been prepared to ensure that the housing program can operate on a self-sustaining basis including facility costs, student life programming, insurance, community advisory expenses and other expenses. The cost of furniture, roughly \$120,000, will be depreciated over ten years. The pro forma shows positive net revenue by year two, and recouping initial start-up costs by year three. Based on this pro forma the following rental rates are proposed:

Annual Contract

For the period Sept 25, 2009 to September 17, 2010

Double Occupancy	\$ 625/mo (\$ 1,875/quarter)
Single Occupancy	\$ 1,100/mo (\$ 3,300/quarter)

Academic Year Contract

For the period Sept 25, 2009 to June 13, 2010

Double Occupancy	\$ 775/mo (\$ 2,325/quarter)
Single Occupancy	\$ 1,350/mo (\$ 4,050/quarter)

Rates are per person and include all utilities (water, sewer, garbage, electricity, basic cable, and Internet) except phone service.

Attachment
Pro forma

UNIVERSITY OF WASHINGTON BOTHELL
Student Housing
For the 2009-2010 Academic Year

6-Year Housing Model						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Expenses						
Rent	\$ 236,160	\$ 236,160	\$ 240,883	\$ 248,110	\$ 255,553	\$ 263,220
Utilities	50,400	51,912	53,469	55,073	56,726	58,427
Furniture	12,000	12,000	12,000	12,000	12,000	12,000
Liability Insurance	-	5,000	10,000	10,000	10,000	10,000
Other Expenses	6,975	5,475	4,975	4,975	4,475	4,475
Startup costs	25,000					
Total Expenses	\$ 330,535	\$ 310,547	\$ 321,328	\$ 330,158	\$ 338,754	\$ 348,122
Revenue						
Application Fee	\$ 1,950	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268
Rent (Single Occupied)	62,700	65,835	69,127	74,104	79,291	84,049
Rent (Double Occupied)	242,250	254,363	267,081	287,112	306,348	321,666
Total Revenue	\$ 306,900	\$ 321,465	\$ 337,475	\$ 362,483	\$ 386,907	\$ 406,982
Net Income (Loss)	\$ (23,635)	\$ 10,918	\$ 16,147	\$ 32,325	\$ 48,153	\$ 58,860
Cumulative Net Income (Loss)	\$ (23,635)	\$ (12,717)	\$ 3,430	\$ 35,755	\$ 83,908	\$ 142,768
Student Monthly Rent--12 months	\$ 625 / \$ 1100	\$ 655 / \$ 1155	\$ 690 / \$ 1210	\$ 740 / \$ 1300	\$ 790 / \$ 1390	\$ 830 / \$ 1475
Student Monthly Rent--9 months	\$ 775 / \$ 1350	\$ 814 / \$ 1418	\$ 854 / \$ 1488	\$ 897 / \$ 1563	\$ 942 / \$ 1641	\$ 989 / \$ 1723

VII. STANDING COMMITTEES**B. Finance, Audit & Facilities Committee**Establishing a Student Facilities Renovation FeeRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

- 1) the establishment of a new Services and Activities Fee (hereafter referred to as the Student Facilities Renovation Fee) for the UW Seattle campus at an amount not to exceed \$95 per quarter per student with part-time students being charged rates proportionate to that of full-time students; and to be implemented separately and proportionally for each project upon substantial completion of the renovated spaces (September 2011 for the Ethnic Cultural Center and Hall Health Primary Care Center, and September 2012 for the Husky Union Building).

BACKGROUND

The Student Facilities Renovation Fee will pay for debt service on the internal loan supporting the renovations of the Husky Union Building (HUB), the Ethnic Cultural Center (ECC), and the Hall Health Primary Care Center (HHPCC). The proposed renovations have been under consideration for several years and have been discussed with the Board of Regents several times. The most recent presentation to the Board was at the June 2009 meeting, where the project concept and the funding model for each project were discussed. Separate action items approving each of the renovation projects will be presented to the Board at the July 2009 meeting.

During winter and spring quarters of 2009, the HUB renovation, the HHPCC renovation, and the ECC renovation were presented to the Associated Students of University of Washington (ASUW), Graduate and Professional Student Senate (GPSS), and Services and Activities Fee Committee (SAFC) on the UW Seattle campus to determine whether the students would advocate for the issuance of debt to fund project construction. The ASUW and GPSS endorsed the projects with overwhelming support and the SAFC voted on May 22, 2009 to establish a new student fee to pay for the HUB renovation, the ECC renovation, and the HHPCC renovation.

In Engrossed Substitute House Bill (ESHB) 1244 that adopted the State of Washington operating budget for the 2009-11 biennium, the State legislature authorized the governing boards of the state research universities, the state

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Establishing a Student Facilities Renovation Fee (continued p. 2)

regional universities, and the Evergreen State College to adjust tuition and fees within certain parameters that are specified in Section 603 of ESHB 1244. Section 603(5) states: "Each governing board is authorized to adopt or increase services and activities fees for all categories of students as provided in RCW 28B.15.069." RCW 28B.15.069 imposes limitations on how much existing services and activities fees can be increased and acknowledges that the services and activities fee committee authorized under RCW 28B.15.045 may initiate a request for fee increases.

In materials submitted to the state legislature as part of the 2009-11 state budget process, the university highlighted that it intended to implement a Student Facilities Renovation Fee of up to \$102 per quarter on the UW Seattle campus. The Student Facilities Renovation Fee that is being adopted under this action item is well below the level listed in those materials.

The Student Facilities Renovation Fee will be implemented when the renovations of the HUB, the ECC, and the HHPCC are substantially complete. Under the current project construction plan, the Student Facilities Renovation Fee shall be set at an expected \$17 per quarter in September 2011, when the renovations of the Ethnic Cultural Center and the Hall Health Primary Care Center are expected to be substantially complete. The Student Facilities Renovation Fee shall be increased to an expected \$90 per quarter in September 2012, when the renovation of the Husky Union Building is expected to be substantially complete.

Attachments

1. Services & Activities Fee Committee Recommendation
2. SAF Revenue and Expense Summary



Services & Activities Fee Committee Committee Recommendation

June 23, 2009

Mr. Eric Godfrey
Vice Provost for Student Life
University of Washington
Schmitz 476
Seattle, Washington 98195

Dear Mr. Godfrey

On May 22, 2009, the Services & Activities Fee Committee met to review and ultimately approve recommendations regarding the renovation and expansion of Hall Health Primary Care Center (HHPCC), the Ethnic Cultural Center (ECC), and the Husky Union Building (HUB). This recommendation represents nearly four years and countless hours of extensive and excellent work by faculty, staff, and most importantly, UW students. The Committee recommends moving forward with these three capital projects by indebting students with a new student fee.

This recommendation finalizes the two year process that SAFC requires for units whose projects would necessitate the SAFC to institute a new long-term fee on students. Two consecutive committees approved of these projects, along with the endorsements from the Associated Students of the University of Washington and the Graduate and Professional Student Senate.

These renovations will open the door to a new era of student life on the Seattle campus, providing an environment that fosters the brightest students and meets the needs of the rapidly changing ways in which they learn.

Hall Health Primary Care Center Renovation

The existing Hall Health Primary Care Center building suffers from many deficiencies that substantially impact the ability to provide modern, quality health care to the student population. The existing Hall Health building was constructed in 1936 for a student population that was a small fraction of the current size, and an addition was completed thirty years ago in 1978. The building is old and outdated, suffering many ailments on top of overall wear and tear including:

ATTACHMENT 1

- Insufficient space to serve students
- Confusing internal circulation
- Significant lack of privacy
- Poor use of space
- Very little flexibility
- Inability to meet 21st century healthcare needs

The remodel would substantially increase the ability to take care of our student population and drastically improve the experience for every student using HHPCC's many services. In addition to fixing the above stated problems, the remodel looks to the future, forecasting the needs of the changing student population and the changing healthcare environment. These include greatly increased ability to provide mental healthcare as well as a greater ability to generate revenue from non-students to subsidize the healthcare costs to students.

The Committee approves of the proposed phasing for the project, and commends the project planners for minimizing the impact on students to the greatest extent. SAFC recommends moving forward with this project.

Ethnic Cultural Center Renovation

The University established the Ethnic Cultural Center in 1968 to increase minority enrollment and ethnic and cultural awareness. The ECC has and continues to foster some of the most vibrant and passionate communities on campus, enabling countless students to find a home and a calling within a large urban campus. These communities grew exponentially in the forty years since, and current student demand far exceeds capacity; currently, over 60 Registered Student Organizations seek space within the building. The new building would increase the size of the building to about 25,000 GSF, more than doubling the current size of 10,000 GSF. This new space will provide:

- Increased space for Registered Student Organizations
- New work spaces for student activities
- Additional meeting rooms
- Improved communal and lounge spaces

The greatly needed renovation would demonstrate the university's commitment to diversity and its power to increase the quality of education and to enrich campus culture. The Committee found the level of student involvement in the ECC project extraordinary: students initiated and drove the project every single step of the way. The ECC grew from a student-led effort, and the new construction is the same, "of the students, for the students, and by the students." The Committee recommends moving forward on the project.

Husky Union Building Renovation

The Husky Union Building is the heart of our campus, the place where students gather, learn, lead,, develop a sense of community, and create lasting friendships and experiences. It is the busiest building on campus, with over 4,000 programs and events and approximately 800,000 visitors each quarter. The HUB is 60 years old, first opened in 1949 with renovations in 1952, 1963, and 1975, ,and the age shows. The building suffers from many ailments including decentralization of programs and services, very poor circulation and wayfinding, and a general inability to provide a welcoming, open space for students to gather and build community. The number of activities outgrew the building as well; there are now over 700 Registered Student Organizations and there is currently a one-year waiting list to book a venue for large-scale student events. More importantly, the building is deficient in functional ways, providing insufficient safety for our student population. The building suffers from:

- Inadequate ventilation
- Extensive asbestos problems
- Insufficient accessibility (not up to ADA)
- Aging mechanical, and electrical systems
- Damaged seismic systems due to Nisqually earthquake

The renovation would solve these problems with a modern, attractive, and environmentally friendly building that students can be proud of. This project will create and enhance spaces, programs, and service to foster community engagement. Some features of the new HUB will be: enhanced multi-purpose areas for programs, events, and gatherings; improved meeting and board rooms for student governments and organizations; an improved location and better visibility for the Student Resource Center; better visual and programmatic connection the HUB lawn; lounges that enhance opportunities for collaborative interactions; and improved ballroom and event spaces. Additionally, the building would be an open and welcoming space, a space that students could gather and feel at home in between classes or during their long hours of studying.

Like the ECC, students initiated this project and were instrumental from the very beginning in all of the processes leading to this moment, with extensive student input from many organizations on all parts of campus. The Committee feels that this involvement and the diligence of reducing the cost to students produced a renovation that is well worth the price for a building that must be fixed. The Committee recommends moving forward with this project.

Committee Recommendation

The Committee recommends moving forward with the renovation of Hall Health Primary Care Center, the Ethnic Cultural Center, and the Husky Union Building. This should be paid for with the remaining balance of the Golf Driving Range bond and a thirty year bond to pay for the remaining balance of the three capital projects. Students would

repay this bond under a new quarterly fee that may not exceed \$95 per student per quarter. The Committee recommends instituting this fee in phases based on the approximate date of completion for each project (i.e., autumn 2011 for ECC and Hall Health, and autumn 2012 for the HUB).

Lost Operational Revenue

During the phased construction, both HHPCC and Housing and Food Services (HFS) will realize losses from closed operations. HHPCC will minimize their non-student services to mitigate losses to student healthcare, with a loss estimated at \$1 million, and HFS' food operations in the HUB will be closed, with a loss estimated at \$2.6 million. In order to cover this \$3.6 million in losses, the Committee voted to allocate 75% of the IMA bond fee repayment fund for an allocation of approximately \$1.4 million. Up to \$2.2 million of the remaining losses may be covered with the SAFC general fund as the losses are realized. Any funds needed above this amount must be approved by SAFC.

The Committee reviewed many alternatives for funding this lost operational revenue. This recommendation represents the most fiscally responsible approach and minimizes the impact on existing and future students.

Closing Comments

The Committee believes that if the Regents adopt these recommendations, the renovated HHPCC, HUB, and the ECC will enrich the campus culture and community. SAFC has strong faith in the leadership of these projects, both in the student leaders and the professionals involved. This vision of a new Seattle campus will allow UW student life to meet the needs of the 21st century student with modern health care, cultural enrichment, and vibrant places to learn and grow.

Sincerely,

Matt York
2008 - 2009 Chair
Services & Activities Fee Committee

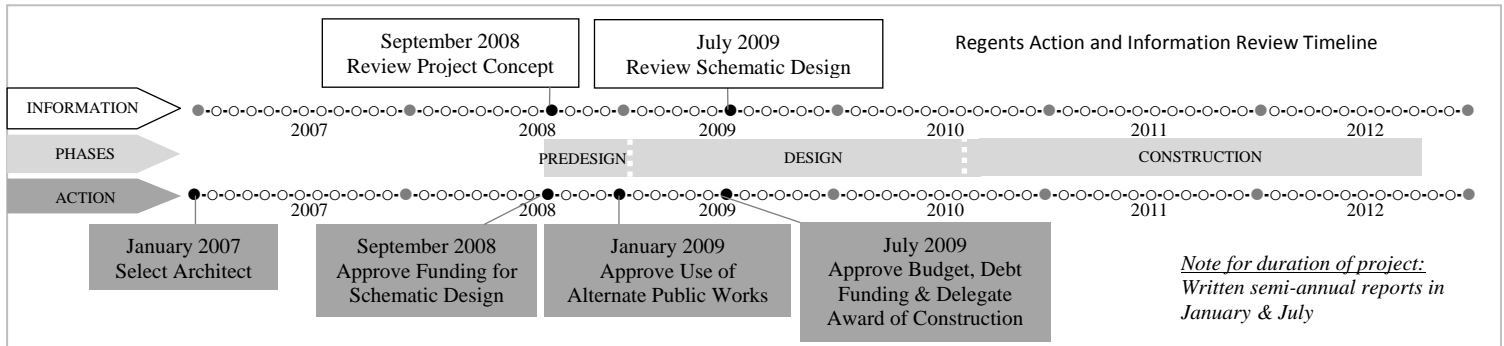
Student Facilities Fees - Revenue & Expense Summary, FY2008-FY2018 (\$000)

	<u>FY2008</u> Actual	<u>FY2009</u> Forecast	<u>FY2010</u> Forecast	<u>FY2011</u> Forecast	<u>FY2012</u> Forecast	<u>FY2013</u> Forecast	<u>FY2014</u> Forecast	<u>FY2015</u> Forecast	<u>FY2016</u> Forecast	<u>FY2017</u> Forecast	<u>FY2018</u> Forecast
<u>REVENUES</u>											
Student Facilities Fees	11,187	11,783	12,411	13,073	13,770	14,504	15,277	16,091	16,948	17,852	18,803
Fee for Series 2000 Bonds (IMA)	3,917	4,000	4,084	4,171	4,259	4,348	4,440	4,534	4,630	4,727	4,827
Interest and Other Revenue	301	172	194	223	261	311	386	471	569	679	803
Total Revenue, Current	15,405	15,955	16,689	17,466	18,289	19,163	20,102	21,096	22,147	23,258	24,434
New Student Fee - HUB	-	-	-	-	-	7,997	7,997	7,997	7,997	7,997	7,997
New Student Fee - ECC	-	-	-	-	1,151	1,151	1,151	1,151	1,151	1,151	1,151
New Student Fee - Hall Health	-	-	-	-	574	574	574	574	574	574	574
Total Revenue, New Fee	-	-	-	-	1,725	9,722	9,722	9,722	9,722	9,722	9,722
Total Revenue, w/New Fee	15,405	15,955	16,689	17,466	20,014	28,885	29,825	30,818	31,869	32,981	34,156
<u>DEBT SERVICE</u>											
Total Debt Service, Current	(3,421)	(3,417)	(3,421)	(3,420)	(3,416)	(3,423)	(3,424)	(3,419)	(3,421)	(3,418)	(3,422)
New Debt Service - HUB	-	-	-	-	-	(7,270)	(7,270)	(7,270)	(7,270)	(7,270)	(7,270)
New Debt Service - ECC	-	-	-	-	(1,046)	(1,046)	(1,046)	(1,046)	(1,046)	(1,046)	(1,046)
New Debt Service - Hall Health	-	-	-	-	(522)	(522)	(522)	(522)	(522)	(522)	(522)
Total New Debt Service w/New Projects	-	-	-	-	(1,568)	(8,838)	(8,838)	(8,838)	(8,838)	(8,838)	(8,838)
Total Debt Service, w/New Fee	(3,421)	(3,417)	(3,421)	(3,420)	(4,984)	(12,261)	(12,262)	(12,257)	(12,259)	(12,256)	(12,260)
Times coverage	4.50	4.67	4.88	5.11	4.02	2.36	2.43	2.51	2.60	2.69	2.79
Revenue Available for Programs	11,984	12,538	13,269	14,047	15,030	16,625	17,563	18,561	19,610	20,724	21,896
<u>Expenses</u>											
Total Expense	11,125	11,458	11,802	12,156	12,521	12,896	13,283	13,682	14,092	14,515	14,951
Beginning Fund Balance	7,639	8,608	9,687	11,154	13,044	15,554	19,282	23,562	28,441	33,959	40,168
Ending Fund Balance	8,608	9,687	11,154	13,044	15,554	19,282	23,562	28,441	33,959	40,168	47,114

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract

RECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of the total project budget at \$128,336,000;
2. the use of the Internal Lending Program to fund up to \$126,000,000 for design, construction, furniture, fixtures, equipment, cost of debt issuance; and
3. delegation of authority to the President or his designee to award the General Contractor / Construction Manager (GC/CM) construction contract to Skanska USA Building Inc., subject to the scope, budget, and funding remaining within 10% of the established budget.

BACKGROUND

The mission of the Husky Union Building (HUB) is to serve as the primary campus community center for students, faculty, staff, alumni and guests, provide and support a program of cultural, educational, social, recreational service activities, offer amenities and services for the diverse needs and activities of the campus community, and to create a sense of community. The HUB hosts over 4,000 meetings and events annually, has over 800,000 visitors per quarter, and provides services to 700 registered student organizations.

In 2006-2007, the Services and Activities Fee Committee (SAFC) co-funded with Student Union Activities Facilities (SAUF) a master plan proposal to assess and

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 2)

outline long-range goals related to changing campus needs and lifestyles, aging infrastructure, and code compliance for the HUB. The project grew out of SAFC discussions over the course of the 2007-08 academic year. Over the summer of 2008 with consultation between University administration and student leaders it was determined that the scope of the HUB renovation and expansion should be scaled back from the initial proposal of \$188 million to a range of \$140 - \$150 million.

The current project budget is \$128.3 million. This is a reduction from the earlier \$140 – \$150 million estimated budget to reflect the current competitive pricing in the construction market and the absence of private contribution opportunities. We anticipated raising \$20 million in private contributions. However, an assessment of the viability of private contributions indicated that it is not feasible in the current economic conditions.

In September 2008, the Board of Regents approved funding for the predesign and schematic design phases for the HUB Renovation and Expansion project. The predesign and schematic design processes would determine the actual scope, timing, potential phasing, program and space needs, and project budget for the project.

During winter and spring quarters of 2009, this project along with the other two student life projects - Hall Health Primary Care Center and Ethnic Cultural Center Expansion - were presented to the Associated Students of University of Washington (ASUW), Graduate and Professional Student Senate (GPSS), and SAFC to determine whether or not the students would advocate for the issuance of bonds for project construction. With overwhelming support the ASUW and GPSS endorsed the projects and SAFC voted on May 22, 2009 to establish a new student fee to pay for all of the student life projects.

PROJECT DESCRIPTION

This project seeks to achieve University and HUB goals such as: strengthening campus community by increasing programs and services; encouraging interactions between students, faculty and staff; cultivating engagement between student leaders; fostering tradition and affiliation; and enhancing student involvement.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 3)

The HUB was constructed in 1949 in the Gothic Revival style. The original south wing was added in 1952. In 1963, the auditorium was added to the south wing. The Husky Den including food services was expanded in 1975 and later remodeled in 2001. The current building is approximately 260,000 square feet.

The building mechanical and electrical systems have reached the end of their useful life, portions of the building do not meet accessibility requirements, and programmatically the building layout inhibits the ability to achieve University and HUB goals. This project will create and enhance spaces, programs, and service to foster community engagement. Some features of the new HUB will be: enhanced multi-purpose areas for programs, events, and gatherings; improved meeting and board rooms for student governments and organizations; an improved location and better visibility for the Student Resource Center; better visual and programmatic connection to the HUB lawn; lounges that enhance opportunities for collaborative interactions; and improved ballroom and event spaces.

Work will include the nearly complete replacement of the mechanical, electrical, life safety systems, upgrading the building's structural system for seismic events, and landscaping improvements. The sub-basement and basement will undergo infrastructure improvements and minor architectural changes. The ground floor will incorporate infrastructure improvements and some remodeling to accommodate relocated programs. Floors one (main floor), two, and three will be deconstructed back to the building's structural system. A new three-story atrium will run the length of the building bringing day light deep into the building. The ballrooms will be reconfigured to create north and south ballrooms with day light along the east side. The west façade of the building will remain similar to its current look. The south, east, and a portion of the north facades will be expanded and replaced with a new system. The building size will increase between 5,000 to 10,000 square feet.

SCHEDULE:

Architect Selection	January 2007
Master Plan	February 2007 – May 2008
Predesign	September 2008 – February 2009
Design	February 2009 – September 2010
Construction	September 2010- July 2012
Occupancy	September 2012

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 4)

GC/CM CONTRACT AWARD:

Under Delegated Authority, the Capital Projects Office on June 4, 2009 awarded a Preconstruction Services agreement with Skanska USA Building, Inc., as the General Contractor/Construction Manager after a selection process which saw eight firms submit qualifications, four firms interviewed, and four firms selected to submit proposals for its Specified Fee and General Conditions costs. The other finalists were Hoffman Construction Company, Mortenson Construction, and Turner Construction Company

PROJECT BUDGET AND FUNDING:

The project budget is \$128.3 million of which \$105.7 million will be funded with a new student fee. On May 22, 2009 the Services and Activities Fee Committee approved a new student fee of up to \$95 per quarter for all three student life projects. The new fee for the HUB portion is estimated at \$73 per quarter and will take effect in the fall quarter of the 2012-2013 academic year (September 2012) when the renovated building will be opened for use. Together with the Ethnic Cultural Center and Hall Health Primary Care Center projects, the new fee is expected to total \$90 per quarter.

The sources and uses for the project are as follows:

[continued on next page]

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 5)

Sources of Funds

Internal Lending Program - Student Fees	105,700,000
Internal Lending Program - Central	20,000,000
Existing Bond Proceeds	4,600,000
Reserves	6,600,000
Total, Sources of Funds	136,900,000

Uses of Funds

Consultant Services	11,798,000
Construction	103,231,000
Furniture, Fixtures, Equipment, and Other	13,307,000
Total, Design, Construction, & Mitigation	128,336,000
Interest Paid During Construction	7,319,000
Cost of Issuance	1,245,000
Total, Uses of Funds	136,900,000

Sources of Repayment for ILP Loan (30 Years at 5.5%)

Student Fees	7,270,000
Central Funds	1,376,000
Average Annual Debt Service Payment	8,646,000

The main financial risk is from not collecting sufficient student fee revenue to repay the ILP loan. Under-collection of fee revenue could come from non-payment and/or a higher number of fee waivers than assumed in the financial analysis. This risk has been mitigated by including a 10 percent coverage amount in the new fee.

Because the fee is a part of tuition, the risk of under-collection from non-payment is very small. Since debt service payments have the first call on fee revenue, any shortfall would be made up from reserves or reductions in programs levels funded by student fee revenue.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Husky Union Building Renovation and Addition: Review Schematic Design, Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 6)

PREVIOUS ACTION

January 2007 - Delegated authority to the President to award a design contract to for the HUB Master Plan with the firm of Perkins + Will subject to successful negotiation of a Professional Services agreement.

September 2008 - Approved funding approved for predesign and schematic design phases.

January 2009 - Approved use of alternative public works method utilizing General Contractor / Construction Manager (GC/CM) and delegated authority to the President to award the preconstruction contract to the selected contractor.

Attachments

1. Summary Project Budget
2. GC/CM Selection Summary

**UNIVERSITY OF WASHINGTON
CAPITAL PROJECTS OFFICE - SUMMARY PROJECT BUDGET
ALTERNATIVE PROCUREMENT (GC/CM)**

PROJECT: HUB Renovation/Expansion

Project Number: 201638

ESTIMATED DATE OF COMPLETION: September 2012

<u>Project Budget</u>	<u>Total Escalated Cost</u>	<u>% of TPC*</u>
Pre-Schematic Design Services	\$ 797,000	1%
A/E Basic Design Services	\$ 6,615,000	5%
Extra Services	\$ 1,671,000	1%
Other Services	\$ 962,000	1%
Design Services Contingency	\$ 1,753,000	1%
Consultant Services	\$ 11,798,000	9%
GC/CM Construction Cost	\$ 83,244,000	65%
Other Contracts	\$ -	0%
Construction Contingencies	\$ 11,031,000	9%
Sales Tax	\$ 8,956,000	7%
Construction	\$ 103,231,000	80%
Equipment & Furnishings	\$ 3,286,000	3%
Artwork	\$ 100,000	0%
Other Costs	\$ 4,388,000	3%
Project Management	\$ 5,534,000	4%
Other	\$ 13,307,000	10%
Total Project Cost (TPC)*	\$ 128,336,000	100%

Included in Above:

Escalation through July 2011 (based on 0% for 2009, 2.5% for 2010, and 3.5% for 2011)	\$ 5,575,000	5%
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GC/CM Selection - Tabulation Form
HUB Renovation & Expansion, Project #201638

	Absher	Graham Contracting	Hoffman	Lease Crutcher Lewis	Mortenson	OPUS/Lydig	Skanska	Turner
Proposal Evaluations								
16 Apr 2009								
Scorer A	34.0	35.0	40.0	33.0	39.0	34.0	36.0	36.0
Scorer B	32.0	32.0	38.0	33.0	34.0	36.0	36.0	36.0
Scorer C	28.0	30.0	38.0	32.0	35.0	31.0	33.0	33.0
Scorer D	24.5	24.5	36.0	26.0	29.0	27.0	32.0	26.5
Scorer E	32.0	30.5	38.0	29.0	39.0	29.5	37.5	33.5
Scorer F	18.0	16.0	21.0	16.0	21.0	17.0	17.0	21.0
Average Score (max. 40)	28.08	28.00	35.17	28.17	32.83	29.08	31.92	31.00

Interviews

Scorer A			24.0		23.0		18.0	20.0
Scorer B			23.0		22.0		20.0	21.0
Scorer C			23.0		19.0		17.0	17.0
Scorer D			21.0		20.0		21.5	17.0
Scorer E			24.0		23.5		23.0	22.5
Scorer F			21.0		23.0		18.0	22.0
Scorer G			23.0		20.0		15.0	17.5
Average Score (max. 25)	0.00	0.00	22.71	0.00	21.50	0.00	18.93	19.57
Total Proposal and Interview	28.08	28.00	57.88	28.17	54.33	29.08	50.85	50.57

Final Proposals (MACC 78,000,000)

Contractor's Fee Percentage			4.06%		4.00%		4.00%	3.90%
Contractor's Fee Amount			\$3,166,800		\$3,120,000		\$3,120,000	\$3,042,000
Specified General Conditions Amount			\$1,985,000		\$2,816,829		\$1,624,876	\$3,165,546
Final Proposal Bid Number			\$5,151,800		\$5,936,829		\$4,744,876	\$6,207,546
Low Conforming Proposal			\$4,744,876		\$4,744,876		\$4,744,876	\$4,744,876
Difference			\$406,924		\$1,191,953		\$0	\$1,462,670
Percentage Within Low Proposal			8.58%		25.12%		0.00%	30.83%
Proposal Score* (max. 35)			26.00		9.00		35.00	4.00

Total Score (max. 100)	28.08	28.00	83.88	28.17	63.33	29.08	85.85	54.57
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Final Proposal Scoring Key*

Low Conforming Proposal	35 points
Each proposal will be scored by deducting one point each for each 1%, or fraction thereof, that the Proposals exceeds the amount of the Low Conforming Proposal.	
Computed as follows:	
Proposal being evaluated - Low Conforming Proposal	
Low Conforming Proposal	

1st
2nd
3rd
4th
5th
6th
7th
8th

Final Ranking

Skanska	_____
Hoffman	_____
Mortenson	_____
Turner	_____
Opus/Lydig	_____
Lease Crutcher Lewis	_____
Absher	_____
Graham	_____

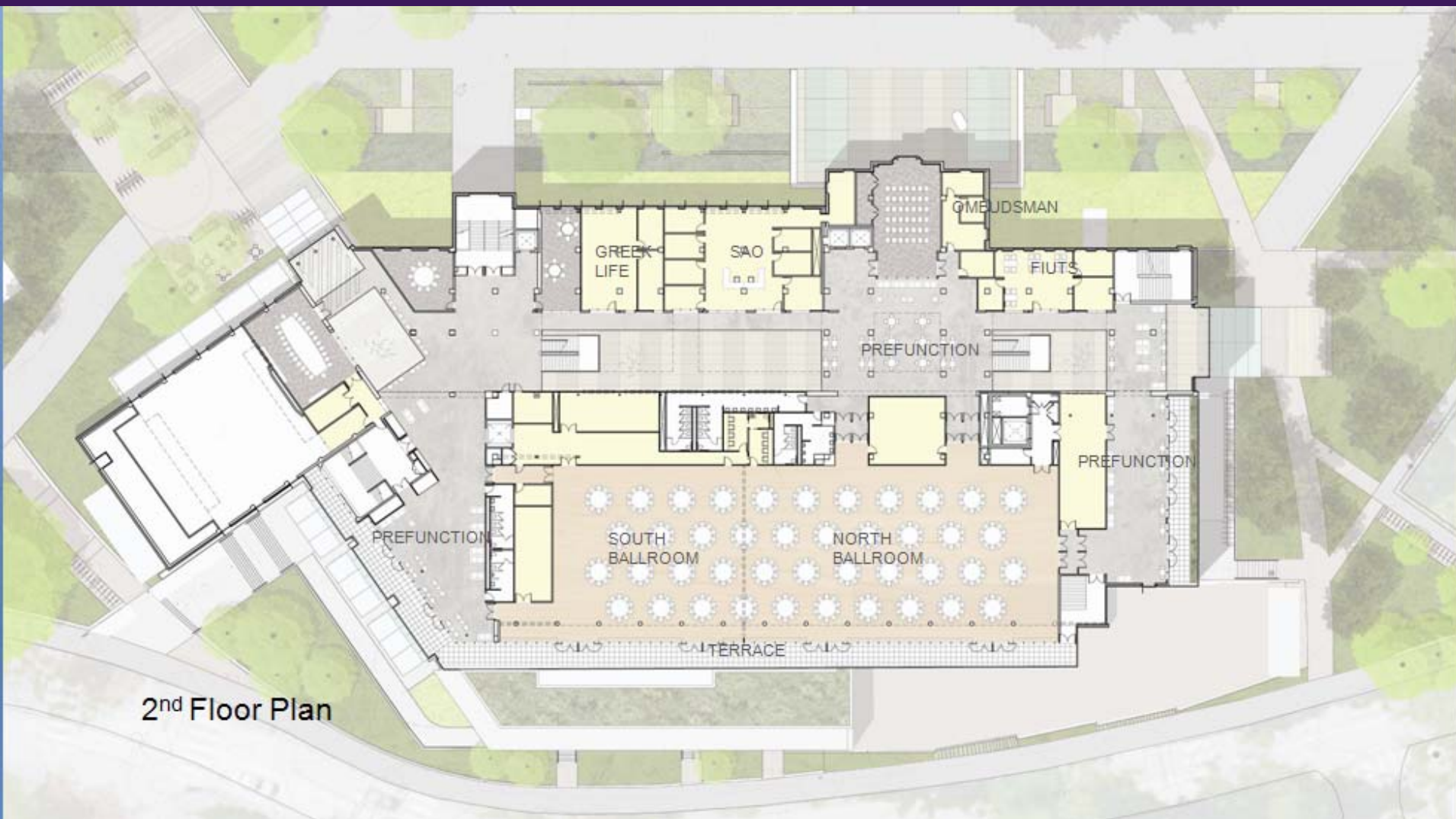
HUB Renovation and Expansion Project

Schematic Design Plans

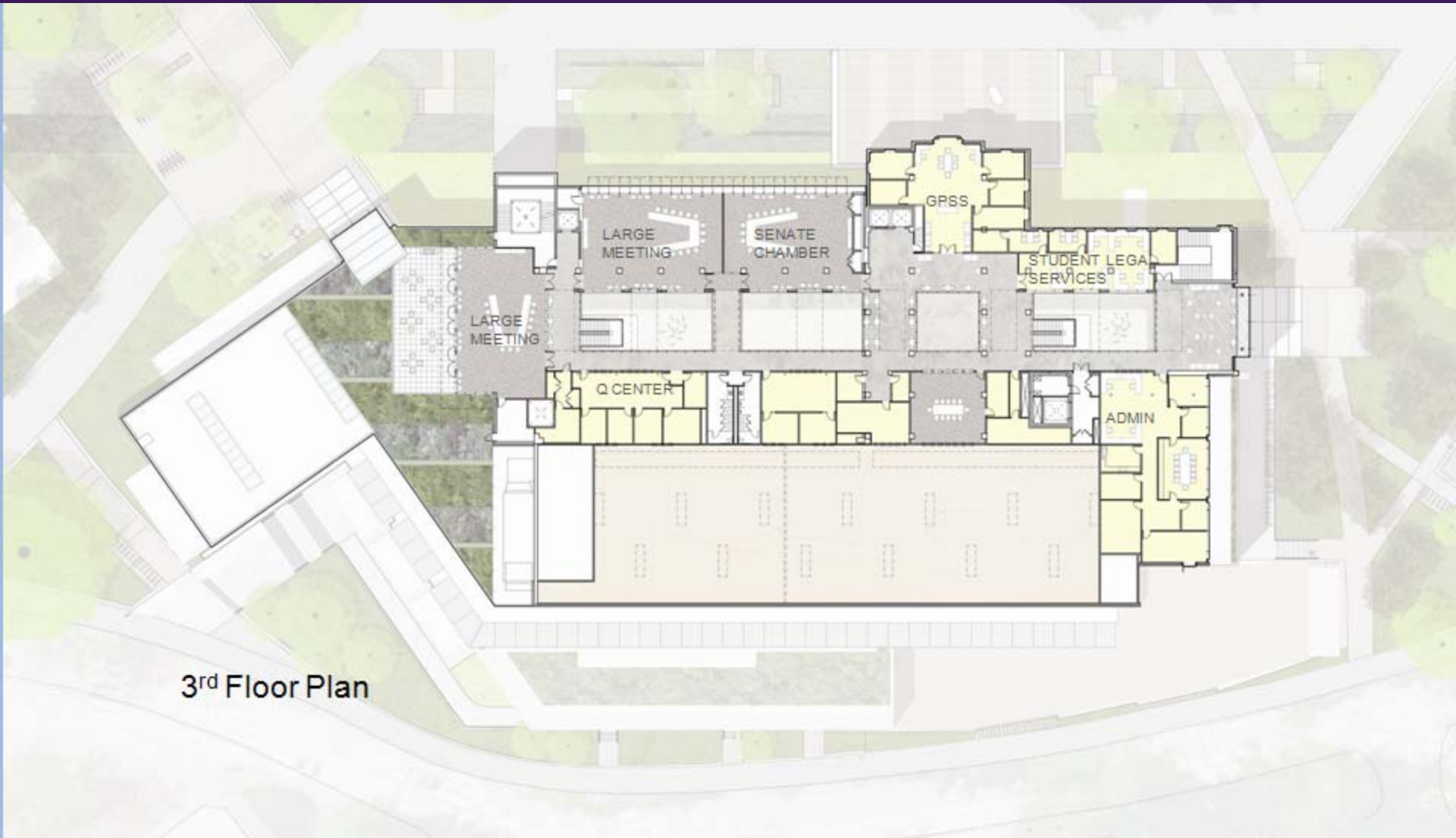


First Floor Plan

Schematic Design Plans

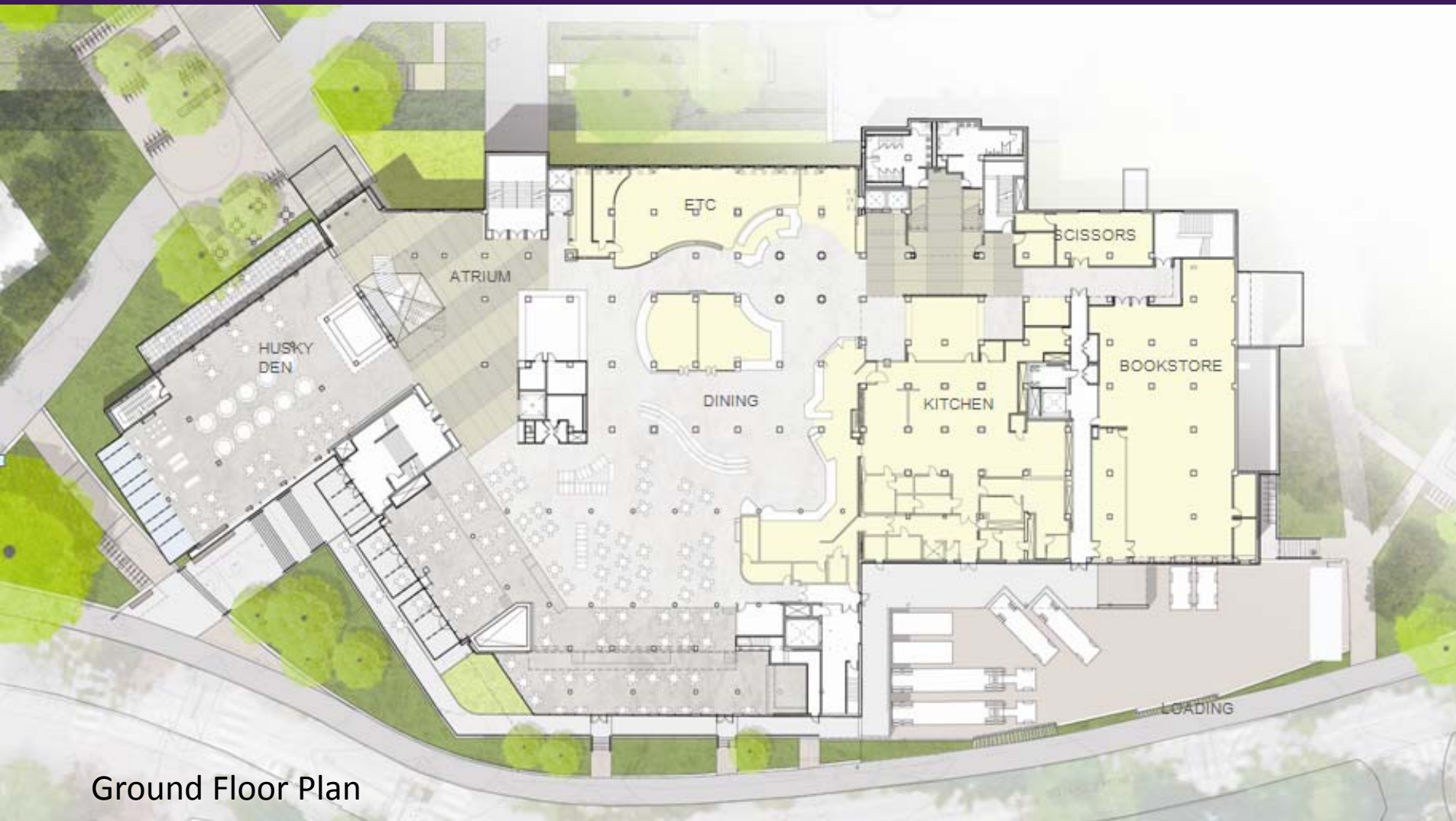


Schematic Design Plans



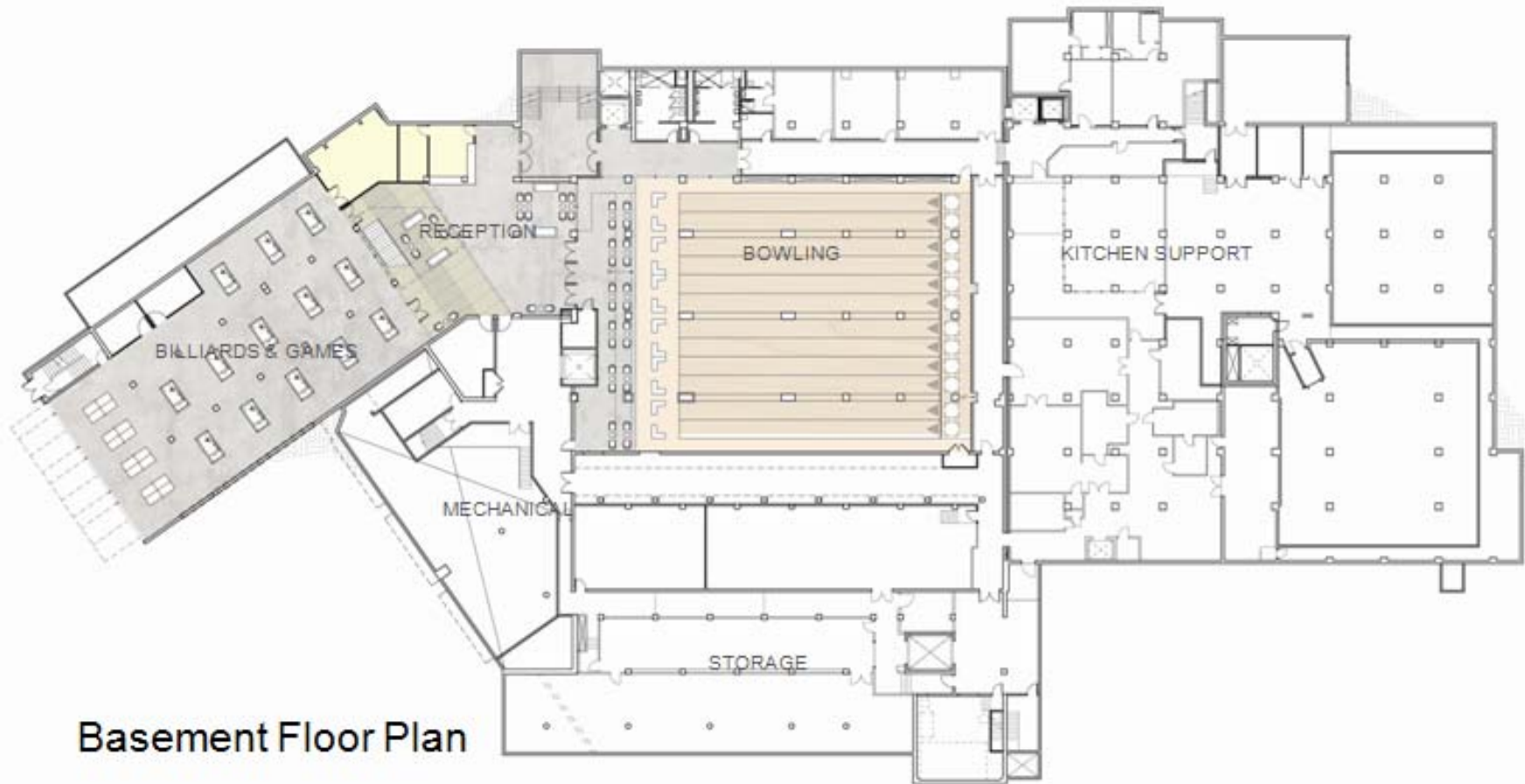
3rd Floor Plan

Schematic Design Plans

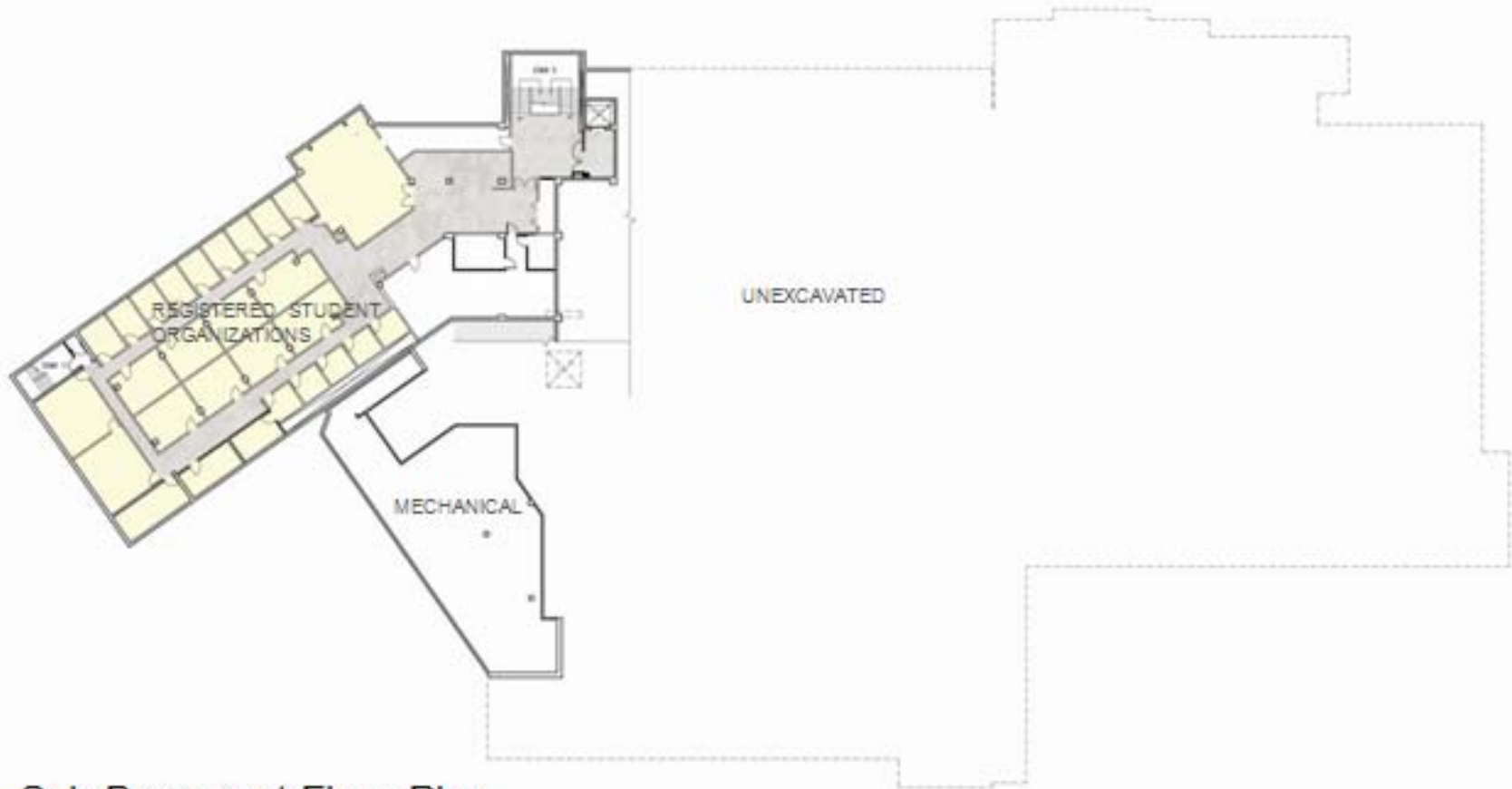


Ground Floor Plan

Schematic Design Plans



Schematic Design Plans

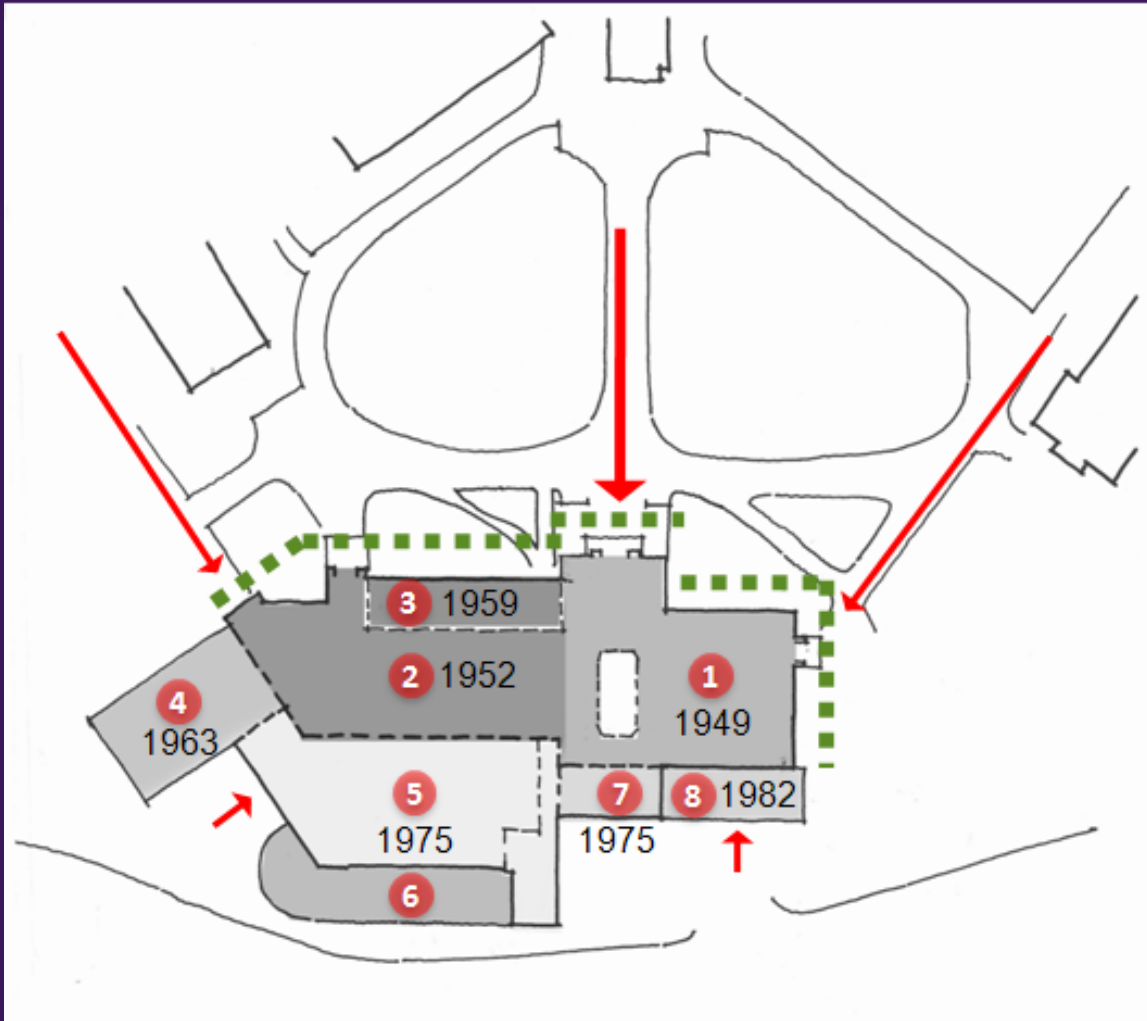


Sub-Basement Floor Plan

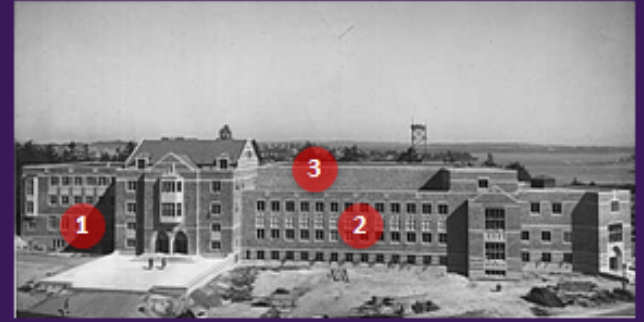
Schematic Design - Atrium Concept Rendering



Schematic Design Concepts – Existing Condition



‘Existing Building as an Assemblage of parts’



Schematic Design

Exterior Concept Rendering



Schematic Design

Southeast Entry Rendering



Schematic Design

Exterior concept Rendering



Schematic Design

View from the University Club



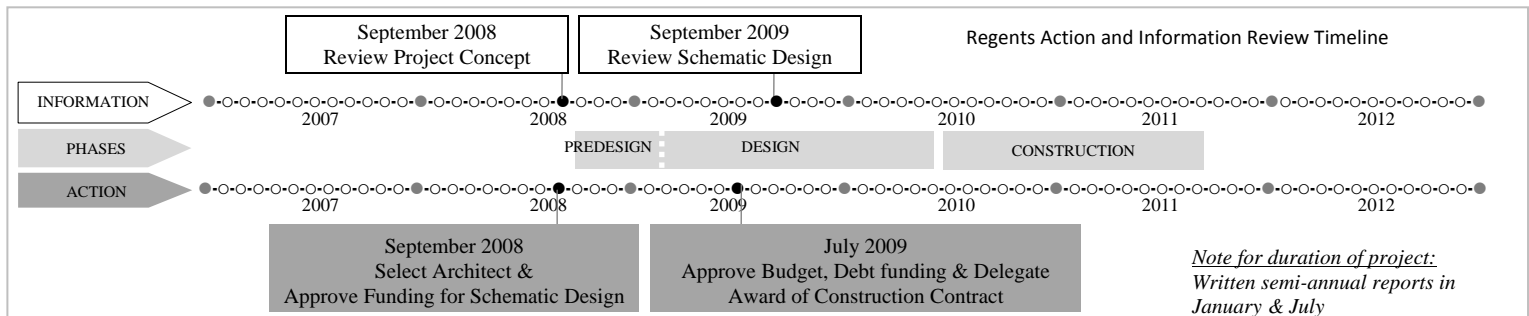
Schematic Design North Entry Rendering



This architectural site plan illustrates the layout of the University of Michigan Medical Center. The plan features a central parking lot with numerous vehicle spaces. To the left of the parking lot are several buildings, including the 'KIRCHEN AERONAUTICAL LABORATORY' and the 'DYNAMICS LABORATORY'. To the right is a large green field with scattered trees. The plan also shows a road at the bottom and a large green field at the top. The buildings are depicted with yellow walls and blue roofs, and the surrounding landscape is shown with green grass and various tree symbols.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction ContractRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of a total project budget at \$15,500,000;
2. the use of the Internal Lending Program to fund up to \$16,000,000 for design, construction, furniture, fixtures, equipment, and cost of debt issuance; and
3. delegation of authority to the President or his designee to award a construction contract, subject to the scope, budget, and funding remaining within 10% of the established budget.

BACKGROUND

The Ethnic Cultural Center (ECC) promotes an inclusive and educational environment by providing programs and services which enhance the communication and exchange of multicultural perspectives and values. Students and student organizations collaborate, develop and implement programs while building leadership and organizational skills. The ECC is considered a national model for University based multi-cultural student centers. The existing 10,603 square foot ECC is a single-story light wood frame building located at the southwest corner of NE 40th Street and Brooklyn Avenue NE in west campus. The building is 39 years old and no longer adequately supports the program that began back in 1970.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 2)

In May 2007, the Service and Activities Fee Committee (SAFC) co-funded a feasibility study to assess and outline long-range goals related to changing student user needs and lifestyles, aging infrastructure, and code compliance for the ECC. Based on extensive student interviews, focus groups, and numerous open forums, a conceptual/programmatic option was generated. Based upon that study the following goals were identified: preservation of the ECC as a “safe zone” for minority students where ethnically diverse students will feel “at home;” student leadership and involvement are cornerstones of the ECC program; the building must be “of the students, for the students, and by the students” to be truly successful; this facility should enhance and further the image of the UW as a national leader in diversity programs; and eliminate chronic shortages of meeting and office space for student organizations and provide for a reasonable amount of future capacity for long term growth of the program.

In September 2008, the Board of Regents approved funding for the predesign and schematic design phases for the ECC Expansion project. The predesign and schematic design processes confirmed the actual scope, timing, potential phasing, program and space needs, and budget for the project.

During winter and spring quarters of 2009, this project along with the other two student life projects - Husky Union Building (HUB) Renovation and Expansion and Hall Health Primary Care Center Remodel - were presented to the Associated Students of University of Washington (ASUW), Graduate and Professional Student Senate (GPSS), and SAFC to determine whether or not the students would advocate for the issuance of bonds for project construction. With overwhelming support the ASUW and GPSS endorsed the projects and SAFC voted on May 22, 2009 to recommend to the University administration that they issue bonds to pay for the construction for all of the student life projects.

PROJECT DESCRIPTION

This project will demolish the existing 10,603 square foot one-story building and construct a three-story building of approximately 25,000 square feet to address the need for additional conference and meeting rooms, support spaces, library, computer room, performing arts practice room, and administrative space to meet current demand and reasonable future growth. Existing wall murals will be reproduced as part of the building architecture. Site improvements will seek to create landscape open space and landscape buffers to adjacent University facilities and public right of ways.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 3)

SCHEDULE:

Architect Selection	September 2008
Predesign	October 2008 - March 2009
Design	March 2009 - April 2010
Bidding / Award	April 2010 - June 2010
Construction	June 2010 - August 2011
Occupancy	September 2011

PROJECT BUDGET AND FUNDING:

The project budget is \$15.5 million and will be funded by a new student fee. On May 22, 2009, the Services and Activities Fee Committee approved a new student fee of up to \$95 per quarter for all three Student Life projects. The new fee for the Ethnic Cultural Center portion is estimated at \$11.00 per quarter and will take effect in the fall quarter of the 2011-2012 academic year (September 2011) when the new building will be opened for use. Together with the HUB and Hall Health projects, the new fee is expected to total \$90 per quarter.

The sources and uses for the project are as follows:

[continued on next page]

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 4)

Sources of Funds

Internal Lending Program - Student Fees	15,250,000
Existing Bond Proceeds	950,000
Total Sources of Funds	16,200,000

Uses of Funds

Design Costs	1,830,000
Construction Costs	12,258,000
Furniture, Fixtures, Equipment, and Other	1,412,000
Total Design and Construction	15,500,000
Interest Paid during Construction	575,000
Cost of Issuance	125,000
Total Uses of Funds	16,200,000

Sources of Repayment for ILP Loan (30 Years at 5.5%)

Student Fee Debt Service	1,046,000
Average Annual Debt Service Payment	1,046,000

The main financial risk is from not collecting sufficient student fee revenue to repay the ILP loan. Under-collection of fee revenue could come from non-payment and/or a higher number of fee waivers than assumed in the financial analysis. This risk has been mitigated by including a 10 percent coverage amount in the new fee.

Because the fee is a part of tuition, the risk of under-collection from non-payment is very small. Since debt service payments have the first call on fee revenue, any shortfall would be made up from reserves or reductions in programs levels funded by student fee revenue.

PREVIOUS ACTION:

September 2008 - Approved funding for the predesign and schematic design phases. Delegated authority to the President to award a design contract for the Ethnic Cultural Center with the firm of Rolluda Architects, Inc., in association

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Ethnic Cultural Center Expansion: Adopt Budget, Approve Debt Funding and Delegation of Authority to Award Construction Contract (continued p. 5)

with Larry McFarland Architects subject to successful negotiation of an architectural agreement.

Attachment

Summary Project Budget

**UNIVERSITY OF WASHINGTON
CAPITAL PROJECTS OFFICE - SUMMARY PROJECT BUDGET
STANDARD PROCUREMENT**

PROJECT: Ethnic Cultural Center

Project Number: 201725

ESTIMATED DATE OF COMPLETION: September 2011

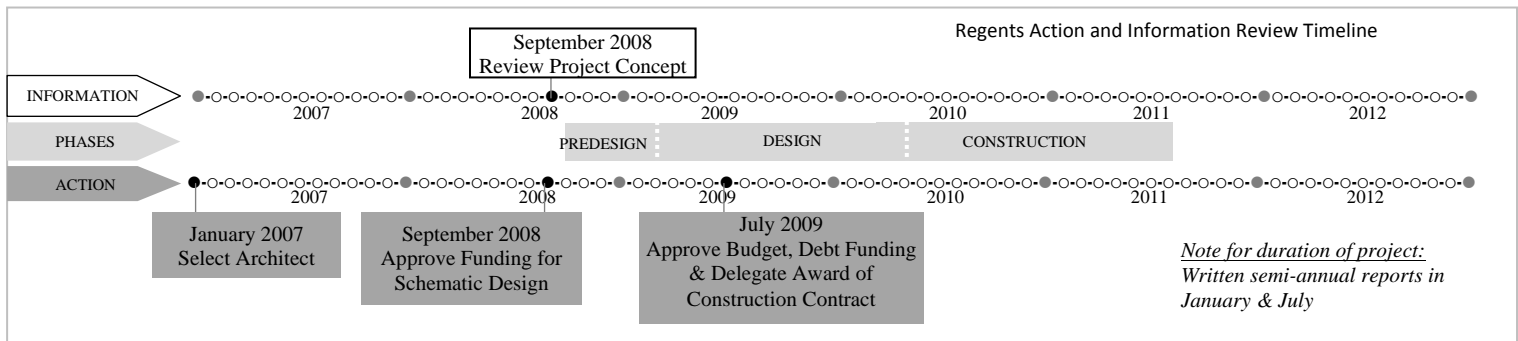
<u>Project Budget</u>	<u>Total Escalated Cost</u>	<u>% of TPC*</u>
Pre-Schematic Design Services	\$ 215,000	1%
A/E Basic Design Services	\$ 561,000	4%
Extra Services	\$ 290,000	2%
Other Services	\$ 554,000	4%
Design Services Contingency	\$ 210,000	1%
Consultant Services	\$ 1,830,000	12%
Construction Cost	\$ 9,830,000	63%
Other Contracts	\$ -	0%
Construction Contingencies	\$ 1,365,000	9%
Sales Tax	\$ 1,063,000	7%
Construction	\$ 12,258,000	79%
Equipment & Furnishings	\$ 349,000	2%
Artwork	\$ -	0%
Other Costs	\$ 363,000	2%
Project Management	\$ 700,000	5%
Other	\$ 1,412,000	9%
Total Project Cost (TPC)*	\$ 15,500,000	100%

Included in Above:

Escalation through December 2011 (based on 0% for 2009, 2.5% for 2010, and 3.5% for 2011)	\$ 821,068	6%
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VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Hall Health Primary Care Center Remodel: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction ContractRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. the establishment of a total project budget at \$10,150,000;
2. the use of the Internal Lending Program to fund up to \$8,000,000 for design, construction, furniture, fixtures, equipment, cost of debt issuance; and
3. delegation of authority to the President or his designee to award a construction contract, subject to the scope, budget, and funding remaining within 10% of the established budget.

BACKGROUND

The mission of the Hall Health Primary Care Clinic (HHPCC) is “to facilitate the academic success of UW students and the well-being of all of our patients through a commitment to high quality patient-centered health care.” University of Washington students may receive services at HHPCC and, furthermore, those who have paid the Service and Activities Fee Committee (SAFC) fee receive a portfolio of subsidized services with no “out-of-pocket” expense. Non-students may also use HHPCC on a fee-for-service basis. This generates revenue that reduces the cost of care for the student population. In fiscal year 2008, HHPCC had 84,965 visits (10% more than FY 2007) of which 69% were by students.

In 2007-2008, a feasibility study was undertaken to assess how the existing building might be modified to better fulfill the goals of the HHPCC. The major

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Hall Health Primary Care Center Remodel: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (continued p. 2)

programmatic goals for the remodel project are to enhance the quality of care, improve student access to care, allow for future growth, increase student access to mental health services, generate additional revenue, and provide adequate space for special programs. The feasibility study identified significant factors and deficiencies that currently inhibit HHPCC from achieving its goals. These include inadequate clinic space, inefficiencies in patient and staff flow, suboptimal privacy, an inability to accommodate changing operational care models, and general wear and tear on the facility leading to a suboptimal environment of care.

In September 2008, the Board of Regents approved funding for the predesign and schematic design phases for the Hall Health Primary Care Center Remodel project. The predesign and schematic design processes confirmed the actual scope, timing, potential phasing, program and space needs, and budget for the project.

During winter and spring quarters of 2009, this project along with the other two student life projects - Husky Union Building (HUB) Renovation and Expansion and Ethnic Cultural Center Expansion - were presented to the Associated Students of University of Washington (ASUW), Graduate and Professional Student Senate (GPSS), and SAFC to determine whether or not the students would advocate for the issuance of bonds for project construction. With overwhelming support the ASUW and GPSS endorsed the projects and SAFC voted on May 22, 2009 to recommend to the University administration that they issue bonds to pay for the construction for all of the student life projects.

PROJECT DESCRIPTION

This project will extensively renovate the ground and first floors, a portion of the third floor, and construct an addition of approximately 2,600 square feet on two floors in what is currently the south service court. These improvements help correct the deficiencies identified in the feasibility study. Improvements to the lobby will open up the area, centralize admittance, information, and billing, as well as create an inviting waiting area. Remodeling the interior spaces will create additional clinic spaces to accommodate increases in patient visits. A fire alarm system replacement will be completed concurrently with this project. To accommodate the ongoing operations the project will be completed in phases while the clinics remain open.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Hall Health Primary Care Center Remodel: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (continued p. 3)

SCHEDULE:

Architect Selection	September 2008
Predesign	October 2008 - March 2009
Design	March 2009 - March 2010
Bidding/Award	March 2010 - May 2010
Construction	May 2010 - July 2011
Completion	August 2011

PROJECT BUDGET AND FUNDING:

The project budget is \$10.15 million, of which \$7.8 million will be funded by a new student fee. On May 22, 2009, the Services and Activities Fee Committee approved a new student fee of up to \$95 per quarter for all three Student Life projects. The new fee for the Hall Health portion is estimated at \$6.00 per quarter and will take effect in the fall quarter of the 2011-2012 academic year (September 2011) at the completion of the project. Together with the HUB and ECC projects, the new fee is expected to total \$90 per quarter.

The sources and uses of the project are as follows:

[continued on next page]

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Hall Health Primary Care Center Remodel: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (continued p. 4)

Sources of Funds

Internal Lending Program - Student Fees	7,850,000
Existing Bond Proceeds	1,000,000
Reserves / Other	1,500,000
Total Sources of Funds	10,350,000

Uses of Funds

Consultant Services	1,420,000
Construction Cost	6,701,000
Furniture, Fixtures, Equipment, and Other	2,029,000
Total Design and Construction	10,150,000

Interest Paid During Construction	123,000
Cost of Issuance	77,000
Total Uses of Funds	10,350,000

Sources of Repayment for ILP Loan (30 Years at 5.5%)

Student Fee Debt Service	522,000
Average Annual Debt Service Payment	522,000

The main financial risk is from not collecting sufficient student fee revenue to repay the ILP loan. Under-collection of fee revenue could come from non-payment and/or a higher number of fee waivers than assumed in the financial analysis. This risk has been mitigated by including a 10 percent coverage amount in the new fee.

Because the fee is a part of tuition, the risk of under-collection from non-payment is very small. Since debt service payments have the first call on fee revenue, any shortfall would be made up from reserves or reductions in programs levels funded by student fee revenue.

PREVIOUS ACTION

September 2008 - Approved funding for the predesign and schematic design phases.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Hall Health Primary Care Center Remodel: Adopt Budget, Approve Debt Funding, and Delegation of Authority to Award Construction Contract (continued p. 5)

October 2008 - Delegated authority to the President to award a design contract for the Hall Health Primary Care Center with the firm of Miller Hayashi subject to successful negotiation of an architectural agreement.

Attachment

Summary Project Budget

**UNIVERSITY OF WASHINGTON
CAPITAL PROJECTS OFFICE - SUMMARY PROJECT BUDGET
STANDARD PROCUREMENT**

PROJECT: Hall Health Primary Care Center Remodel

Project Number: 202277

ESTIMATED DATE OF COMPLETION: August 2011

<u>Project Budget</u>	<u>Total Escalated Cost</u>	<u>% of TPC*</u>
Pre-Schematic Design Services	\$ 167,000	2%
A/E Basic Design Services	\$ 470,000	5%
Extra Services	\$ 110,000	1%
Other Services	\$ 415,000	4%
Design Services Contingency	\$ 258,000	3%
Consultant Services	\$ 1,420,000	14%
Construction Cost	\$ 5,100,000	50%
Other Contracts	\$ -	0%
Construction Contingencies	\$ 1,020,000	10%
Sales Tax	\$ 581,000	6%
Construction	\$ 6,701,000	66%
Equipment & Furnishings	\$ 248,000	2%
Artwork	\$ -	0%
Other Costs	\$ 1,171,000	12%
Project Management	\$ 610,000	6%
Other	\$ 2,029,000	20%
Total Project Cost (TPC)*	\$ 10,150,000	100%

Included in Above:

Escalation through December 2011	\$ 421,941	4%
(based on 0% for 2009, 2.5% for 2010, and 3.5% for 2011)		

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee****Enterprise Risk Management**

Attached is the 2008 UW Enterprise Risk Management Annual Report which was prepared by the President's Advisory Committee on Enterprise Risk Management. This information is provided for your review in preparation for our Enterprise Risk Management presentation this fall.

Attachment

UW Enterprise Risk Management 2008 Annual Report

2008 Annual Report



University of Washington ENTERPRISE RISK MANAGEMENT

University of Washington – Enterprise Risk Management

University of Washington Memorandum

Date: November 2008

To: President Mark Emmert

From: President's Advisory Committee on Enterprise Risk Management

Re: UW Enterprise Risk Management 2008 Annual Report

We are pleased to provide you with a report on the University's enterprise risk management accomplishments for 2007-08. An Executive Summary is provided, which highlights the phases of development our program has gone through, noting how these parallel what has happened nationally with enterprise risk management programs. Senior leadership, campus compliance officers, and teams from key departments have continued to engage in identifying top risks and determining what actions to take to improve our risk profile, be it compliance, financial, operational, or strategic.

Follow up with risk assessments completed in 2007 demonstrates how risk owners have taken responsibility to pursue possible risk mitigation plans in their respective areas, enabling us to create a scorecard to track further progress on all assessments as they are completed.

2009 plans call for broadening our base, by refocusing the Compliance Council on financial and operational risks in addition to its regulatory ones. The President's Advisory Committee has begun discussions of key strategic risks for the institution, and this will continue as we think about the mega-risks that can impact the University's long term success.

Thank you for your continuing interest and support for this work.

In Recognition and Appreciation

Two of our colleagues who recently retired after many years of service to the University of Washington provided exceptional leadership in establishing our Enterprise Risk Management program.

Maureen Rhea – Executive Director of Internal Audit

Maureen was instrumental in formation of ERM and especially the Compliance Council. She led the Council as facilitator its first two years, establishing a forum where compliance experts from throughout the University could discuss issues of importance and share ways to improve institutional preparation and response to external requirements.

Karen VanDusen – Director of Environmental Health and Safety

Karen and her team see “risk management” as a core function in all the services they provide to campus clients. Karen set a record for participation on risk assessment teams, including serving as team leader on numerous occasions. She demonstrated how risk assessment could be used to help her management team identify its strategic priorities for the biennium, and has advocated the ERM approach and process both on campus and off.

Many thanks to both Maureen and Karen for their outstanding work on behalf of the UW and Enterprise Risk Management.

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I. Introduction

With this second annual report on UW's enterprise risk management (ERM) program and accomplishments, it is a good time to reflect on the development of our program and compare it to the evolution of the industry.

The Compliance Phase A decade ago, the concept of managing risk in a formal, consistent, enterprise-wide manner was not widely applied in the business sector, and in higher education, it was scarcely discussed. The stunning 2001 collapse of Enron and the speedy passage of the Sarbanes-Oxley Act a year later was the impetus for the first phase of ERM. Boards of directors viewed ERM as a good way to organize an entity's compliance program and to identify the most significant weaknesses in financial controls. Here at UW in 2001, we were having some experiences of our own with compliance failures, some of which were quite costly, while others negatively impacted our reputation among our students, alumni and other stakeholders.

The Governance Phase By 2004, the attorneys general of several states were conducting investigations and filing lawsuits alleging excessive CEO pay, business conflicts of interest and consumer fraud. Various consultants and associations published models for risk assessment and treatment, some emphasizing top-down leadership and others promoting grassroots approaches. During this time, ERM emerged from being primarily a compliance-focused tool and became a systematic way to inform boards of directors about the financial, operational and strategic risks which could prevent an organization from achieving its objectives.

Around this time, several UW offices began to review the ERM literature and surveyed applications of the practice in higher education. In April of 2005, our new President, Mark Emmert formally charged V'Ella Warren, then-Vice President for Financial Management, and David Hodge, then-Dean of the College of Arts and Sciences, to identify best practices for managing regulatory affairs at the institutional level by using efficient and effective management techniques. We began a series of campus discussions with academic and administrative leaders about the management of risk across UW and recognized that a new layer of enforcement bureaucracy would not be accepted by the campuses; our model had to support the decentralized, entrepreneurial nature of our organization. A root cause analysis also informed us that our tendency to operate in information silos was at the heart of many of our compliance problems, and that the senior leadership did not receive truly comprehensive risk information.

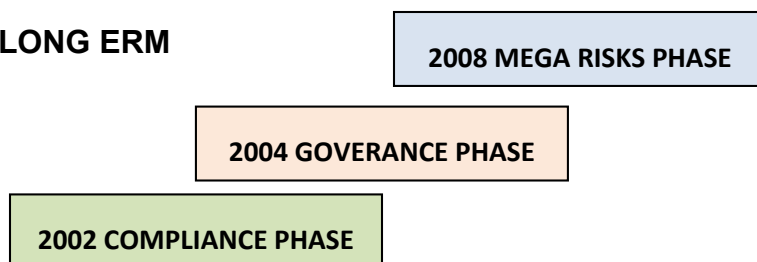
Further research into ERM models led to a decision to adopt a holistic approach which would integrate broad evaluation of risk and opportunity into enterprise-wide decision-making. Although not groundbreaking theoretically, we developed a practical and interactive model in which the results of methodical risk assessments would be discussed by a Compliance Council and a President's Advisory Committee on Enterprise Risk Management. The President chartered this model in the fall of 2006 and the processes began.

In the first years, a majority of the risk assessments and discussions were dedicated to reducing the institution's liability and raising the community's awareness of risk. Several important mitigation initiatives were funded as a result of this work. As the tools were refined, we realized the value of using them to assess various business opportunities.

The Mega-Risk Phase In 2008, ERM is again evolving, with an expanded focus on the mega-risks outside the control of any entity. The impacts of recession, the uncertainties of the global marketplace, energy shocks, demographic changes, technology vulnerabilities and many other uncontrollable elements are now among the variables an entity must consider in devising its risk strategy. Rapid assessment of the risks impacting various business models is a critical element of ERM in large companies today.

UW has also begun using ERM tools in new ways: to evaluate alternative methods of financing our mission-critical operations, such as patient care facilities; to streamline and organize our units' daily operations to strategically reduce risk; and to identify emerging mega-risks that will affect us in direct proportion to our preparedness to meet them. Agility is becoming the most valuable aspect of UW's ERM program as it continues to evolve.

STEPS ALONG ERM



This year's reports highlights key accomplishments as ERM has grown throughout the University. A self-assessment toolkit is being shared with interested departments, to walk them through identifying top risks in their own operations and programs. UW's Chief Information Security Officer has taken risk assessments further, adapting the techniques to produce quarterly performance measures of security activities. Follow up on prior years' assessments has improved reporting metrics and enhanced documentation of controls for identified risks.

Recommendations for 2009 include raising the perspective to think about how mega-risks, such as extended financial crisis, may impact UW's ability to achieve its strategic goals. Improving resiliency in the University's operations is an exciting new challenge for the ERM processes. We will be using the ERM structure to address one of the institutional recommendations concerning the UW Technology business model. And our ERM program will be used in underwriting discussions with the financial rating agencies to help us maintain our credit rating. ERM continues to grow and be involved with new aspects of the University.

II. In Their Own Words

With two years of experience with our enterprise risk management program, we asked members of the President's Advisory Committee and others to share their thoughts on what ERM means to them.

"I think that the ERM process has been of great assistance in using a common metric and process to identify and address risks across a wide spectrum of the campus. Without this process/metric, it would be easier to overlook specific risks or to just attempt to deal with the risk that is in the forefront without a careful analysis of the whole picture. Also, it is easier to compare risks across a wide variety of units. In all, I think this continues to be an important and fruitful process."

Cathryn Booth-LaForce, Professor, Family and Child Nursing, and Chair of Faculty Council on Research

"As an ex officio member of the Compliance Council, [I started the year expressing that] 'compliance' was not necessarily a good word for faculty members; indeed, when I recently mentioned the culture of compliance to a colleague of mine, she said, 'that's terrible!' What lies behind such reactions, I think, is the high value faculty accord to personal autonomy. . . . The notion of a culture of compliance sounds like yet another extension of impersonal, corporate control, shrinking the arena of self-expression in favor of discipline and conformity."

". . . Having served on this Council now for nearly a year, I'm happy to report that you don't strike me as an especially grim group. . . . Indeed, I'm very impressed by the acumen and professionalism of the staff and administrators who are themselves coping with externally imposed—and enforced!—regulations. Over the last ten months, I've come to understand that you're not here to get in our way, but to make it possible for us faculty legally to conduct the work we came here to do. . . . It's equally important, however, for you to understand what it's like for faculty who are mostly just trying to make things happen so their work can go forward. . . ."

"To faculty, it can appear that somebody somewhere has made a rule that's making our lives crazy, no explanation is forthcoming, and nobody cares. I know that's not how we want it to be, and that compliance officers and staff are themselves struggling with difficult issues not of their making. . . . To put it positively: the main

point of these valedictory comments is that I've come to understand your situation, and I hope you understand ours. I hope that working together, we can try to spread such understanding further, so that we can make compliance—or whatever term you choose—less threatening to faculty and frustrating to staff.”

David Lovell, Research Associate Professor, Psychosocial and Community Health, and 2007-08 Vice Chair, Faculty Senate



“I think the ERM project has been very valuable. ERM is not a hard science, but it does bring a rational new discipline to identifying, weighing, and choosing among the categories of risks that inevitably face the institution. Without this rigor, it is easy to lose sight of the full range of risks and the tradeoffs involved in reducing the risks. The ERM process enables managers to assay substantial risk exposures with a common set of tools and to harmonize the standards and expectations for minimizing - and sometimes tolerating -- the downside of our activities.

“I think the goal in the coming year should be to increase the volume of programs and projects to which ERM protocols are applied. More complex, inter-departmental activities can be examined centrally while more individual departments can apply ERM techniques to review of matters that are managed entirely at their internal level.”

Jack Johnson, Senior Assistant Attorney General

III. 2009 Recommended Goals and Directions

ERM continues to build on an established base of processes and tools for identifying, assessing, mitigating, and monitoring significant risks. Potential areas of beneficial activity for the coming year are outlined below, referencing the **original seven recommendations** from 2006.

- A. Consider what external “mega-risks” may impact UW’s ability to achieve its strategic goals. As noted in the Introduction to this year’s report, uncontrollable elements such as recession, energy shocks and demographic changes are variables that every entity must consider in devising its risk strategy. We propose to use a mega-risks model (on next page) to engage the PACERM in discussions of how such risks may impact the University’s ability to achieve its five strategic goals. This will contribute to the original recommendation of:

Recommendation 1. Integrate key risks into the decision-making deliberations of senior leaders and Regents.

- B. New Charter for the Compliance-Operations-Finance (COFi) Council. A review of the University’s ERM efforts identified a need for the Council to go beyond a focus on compliance. The review concluded that the Council should expand its scope to include financial and operational risks. In August 2008 the Compliance Council name was changed to the Compliance, Operations, and Finance (COFi) Council to reflect this new focus. Goals for 2009 include:

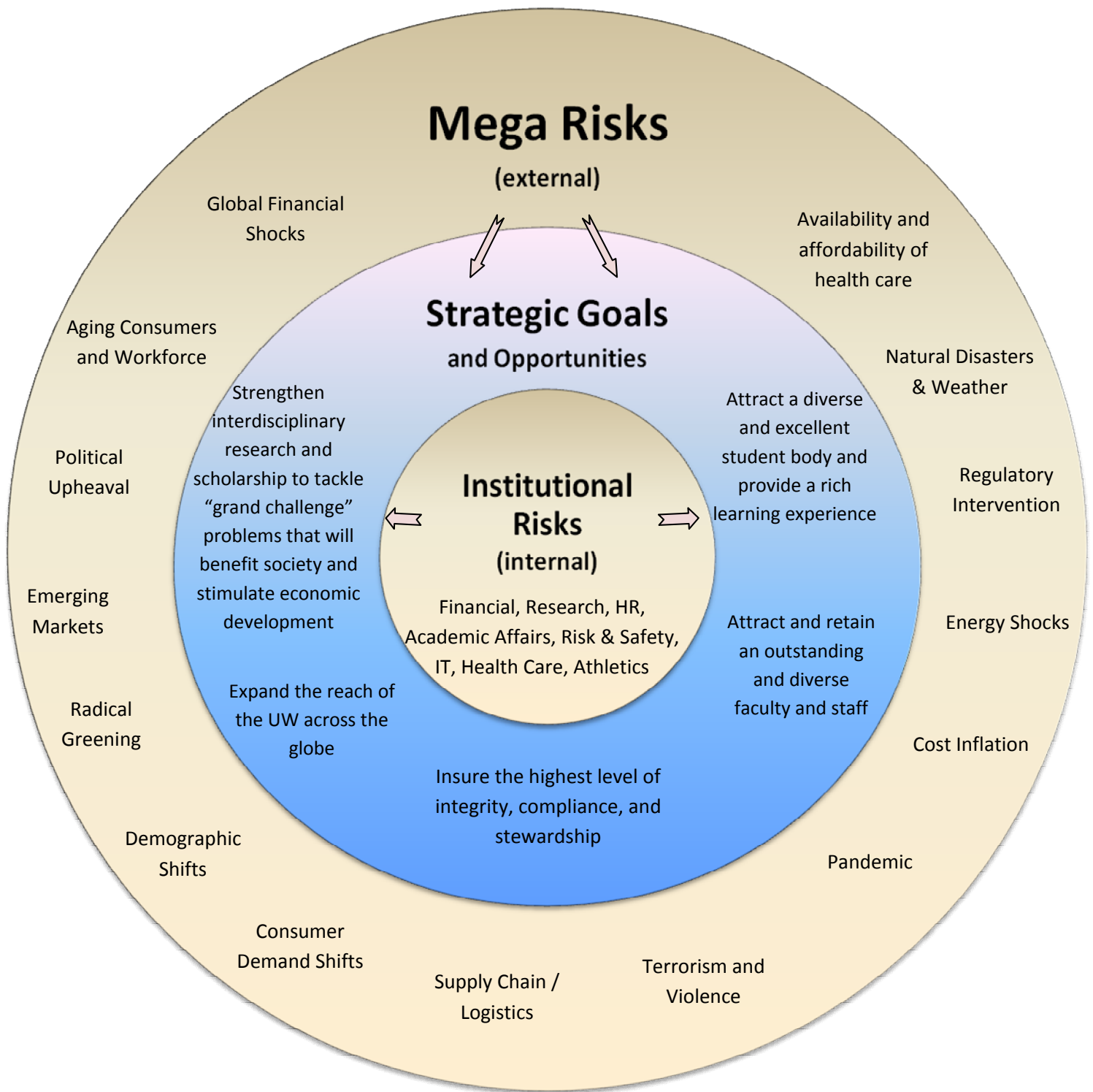
- Implement an anonymous reporting line and compliance web-site.
- Develop metrics for measuring and reporting achievements.
- Provide an open forum for identifying and assessing emerging risks.
- Continue to enhance and strengthen our culture of compliance.

This change in focus will address three of the original recommendations:

Recommendation 2. Create an integrated, institution-wide approach to compliance which is consistent with best practice.

Recommendation 4. Create a safe way for interested parties to report problems.

Recommendation 5. Minimize surprises by identifying emerging compliance and risk issues.



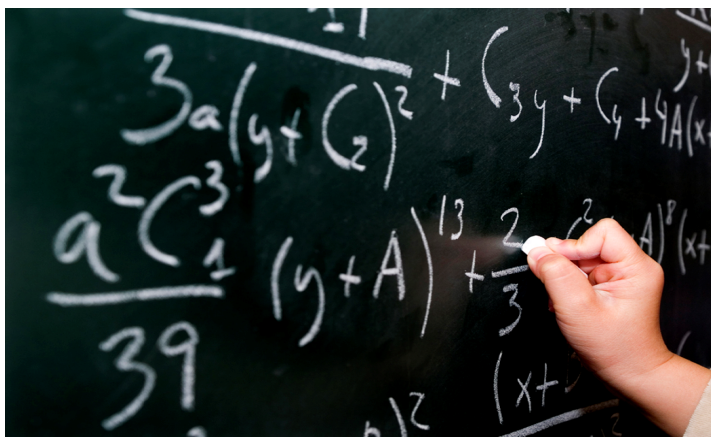
- C. Continue to build the ERM program with the Office of Risk Management. ERM webpages will be enhanced. The self-assessment toolkit will be widely distributed and departments supported in their use of it. We will continue to follow up with risk owners on the progress they make with mitigation plans, and expand the monitoring to include all of the completed comprehensive assessments. Using the model developed by CISO for its own performance metrics, we will develop an institutional level version that summarizes progress on all the key risk indicators. This addresses two more of the original recommendations:

Recommendation 3. Ensure that good information is available for campus community.

Recommendation 7. Check progress on compliance and risk initiatives.

- D. New audit leadership. The coming year will see the start of a new Executive Director for Audits, who will bring a new perspective on the use of enterprise risk management in identifying and assessing key institutional risks. That person will facilitate the COFi Council, and provide crucial guidance for our ERM program. This addresses another of the original recommendations:

Recommendation 6. Maintain strong audit team with ability to proactively identify problems and collaboratively recommend solutions to appropriate decision-makers.



IV. 2008 Accomplishments

The original seven recommendations from the Collaborative Risk Management Final Report (February 13, 2006) form the outline of what has been accomplished this year.

1. Integrate key risks into the decision-making deliberations of senior leaders and Regents.

Senior Leadership Engaged in ERM Priorities and Recommendations

The President's Advisory Committee on Enterprise Risk Management (PACERM) continued its role of identifying top risk areas for comprehensive assessments. Follow up on key risk from last year, Safety of Students, demonstrated the effort that has gone into this important topic. Open discussion of emerging risks brought forward new ideas, including a priority for the coming year to look at the risk of failing to recruit and retain top talent.

Compliance Updates for Board of Regents

UW Medicine and the Department of Intercollegiate Athletics presented annual reports on their compliance programs, and ongoing efforts to minimize risks and address current issues.

UW Medicine Patient Safety Initiatives Update

UW Medicine-Harborview Medical Center (HMC), UW Medical Center (UWMC), UW Physicians Neighborhood Clinics (UWPN) and UW Physicians (UWP) continue to focus on Patient Safety and Quality of Care as the top priority, with several major steps towards accelerating the quality agenda that include:

- ✚ Meetings with the National Leapfrog group, implementation of Leapfrog standards for quality and safety which are built on Institute of Medicine and IHI goals, and overall improvement of the publically reported Leapfrog scores for both medical centers-HMC and UWMC.
- ✚ Commissioned the University HealthSystem Consortium (UHC) to complete a focused assessment of the patient safety and quality program that included interviews with staff, physicians, management and Board members. The medical centers are utilizing the summary findings to develop the FY 09 work plan for improvement.
- ✚ Participated in the centers for Medicaid/Medicare Services (CMS) publically reported measurements (HCAHPS score) of patient satisfaction with quality of care received.
- ✚ Funded and implemented additional training modules for graduate medical education resident training to increase the quality and safety of procedures.
- ✚ Engaged in UW Medicine Board and Harborview Board level discussion to define and develop Patient Safety and Quality of Care metrics for Board review.

FY2009 Investments in Integrity/Compliance/Stewardship

Institutional investments in areas that have been included in ERM reviews include: \$1.19 million for research administration support [staffing in Sponsored Programs, Human Subjects review boards, Grant and Contract Accounting, and Environmental Health and Safety compliance monitoring]; \$1.8 million in administrative support [SAFE hotline, staffing in Human Resources, Internal Audit, and Information Management]; and \$3 million in administrative computing systems.

New Focus on Financial Risks

Recognizing that ERM needs to expand beyond a focus on compliance, a proposal has been developed for PACERM approval to recharter the Compliance Council with an expanded scope to include financial and operational risks as well as compliance, to better respond to the full spectrum of risks and opportunities.

2. Create an integrated, institution-wide approach to compliance which is consistent with best practice.

Compliance Council continued to build networks and understanding among institutional compliance officers. Conversations included identification of UW affiliates, termed “orbiting orgs”, being all the related entities who may affect University risk exposure in various ways. Differences in responsibilities between audit and a compliance office illustrated how the roles are different, yet related. See the full Compliance Council report beginning on page 26.

In 2007, the Council produced the first institutional compliance risk map. During this year, more than a third of Council members provided further information about their existing procedures, training, monitoring, and other controls which address their specific compliance risks. This information fills in the institutional Risk Register, documenting the efforts to achieve compliance.

The Office of the Chief Information Security Officer (CISO) took these efforts a step further, using risk identification and assessment as a basis for creating a program performance scorecard; this work is described beginning on page 28.

3. Ensure that good information is available for campus community.

ERM’s standard processes for risk identification and assessment, using common rating scales for likelihood and impact, have been incorporated into a “self-assessment toolkit” with the intent of encouraging departments and units throughout the University to apply ERM to their own operations. The toolkit is discussed beginning on page 32, and the complete toolkit booklet is provided as an attachment to this report.

The ERM program has been assigned within the Office of Risk Management, which itself is now part of the Treasury Office. ERM webpages are available through the Risk Management website.

4. Create a safe way for interested parties to report problems.

UW SafeCampus Update

The Violence Prevention and Response Program, introduced in 2007, received permanent funding and is now staffed with a team experienced in violence prevention, victim advocacy and program management. Three SAFE phone lines operate 24 hours a day, seven days a week, serving the Seattle, Bothell and Tacoma campuses. Phone response staff helps callers clarify their concerns, identify immediate risk mitigation steps, connect callers with University or community resources, and arrange for follow-up as needed.

A SafeCampus public information campaign has been developed (for launch September 2008) to raise awareness of how violence can enter and affect our community, and of the University's policies and programs designed to prevent and respond to threats of violence. The campaign will center on publicizing violence prevention and response resources, policies, and training opportunities on the Seattle, Tacoma and Bothell campuses.

Other program developments, including the volume of services provided, are outlined in a progress report SafeCampus Progress Report/January 2008-August 2008 (see illustration #1 on page 16).

Development of UW Reporting Line

Additional work on determining how to establish an anonymous reporting line at UW included: meeting with two peer institutions to discuss how their reporting lines work; meeting with a few providers of reporting line services to understand the range of possibilities for this service; and discussions led by Internal Audit with senior leaders to identify questions they may have in how a reporting line may be implemented at UW.

5. Minimize surprises by identifying emerging compliance and risk issues.

Comprehensive risk statements were completed for the following priority topics:

- Occupational Health and Safety – Campus experts assessed general exposures, protection and training, systematic factors and costs that can impact the health and safety of faculty and staff.
- Privacy – Patient privacy officers identified and assessed key risks around the use and handling of confidential patient information.
- Cash Handling – Follow up to a state audit review, the assessment team looked at areas of potential loss for both central and campus units that handle and deposit cash.

- Animal Research Facilities Alternatives – Accreditation requirements determine the spaces suitable for conducting animal research; as pressures grow for such space, alternative investment options were considered for meeting the top risks.
- Southeast Campus Construction Impacts – The Sound Transit project is moving towards start of construction; this team brought together departments whose members and visitors/patients will be affected to identify key mitigation planning efforts.
- Cloud Computing Alternatives – Opportunities exist to use computing capacity and storage at large organizations, such as Google, to provide services for campus users at little or no cost; however, such remote and independently operated sites raise compliance concerns for privacy of student records, and ability to produce records when legally required to do so; this assessment looks at several alternatives which can be used to address those risks.

The top risk Summary Pictures for these assessments follow this report (see illustrations 2 to 7, beginning on page 18).

As noted above with the new focus on financial risks, the Compliance Council charter is proposed to add financial and operational risks. PACERM will enhance its strategic perspective, with discussions of “mega risks” that may impact UW; see 2009 Goals.

6. Maintain strong audit team with ability to proactively identify problems and collaboratively recommend solutions to appropriate decision-makers.

The Internal Audit department was expanded from 9 to 15 audit staff. Audit teams were restructured and additional auditors were hired with expertise in research compliance and information technology. A separate audit team was established and responsibility for performing audits of UW Medicine was transferred to Internal Audit.

7. Check progress on compliance and risk initiatives.

ERM followed up on progress by risk owners from the 2007 assessments, as to how they are addressing top risks. A format was developed to relate the original risk level with an updated risk level based on any mitigation in the past year. This model also identifies gaps between what the ideal risk level will be when mitigations are complete versus what the current level of risk is—a way for risk owners to think about priorities as they continue to manage their top risk areas. The progress reports are discussed further beginning on page 24.

Validation Ratings

The following factors are considered in validating the level of analysis and risk ratings (likelihood and impact) for each completed risk summary picture (for reference with the risk summary pictures on pages 18 to 22).

	Basic Level	Intermediate Level	Advanced Level
Quantitative Analysis	Minimal data Quantification of selected few risks, typically compliance or financial	Review of some UW data Quantification of multiple risks, including operational risks	Analysis of UW data such a loss claims, EHS incident reports Continuous feedback/ assessment of data
Qualitative Analysis	Reliance on people for information: opinion poll, anecdotes, case studies of UW experiences	More complete collection, review of UW experience Review past audit reports Consideration of peer/ industry best practices	Documented evidence of UW multi-year trends Significant analysis/ comparison of UW with others, such as peer or industry studies
Team Expertise	UW team with general knowledge of risk area and requirements for compliance, financial, operations, and strategic	UW team with expert knowledge and experience in risk area	UW experts and outside expertise/analysis
Other Factors	Risk transfer: - Commercial insurance, self-insurance ; or - Contract requirements	Regulatory examinations and other periodic, formal external reviews or accreditation	Actuarial analysis Financial analysis/ UW Treasury

Progress Report | January 2008 – August 2008

RESOURCES

- Permanent funding established for the Violence Prevention and Response Program (VPRP).
- Recruited and trained VPRP staff with expertise in violence prevention, victim advocacy and program management.
- UW Police Department appointed new victim advocate position responsible for assisting crime victims and their families, and witnesses through the process of physical, emotional and financial recovery.
- Rape Aggression Defense (RAD) Program added to UW Police Department-sponsored programs in August 2008. Enrollment open to UW community free-of-charge.
- Health & Wellness, a unit within StudentLife, established to work directly with students who may need a higher level of support and individual attention.
- UW Outdoor Alert system successfully tested after UW Technology installed 12 new Talk-a-Phone towers, which were approved by the Emergency Management Planning Committee as part of the UW's ongoing work to improve emergency communications.

COMMUNICATIONS, OUTREACH & TRAINING

- SafeCampus website averaged 162 visits per day.
- UW Alert registered 10,276 subscribers to receive emergency notifications by email and text messaging.
- Marketing materials and redesigned website produced for SafeCampus public information campaign starting in September 2008.
- 1372 people attended in-person training sessions (46 department-specific training sessions provided by UWPD and HR Operations; 13 campus-wide training sessions open to faculty, staff, and students; 54 safety talks/worksites security reviews conducted by UWPD)
- Violence prevention and response resources promoted at nine University events, including fairs at UW Bothell and UW Tacoma.

POLICY

- Implemented new legal provisions that assist victims of domestic violence, sexual assault, or stalking.
 - **Employment Leave for Victims of Domestic Violence (SHB 2602).** Employees who are or whose family members are victims of domestic violence, sexual assault, or stalking are entitled to reasonable leave to seek legal advice; find medical treatment, mental health or social services; obtain shelter; or participate in safety planning. Effective April 1, 2008.
 - **Shared Leave Sharing for Victims (SSB 6500).** Extends shared leave eligibility to employees who are victims of domestic violence, sexual assault, or stalking. Effective October 1, 2008.
- UW Police coordinated the compliance with the **Campus Safety and Security Act (SSB 6328)** by gathering information from other departments and organizing a uniform report format with other WA institutions of higher education.

STATISTICS

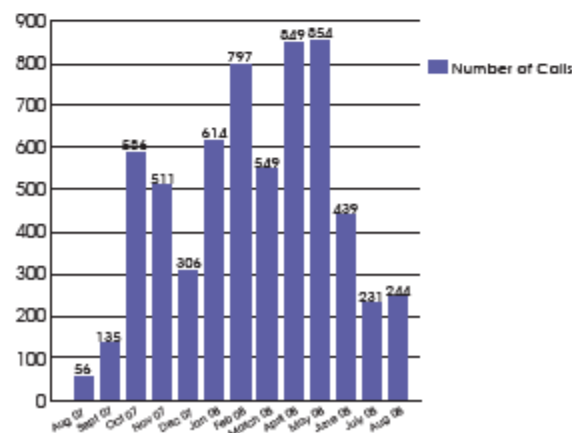
UW CareLink Utilization for individual consultations increased by 47% over the same period the previous year.

- January–June 2008: 945 individual consultations
- January–June 2007: 643 individual consultations

UWPD Crime Victim Advocacy Assisted over 35 students, faculty, and staff members. Services included:

- Enrolled three victims in the Washington State Address Confidentiality Program.
- Conducted 15 court accompaniments for victims petitioning for protective court orders.
- Assisted three victims in applying for Crime Victims Compensation.
- Facilitated the legal breaking of three apartment leases under RCW 59.18.575.

Husky NightWalk



Progress Report | January 2008 – August 2008

Violence Prevention & Response Program

- Calls to SAFE phone number reported 246 issues of concern and 45 requests for information/materials from January 2008 – August 2008.
- 58 assessments from January 2008–August 2008.

Note: Previous Progress Reports included the number of assessments and "case reviews." In January of 2008, VPRP in cooperation with campus partners re-evaluated how calls were triaged and eliminated the category "case reviews." The new classification system follows:

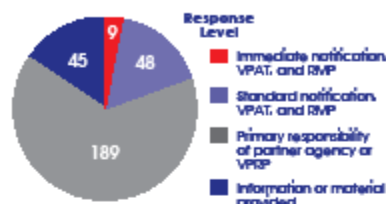
Level 1: Violence Prevention Assessment Team (VPAT) is notified and convened as soon as possible.

Level 2: Issue is discussed at next scheduled VPAT meeting (VPAT meetings are held three times per week).

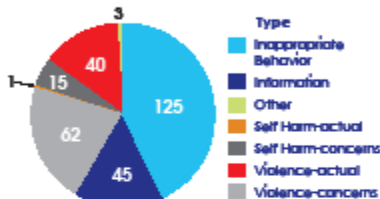
Level 3: These situations require the same level of communication with the caller and analysis as other Response Levels. Situations assigned Response Level 3 do not have a VPAT. Instead, VPRP is responsible for monitoring and following up on required risk mitigation strategies or they are referred to other UW departments to be the lead and carry out further actions required—while keeping VPRP informed of developments.

Level 4: Request for information/materials or not UW jurisdiction.

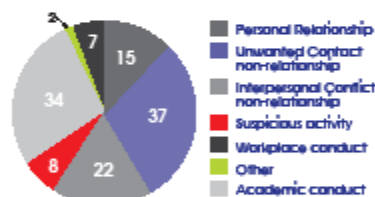
Number of Issues Reported - 291 total



Count by Issue Type - 291 total



Inappropriate Behavior Detail - 125 total



	Role of the Person Experiencing the Concern	Role of the Person Causing the Concern	Role of the Person Reporting the Issue
UW Faculty - Non Supervisor	23	11	11
UW Faculty - Supervisor	4	3	13
UW Graduate Student	1	1	0
UW Graduate Student Employee	6	3	1
UW Staff - Non Supervisor	88	42	57
UW Staff - Supervisor	23	6	83
UW Undergraduate Student	42	23	12
UW Undergraduate Student Employee	20	11	6
VPRP Partner	0	0	74
Public	4	6	2
Public (Patient)	2	24	0
Public (Personal Relationship)	3	35	8
Public (Previous UW Affiliation)	3	10	0
Unknown Identity	0	14	0
Other	2	1	2

Occupational Health and Safety – Risk Summary Picture

Risk Assessment Work Group:

Stan Addison, Paul Brown, Thea Brabb, Robert Carroll, David Emery, Ron Fouty, Carol Garing, Norma Jean Haulman, David Kalman, JoAnn Kauffman, Dave Leonard, Bruce Miller, Erin Ondrak, Gary Pederson, Lou Pisano, Patricia Riley, Ellen Rubin, Denis Sapiro, Shari Spung, Stephanie Steppe, Michael Welch, Melinda Young, Karen VanDusen, Karen Zaugg, David Zuckerman

TOP RISKS	Current Environment
Employee protection & training: Inadequate personal protection, training, monitoring and emergency preparation for researchers, staff and faculty cause short and or long term safety/health hazards, injury, illness or death	
General exposures: Environmental releases/excess exposure to physical, chemical, biologic, ionizing and non-ionizing radioactive, and/or other workplace hazards result in faculty, staff, or student injury, illness or death	
Systemic factors and strategic planning: UW research practices, risks, and/or lab acquired illnesses result in negative media coverage and negative impact on UW image/fund raising/reputation	
Systemic factors and strategic planning: Insufficient resources to provide comprehensive oversight of workplace and research risks/practices hinders research enterprise and ability to anticipate risks to employees, students, resulting in injury or illness	
General exposures: Employees/students injured as a result of acts of violence	
Research factors: Use of infectious agents or other hazardous materials without approval, adequate controls or monitoring causes disease/illness	
Long term costs: Insufficient NIH safety compliance regarding biosafety and animals leads to funding loss and capital costs	
Systemic factors and strategic planning: Insufficient process to deliberately and systematically identify health and safety risks leads to inadequate prevention and control of risks	
General exposures: Work being done by contractors & other non-UW employees' causes Injuries, illnesses, exposures to UW employees/students	
Decentralization of academic programs: Decentralization, turnover, inexperience hinders control programs for injury prevention, particularly in <u>Academic</u> side	
Long term costs: Increased costs and hazards due to limited consideration of environmental health and safety construction issues (e.g., codes, standards, accreditations) in renovation or new construction of labs or other facilities	

Validation Rating: **INTERMEDIATE.** UW team with expert knowledge and multidisciplinary experience in occupational health & safety, compliance requirements and internal controls. Assessment includes knowledge of University incidents/accidents, workers' compensation experience factors, fines and other regulatory reviews.

Patient Privacy Oversight Group – Risk Summary Picture

Illustration 3

Risk Assessment Work Group:

Tara Adolfi, Jane Fellner, David Hays, Stephanie Jellison, Colleen Johnson, Eunice Little, Suzanne McCoy, Richard Meeks, Christopher Norton, Shelly Oosterman, Marcia Rhodes, Ellen Rubin, Bekki Sanchez, Tina Sheldon, Johanna Taylor, Addie Price, Catherine Thieman

TOP RISKS	Risk Evaluation based on:		
	Without Controls	With Controls	With New Controls "Mitigation"
Verifying the Identity & Authority of Individuals Requesting Access or Disclosure: Inappropriate use/access of PHI			
Verifying the Identity & Authority of Individuals Requesting Access or Disclosure: Workforce members releasing specially protected PHI			
Training: Workforce members, including volunteers, management & students, not completing required training			
Verifying the Identity & Authority of Individuals Requesting Access or Disclosure: Workforce members releasing PHI outside their scope of work			
Decentralized structure: UW Medicine's decentralized structure results in inconsistent investigations, inconsistent sanctions, inconsistent hiring, rehiring practices, and fragmented Medical Record documentation.			
Verifying the Identity & Authority of Individuals Requesting Access or Disclosure: Workforce members releasing PHI not for Treatment, Payment, Healthcare Operations; under an authorization by a patient; or when mandated/permitted by law			
Research: Accessing PHI for research without IRB approval			
Access: Not deactivating access to PHI in a timely manner			
Access: Provide PHI access outside workforce member's job duties			
Fundraising & Marketing: Patients misperception that UW Medicine is using PHI for fundraising			
Memorandums of Understanding: Providing access to non-UW individuals then these individuals using and/or disclosing PHI inappropriately			
Accounting Disclosures: Disclosing PHI that is mandated by law without accounting for disclosure			
Training: Privacy, Confidentiality, and Information Security Agreement are not being signed by workforce members at job performance evaluations / re-credentialing			
Access: Inappropriate collection and use of social security numbers			

Rating Validation: INTERMEDIATE. Excellent team expertise in all aspects of privacy, compliance requirements, current UW operations and internal controls. Known frequency of privacy events, fines; experience with investigations and external regulators.

Cash Handling – Risk Summary Picture

Risk Assessment Work Group:

William Christensen, Tess Domingo-Herrera, Jeff Follman, Evelyn Jagoring, Karen Long, Sandie Rosko, Gina Salois

TOP RISKS	Risk Evaluation based on:		
	Without Controls	With Controls	With New Controls "Mitigation"
State of Washington Admin. & Accounting Manual: UW departments are not in compliance with cash handing policies			
Revolving Funds: Funds are Misappropriated			
Field Advances: Funds are Misappropriated			
Field Advances: Financial Records are Incorrect			
Small Decentralized Units That Direct Deposit: Funds are Misappropriated			
Large Decentralized Units that Direct Deposit: Financial Records are Incorrect			
Central Units: Funds are Misappropriated			
Large Decentralized Units that Direct Deposit: Funds are Misappropriated			
Revolving Funds: Financial Records are Incorrect			
Central Units: Financial Records are Incorrect			
Departments who receive small amounts of cash and transmit to SFS: Funds are Misappropriated			
Small Decentralized Units That Direct Deposit: Financial Records are Incorrect			
Departments who receive small amounts of cash and transmit to SFS: Financial Records are Incorrect			

Rating Validation: **INTERMEDIATE.** Excellent team expertise in all aspects of cash handling requirements, current UW operations and internal controls. Analysis of transaction volume and audit results.

Animal Research Facilities Plan – Risk Summary Picture

Risk Assessment Work Group:

Kathryn Waddell, Dave Anderson, John Chapman, Michael Carette, Denny Liggitt, Nona Phillips, Colleen Pike, Chris Malins,
Jill Morelli, Stephanie Steppe, Oliva Yang, Jim Angelosante

TOP RISKS	Risk Evaluation based on three options:		
	No Further Investment	Remodel & Improve	Build New & Expand
Unable to maintain AAALAC accreditation, USDA Registration and UW's Animal Assurance			
Increasing requirements for specialized research space			
Unable to recruit & retain key research faculty, staff, and graduate students			
Not competitive for new grants and contracts			
Unable to sustain and expand animal census. Reduction in animal census and procedural areas due to space constraints			
Reputation risk for competitive research edge			
Physical harm to researchers, staff and animals			
Unable to maintain adequate support for teaching and research mission			
Investment costs increase due to construction inflation and/or interest rates increase, increasing the cost of borrowing			
Require additional University financial support			
Competing construction projects for South Campus space			

Rating Validation: **BASIC.** A first effort to identify risks associated with funding future Animal Research Facilities. Analysis of three options based on a team of campus experts with extensive knowledge and experience in risk areas.

SE Campus Impacts from Construction Projects – Risk Summary Picture

Risk Assessment Work Group:

Jim Angelosante, Natalie Bankson, Alex Berezow, Andy Casillas, Jeff Compher, Peter Dewey, Theresa Doherty, Chip Lydum, Ralph Robinson, Daniel Schwartz, Helen Shawcroft, Stephanie Steppe, Chuck Treser

TOP RISKS	CURRENT Environment- Controls-Plans
Interrelated Projects: Project delays and cost increases for other UW construction, due to competition for trucks, labor, and roadways from Sound Transit project, and others.	
Street Traffic: Emergency vehicles, public transportation, shuttles, other UW operations disrupted due to traffic congestion.	
Revenues: Decline in revenues for UWMC Dentistry Athletics Waterfront Activities Ctr visits, rentals, reserv	
Parking: UW, UWMC, Dentistry, ICA visitors, faculty, staff, students and/or patients encounter greater challenges in finding parking.	
Health and safety: Increases in jaywalking, pedestrian/bicyclist injuries and near misses.	
Health and Safety: Concern for appropriate, nearby evacuation and assembly surface space (game days, large events, disaster planning and preparedness).	
Financial impacts: Increased UW operating costs (e.g. devote existing staff or hire new staff to coordinate for project impacts)	

Validation Rating: **INTERMEDIATE.** Good representation of units and programs to be impacted during construction. Excellent team expertise in all aspects of current UW operations, and majority of assessment team members knowledgeable about UW transit plans and impacts through participation in prior committees and meetings. Significant financial impact analysis by major units (UWMC, Athletics, Parking). Participation by UW Project Manager to provide information about plans and agreement terms.

Google “Cloud Application” – Risk Summary Picture

Risk Assessment Work Group:

TOP RISKS	Option #1 – Current business operating environment	Option #2 – Current business operating environment with additional funding for strategic security initiatives	Option #3 – Risk associated by adding authorized cloud computing (incl Option 2) with standard contract and SAS 70 controls	Option #4 – Risk associated by adding authorized cloud computing (incl Option 3) and negotiated contract with additional security controls
Large data caches with confidential data (databases and large data files) >100k individuals or >\$250k loss [note these risks are similar for individual data caches/smaller databases and loss; impact somewhat lower for unnecessary breach notification/costs]				
Unnecessary breach notification, associated costs and reputational loss				
Data collection by nation states				
Theft of data by organized crime				
Risk ratings improve compared to current environment under options 3 and 4 for following: <ul style="list-style-type: none"> - Failure to meet data control requirements of state/federal regulations and contract obligations - Sanctions by regulators for compliance failures - Liability of civil action for loss of data - Loss of data integrity - Loss of access to data 				
Federal Rules of Civil Procedure (FRCP) – includes email and documents: Risk ratings improve compared to current environment under options 2, 3 and 4 for all identified risks: <ul style="list-style-type: none"> - Failure to respond to court request in a timely manner - Failure to be able to freeze records - Failure to provide all related data - Failure to demonstrate reasonable operational practices (due care) 				
Data classified as public and restricted (email and information sharing tools): Risk ratings improve compared to current environment under options 2, 3 and 4 for all identified risks: <ul style="list-style-type: none"> - Failure to meet data management compliance requirements (WA data retention rules, IRS related data) - Failure to provide enforcement for codes of conduct (appropriate use) - Failure to protect intellectual property interests - Data collection by nation states, or theft of data by organized crime 				

v. Progress Report on 2007 Assessments

One of the accomplishments during the first year of enterprise risk management was to produce the University's first Institutional Risk Map, illustrating the top compliance, operations, financial and strategic risks. These risks were identified through comprehensive assessments of risk topics identified by PACERM as priorities for 2007.

As part of each assessment, the evaluation teams identified potential mitigations which they believed would reduce the institution's exposure in specific risk areas. During this second year of ERM work, each risk owner was asked to provide an update on mitigations that have been taken or put in place. Based on their assessment of those mitigations, and on any changes in their environment and in their programs or operations, the risk owners were asked for their judgment on the current likelihood and impact of each of the 2007 key risk statements.

The comparison of changes in risk exposure on these key risks is illustrated below.

Compliance Risks	2007	2008
Post-Award Financial Admin		
Post-Award Financial Admin		
Global Support		
Post-Award Financial Admin		
Asbestos		
Asbestos		
Student Safety		
Pollution		
Student Safety		
Pollution		

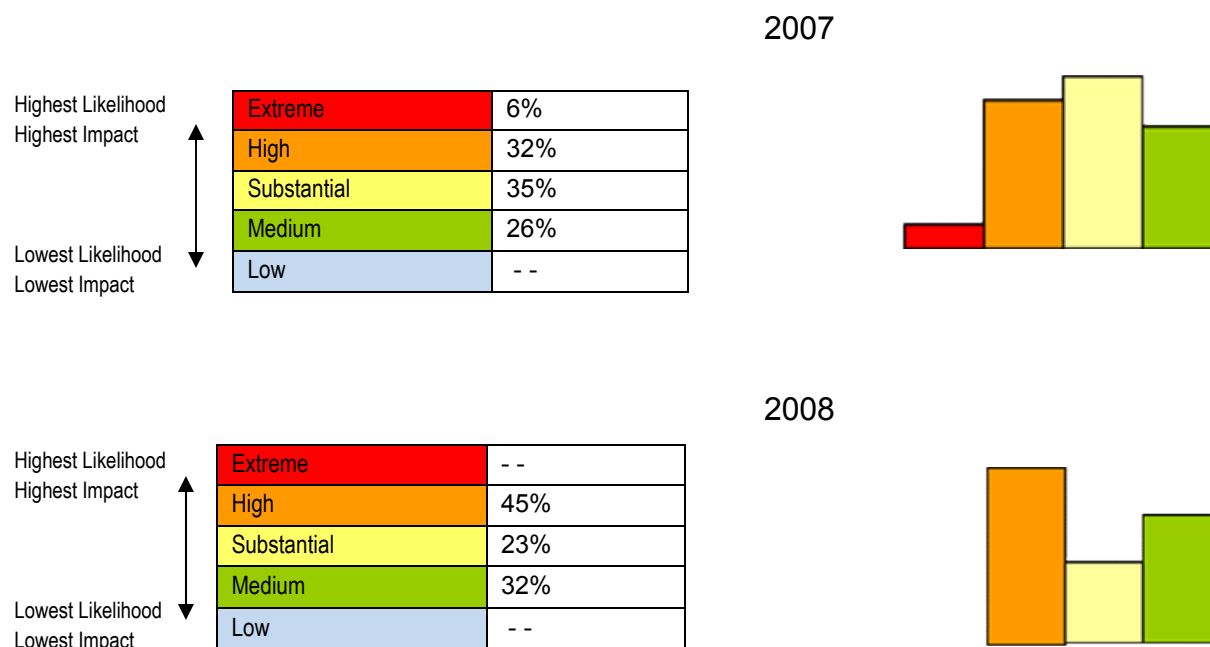
Operations Risks	2007	2008
Student Safety		
IT Security		
IT Security		
IT Security		
Global Support		
Student Safety		
Asbestos		
Global Support		
Global Support		
Pollution		
Pollution		

Financial Risks	2007	2008
Post-Award Financial Admin		
Post-Award Financial Admin		
IT Security		
Global Support		
Pollution		

Strategic Risks	2007	2008
Student Safety		
IT Security		
IT Security		
Pollution		
Global Support		

A number of risk areas, notably Student Safety and Post-Award Financial Administration, were able to somewhat reduce the highest risks through efforts in the

past year. Another view of how overall institutional risks in these categories has been reduced is shown below.



The ERM program will continue to assist risk owners who perform annual mitigation reviews and assessment updates. A goal for the coming year is to develop an institutional risk scoreboard along the lines of the one that is discussed in the section of this report on CISO Risk Assessment and Scoreboard.

vi. UW Compliance Council 2008 Annual Report

Since 2006 the University of Washington has engaged in an Enterprise Risk Management program. As part of that program, the Compliance Council represents the University's strategy for creating a more comprehensive institutional risk perspective without sacrificing existing organizational structures. It is the formal mechanism for convening representatives from each significant institutional compliance area.

The Council is organized under the umbrella of the President's Advisory Committee on Enterprise Risk Management (PACERM). The Council includes 25 members representing 19 different compliance areas within the University. Meetings are facilitated by the Executive Director of Internal Audit, and were held seven times over the past year.

A Steering Committee is responsible for directing the work of the Council, making recommendations to PACERM on the Council's work plan, and acting as the subject matter expert/liaison for risk assessments or projects. The Committee members include representatives from the key UW-wide compliance areas of research, patient care, human resources, business services, IT security, risk management, and internal audit.

2008 Compliance Council Goals and Accomplishments

During the past year the work of the Council was focused around four key goals.

1. Enhance and strengthen our culture of compliance.

The Council was introduced to the culture of compliance pyramid. The pyramid identifies the key elements that make up a model compliance program and helps provide an understanding and awareness of how to achieve our goal of an on-going "culture of compliance".

There are a variety of organizations that are closely affiliated with the University, or which the University is a member of such as the UW Alumni Association, Husky Fever, or Seattle Cancer Care Alliance. The Council explored the relationship of these organizations to the University and obtained an understanding of the types of risk that they represent to the University.

In an effort to enhance Council members' knowledge of compliance, Council meetings included presentations on the UW research enterprise, a comparison of academic healthcare compliance programs to the internal audit function, business continuity and essential services, the state ethics law, and use of the Enterprise Risk Management toolkit for risk identification and assessment.

2. Provide employees with a safe place to raise compliance and ethics concerns by implementing an anonymous reporting line.

The purpose and reason for implementing an anonymous compliance and ethics reporting line at the University was discussed with the Council. This information was shared with key faculty, administrators, and staff throughout the University to obtain their input and any concerns that may need to be addressed.

In February, a special meeting was held to provide Council members with the opportunity to learn about the compliance and ethics reporting lines at Michigan and Ohio State Universities. Presentations were made by the Directors of Internal Audit on how their reporting lines were structured, the implementation process, and lessons learned.

Work has begun on drafting the guiding principles and standard operating procedures for the anonymous reporting line. This project will continue on into 2009.

3. Support compliance training and outreach by launching a compliance website.

In 2007 the Steering Committee agreed on a format for the website. During 2008 a University wide survey was completed to identify what areas/departments are currently handling what types of compliance issues or complaints. This information will provide the basis for developing a useful and informative web-site.

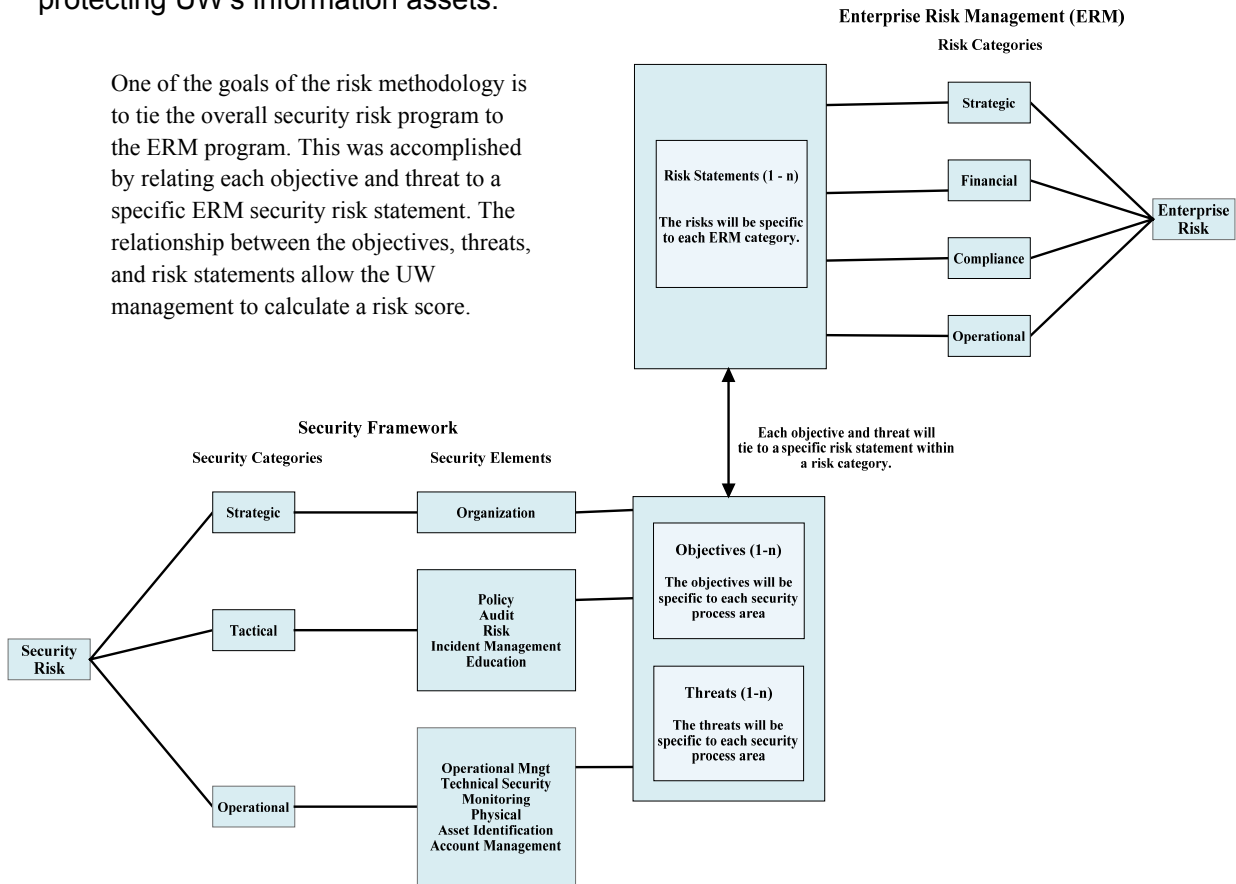
4. Focus on providing an open forum for identifying and assessing emerging risks.

Council meetings provided a supportive forum for discussing and vetting emerging compliance issues. Members discussed evolving issues in the areas of sponsored research, health and safety, human resource management, IT security, public information requests, and changes to the state whistleblower regulations.

The Steering Committee's planning for 2009 Council activities led to development of a recommendation to expand the Council beyond a focus on compliance, by adding operational and financial risk considerations to the Council's work. A revised Council charter has been developed and will be submitted to the PACERM for its endorsement.

vii. UW's Office of the Chief Information Security Officer Takes Risk Identification and Assessment to New Levels

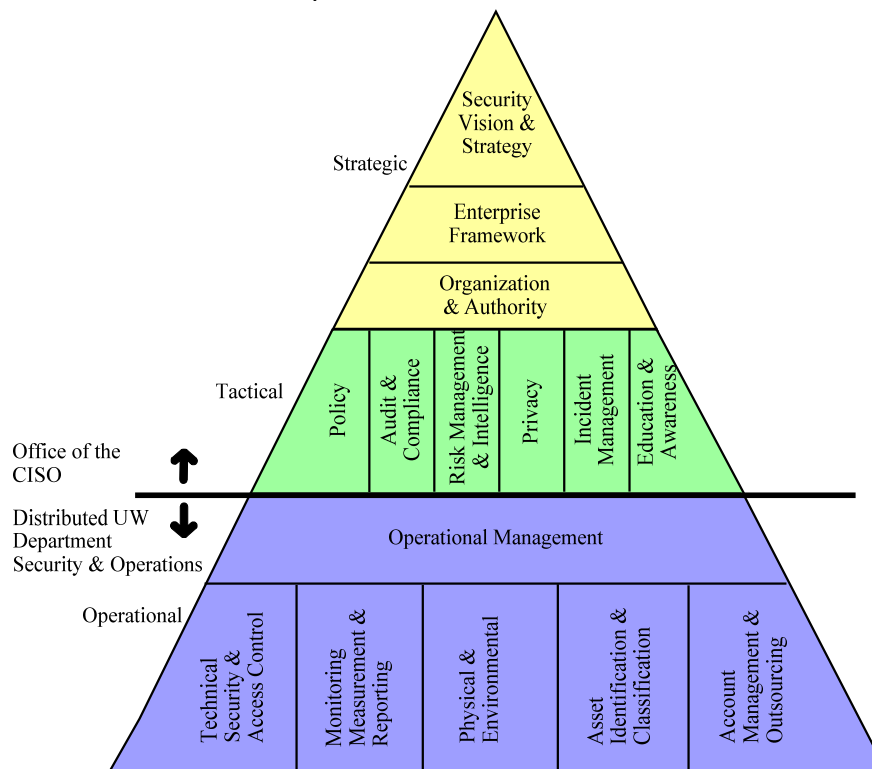
UW's Office of the Chief Information Security Officer (CISO) has embraced ERM and risk assessments as a valuable process for identifying and gauging the degree of threats for information technology. The Office of the CISO participated in the Compliance Council's compliance risk map and led a comprehensive assessment of information security risks. The top risks from the assessment helped establish the priorities to direct additional resources for protecting UW's information assets.



The Office of the CISO has taken the ERM process further: *“A fundamental accomplishment was the development and adoption of the Office of the CISO risk management tools and scorecard. The tools provide a valuable focus on our performance and resource expense. More importantly, publishing our scorecard provides a widely acceptable medium for UW management to understand how the Office of the CISO is addressing information security challenges. The strategic plan and security elements are based on risk tools and provide an effective compass.”* (September 2008 Office of the CISO Quarterly Risk and Scorecard Report)

This model of developing a comprehensive scorecard for all the applicable risks will be used as a basis for developing standard reporting in all of UW's major risk areas. We commend CISO for this excellent work.

The scorecard is based on Strategic Security Elements, responsibility for which is split between the Office of the CISO and UW departments.



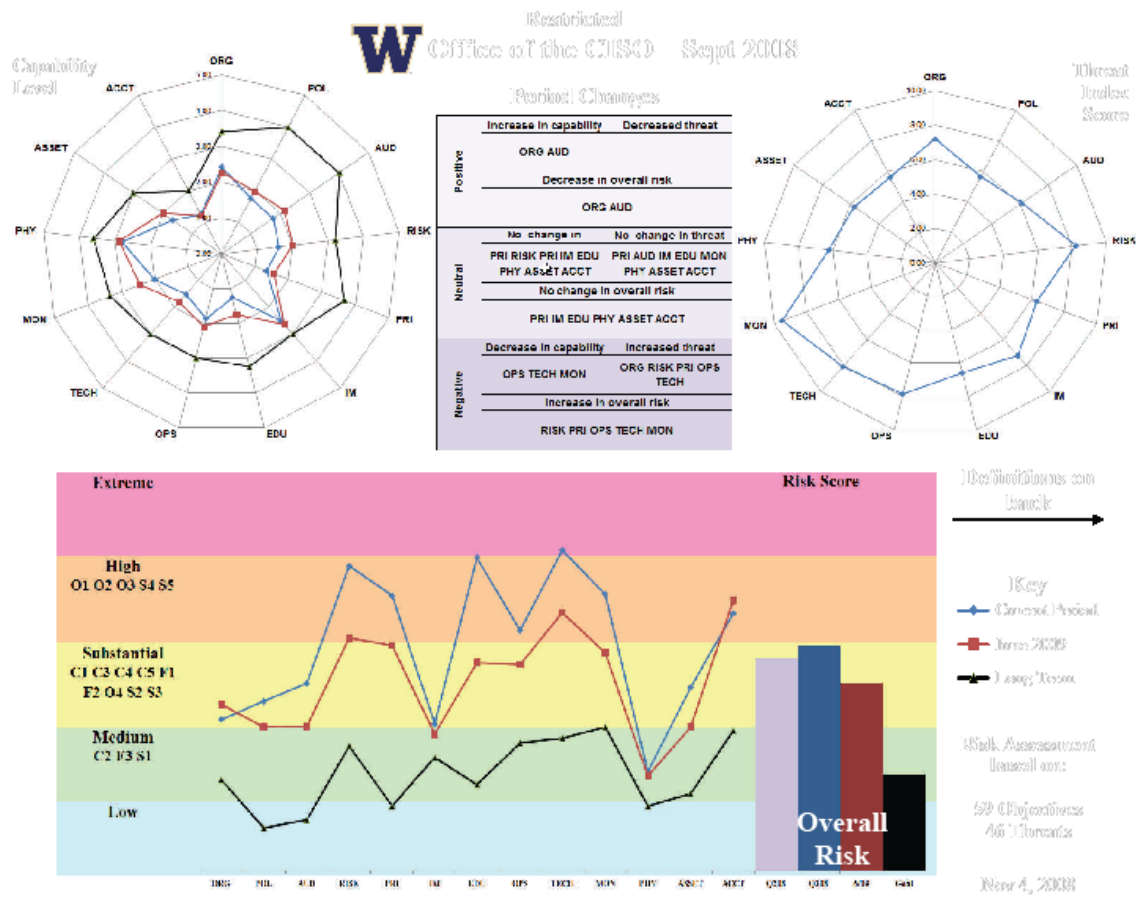
Each Strategic Security Element is evaluated quarterly for:

Capability Level: level of capability the organization has reached in developing its comprehensive security program for each security element. Capability level is five point scale.

Threat Index Score: Based on likelihood, impact and confidentiality-integrity-availability (CIA) relationship. Impact determined by damage caused to the asset or organization by vulnerability exploitation calculated by adding the likelihood score, impact score, and one point for each CIA relationship to the threat.

Risk Score: Represents overall risk in each element, calculated by formula: $\text{Threat Index Score} \div \text{Capability Level}$

Both Capability Level and Threat Index Score are plotted on the following “radar” diagrams, and Capability is assessed at the current level, what is expected to achieve this fiscal year with available resources, and the long term goal. The Risk Score for each Security Element is plotted on the following graph along with the ERM Risk Categories. The graph also shows the overall risk for the last and current reporting period, end of fiscal year, and long term goal.



Security Framework Categories

ORG	Organization & Authority
POL	Policy
AUD	Audit & Compliance
RISK	Risk Management & Intelligence
PRI	Privacy
IM	Incident Management
EDU	Education & Awareness
OPS	Operational Management
TECH	Technical Security & Access Control
MON	Monitoring, Measurement, & Reporting
PHY	Physical & Environmental Security
ASSET	Asset Identification & Classification
ACCT	Account Management & Outsourcing

ERM Risk Statements

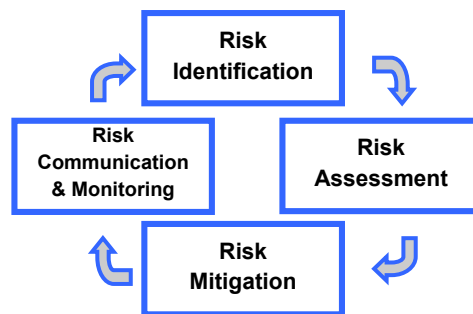
C1	Failure to meet diverse, contradictory, or unmanageable compliance requirements
C2	Sanctions and limits on business
C3	Reputation loss or competitive disadvantage due to failures related to voluntary or obligatory compliance
C4	Loss of merchant accounts
C5	Criminal liabilities
F1	Regulatory sanctions, fines, judgments, and settlements
F2	UW failures created financial loss
F3	Vendor or business partner failures create financial loss
O1	Loss, disruption or unauthorized use of computing resources
O2	Loss, degradation or unauthorized access of network/telecommunication resources
O3	Destruction, corruption, loss, or theft of information
O4	Theft, destruction, or unauthorized access to facilities or assets
S1	Unnecessary financial costs
S2	Unable to correct high risk incidents or behavior upon notice
S3	Loss of competitive advantage
S4	Missed legal and regulatory interests
S5	Missed business opportunities

vii. ERM Self-Assessment Toolkit

The first year of UW's enterprise risk management (ERM) program developed and refined a number of processes and tools used in conducting comprehensive risk assessments. As we gained experience with more and diverse evaluation teams, it became clear that with some guidance, the ERM process could be used by individuals and departments to conduct their own risk assessments.

Andrew Faris, ERM Analyst, pulled together these materials and created a four-step self-assessment manual based on a standard risk management process.


Risk Management Process



The toolkit starts by asking users to think about the ERM development model, and understand the levels of outcomes, activities, risk and control optimization that are possible. Users are encouraged to begin with a “Basic” assessment that will increase risk awareness and education among those who participate. Examples from prior comprehensive assessments are provided to illustrate how each of the steps can be done.

Step 1 – Risk Identification: Think about risks in the areas of Compliance, Financial, Operational, and Strategic. Risk identification means writing risk statements that are specific as to the nature of potential loss of harm, and that focus on root causes.

Step 2 – Risk Assessment: Users choose the level of assessment they wish to conduct, based on the types of qualitative and quantitative information and analysis, and the level of expertise they have available to participate. UW's standard scales for rating likelihood and impact of each risk statement are used to convert each risk into a level from “extreme” to “low” and produce a prioritized list of department risks.

Highest Likelihood Highest Impact Lowest Likelihood Lowest Impact		Legend	Meaning
		Extreme	Significant capability loss and the achievement of objectives is unlikely
		High	Significantly degrades the achievement of objectives or capability
		Substantial	Will degrade the achievement of objectives or capability
		Medium	May degrade achievement of some objectives or capability
		Low	Little or no impact on the achievement of objectives or capability

Users need to document what controls—such as policies and procedures, education and training, oversight, monitoring and audits—are currently in place, since these form the basis for the risk ratings.

Step 3 – Risk Mitigation: Users think about their top risks from the assessment step, and in light of current controls, what options can be considered to mitigate (i.e. to prevent a loss from occurring) the top risks. Mitigation is a forward looking activity that typically addresses four classic risk management options: avoid, reduce, transfer, or assume the risks. This results in a mitigation plan to manage or reduce risk to an acceptable level, identifying who is responsible and how results will be communicated.

Step 4 – Risk Communication and Monitoring: A risk assessment will be of little value if it sits on a shelf and there is no follow up to the risks identified (unless all the assessed risks are “low” in which case the user may want to consider if they are **over-**controlling their risks). Communicating and monitoring ensures that risks, controls, and mitigation plans are transparent and relevant for the department. Depending on the risks assessed, actual progress on mitigation plans may become part of the organization’s performance measurement, management and reporting systems.

The ERM self-assessment toolkit is printed as a manual (copy available), and our goal is to share the self-assessment toolkit widely throughout the University, and with others in higher education. As users gain experience doing their own risk assessments, we look forward to sharing their results in future ERM reports.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Internal Lending Program Update

INFORMATION:

The material presented here offers background information on the Internal Lending Program Report that will be presented to the Board of Regents at the July 2009 meeting. The information in this backgrounder is intended to supplement the presentation to the Board.

Attachment

Internal Lending Program Backgrounder

Internal Lending Program Report (July 2009)

Backgrounder

- Internal Lending Program. The Internal Lending Program (ILP) was adopted in mid-2008 after receiving new legislative authority to issue local debt for any university purpose. The ILP makes internal loans to campus borrowers and manages repayment in accordance with financing agreements between the campus borrower and the institution. The University bundles those internal loans and borrows externally to secure the funds for those loans.
- Reporting. The Treasury Office reports annually to the Board on ILP activities over the prior year, including an overview of the University's external debt portfolio, the status of internal loans, and institutional debt capacity.
- Annual Bond Resolution. The annual ILP Report is accompanied (as a separate Board action item) by an annual bond resolution, which authorizes both the issuance of new debt during the upcoming year and the refunding of existing bonds for economic and portfolio restructuring purposes. The annual bond resolution is limited in the amount of debt that can be issued over the upcoming 12 months. This year's annual bond resolution also includes new authority for debt repayment for the Molecular Engineering Building project using building fee revenue.
- Accomplishments. Fiscal Year 2009 was an exceptionally difficult period in the credit markets, highlighted by the collapse of Lehman Brothers and serious dysfunction in certain short-term bond sectors. Amidst this turmoil, the University used its highly-rated credit in June to lock-in a subsidized market interest rate of 3.9 percent on a \$75 million long-term debt issue using the new Build America Bond program – the first use of the program in Washington state.

The University has also taken advantage of low interest rates on the short end of the yield curve through commercial paper borrowing, with rates averaging well under 1.0 percent. The Treasury Office is requesting Board approval (as a separate Board action item) of a self-liquidity platform to backstop the commercial paper program – with annual savings that could reach as much as \$2.5 million at today's rates for backup liquidity services.

- Loans and borrowings. In the prior fiscal year, the Board authorized \$293 million in internal loans to fund the J-Wing, PACCAR Hall, Accreditation Facilities, Student Housing, and Molecular Engineering Building projects. In a separate action, there are \$149 million in new internal loans for Student Life renovation projects before the Board for approval. Based on outstanding debt, approved loans, and loans up for approval in July, the University's total outstanding debt is expected to reach \$1.4 billion in 2014.
- Rate stabilization. The ILP offers a uniform internal lending rate to all campus borrowers. The internal lending rate includes a small reserve component for rate stabilization that will be used to subsidize the internal lending rate if increases in external borrowing rates put upward pressure on the internal rate.

The rate stabilization reserve has to be large enough to offset substantial increases in external borrowing rates – otherwise, the internal lending rate will have to be raised in order to preserve the solvency of the ILP. Because the ILP is relatively new, the rate stabilization account cannot currently offset any meaningful volatility in external borrowing rates. However, based on projected external borrowing over the next 24 months, the Treasury Office does not foresee the need to raise the internal rate at this time.

- Debt structure. The University's external debt portfolio is comprised primarily of amortizing fixed-rate debt issues. Two recent debt issues were non-amortizing ("bullet maturity") fixed-rate issues, which adds structural diversity to the debt portfolio at a relatively low cost. Given the ILP's internal payment structure, non-amortizing debt also enhances income cash flow, which has a positive effect on the accumulation of the rate stabilization reserve. With the Build America Bonds issued in June 2009, the choice of a non-amortizing debt structure was based on factors related to the taxable bond market.
- Credit rating and debt capacity. Over the past year, the Treasury Office worked closely with Moody's and Standard & Poor to maintain the University's Aa1 / AA+ credit ratings (one "notch" below the highest AAA rating). Among the 156 public universities ranked by Standard & Poor's in FY2008, the University of Washington was among the top 8 in credit rating, with only 3 public universities at the higher AAA level (Michigan, Virginia, and the University of Texas system).

The University's credit rating is a function of the amount of the institution's debt outstanding compared against its financial resources. The University is currently projected to have about \$2.1 billion of debt outstanding in 2018. Based on the current forecast of University financial

resources in 2018 and Moody's FY2007 medians for public universities, the University would maintain its Aa1 credit rating with the currently projected debt load in 2018. However, the Treasury Office estimates that if the debt load exceeded about \$3.0 billion in 2018, the University could be downgraded to Moody's lower Aa3 level. It is important to keep in mind that ratio analysis is just one component of the UW's credit rating. Other components include market position, pricing power, and revenue diversification.

- Forward calendar. The Treasury Office expects to issue a long-term bond of up to \$150 million later this year to discharge \$30 million in outstanding commercial paper, fund \$53.5 million in Molecular Engineering, Phase 1 expenditures, refund \$25 million in outstanding debt for the 4225 Roosevelt Clinic, and fund cash flows for previously approved projects. The final amount and timing of this bond will depend on market conditions and actual cash flows.

UNIVERSITY OF WASHINGTON

DEBT MANAGEMENT ANNUAL REPORT



BOARD OF REGENTS
FINANCE, AUDIT AND FACILITIES COMMITTEE
JULY 16, 2009

DISCUSSION OUTLINE

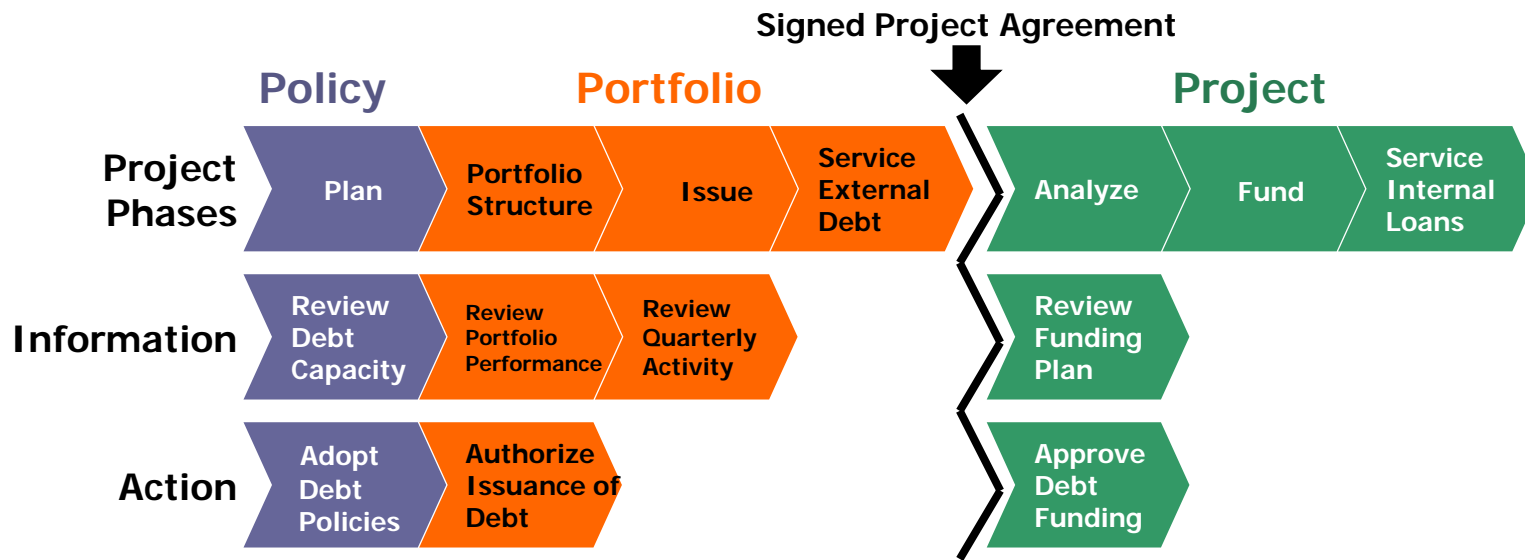
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DEBT MANAGEMENT OUTLOOK

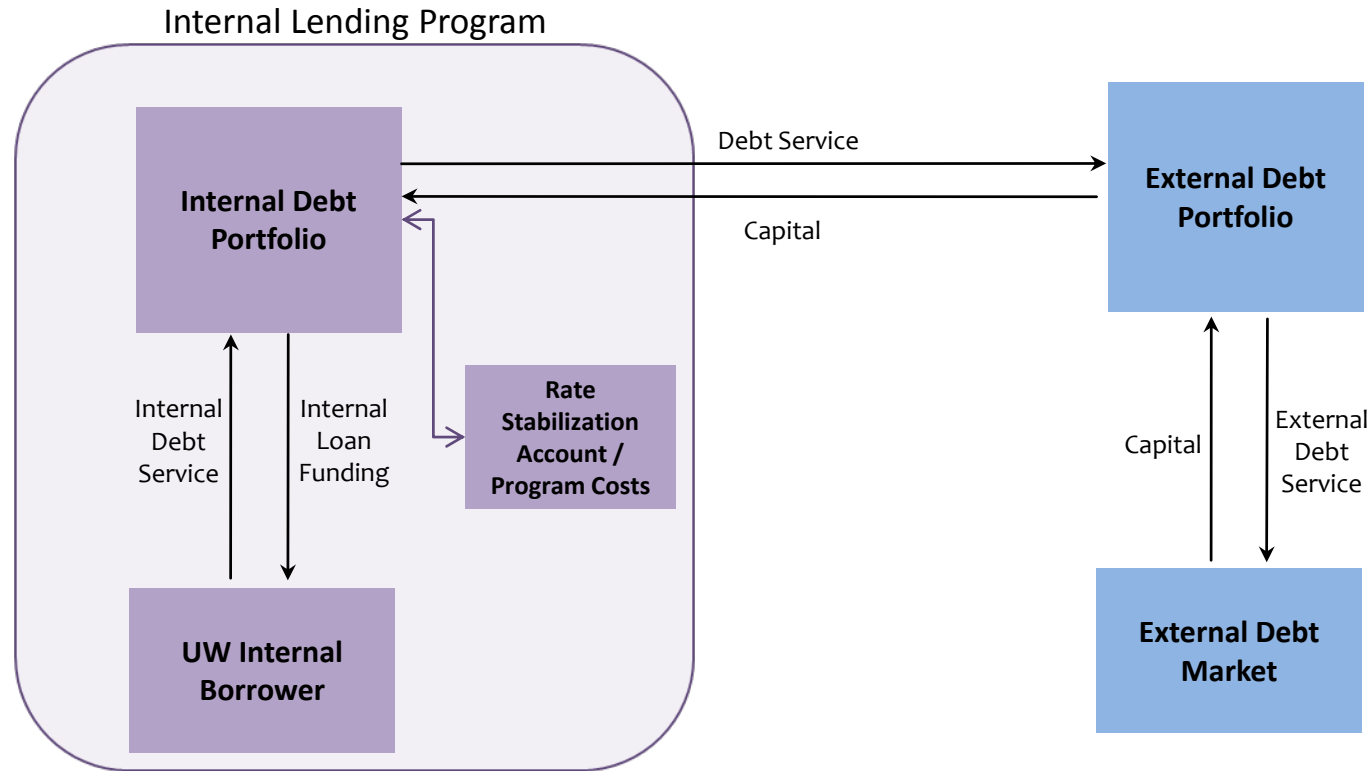
- The University has an aggressive capital plan – about \$1 billion over 10 years. At the same time, State funding is declining, growth in federal research dollars is uncertain, and overall revenues are slowing, thus making prioritization of capital projects critical.
- With likely continued uncertainty in credit markets over the next few years, forecasted borrowing will put pressure on the University's ability to maintain the institution's Aa1/AA+ credit rating, thus possibly leading to higher external borrowing costs.
- Notwithstanding future borrowing plans, the cost of debt is likely to be higher at some point given massive federal spending, thus challenging the University's ability to maintain the 5.5% internal lending rate.

REGENT ROLES

- Adopt debt management policy
- Establish University credit standards (“A” category rating or better)
- Oversee debt outstanding, credit ratings, and compliance with bond covenants and IRS regulations
- Adopt bond resolutions to allow for issuance of external debt
- Approve use of Internal Lending Program to fund capital projects



MISSION & STRUCTURE



- Ensure quality underwriting and monitor new and outstanding obligations
- Fund rate stabilization account to minimize increases in the internal lending rate

- Maintain cost effective access to the debt markets
- Seek opportunities to reduce long term institutional borrowing costs

ACCOMPLISHMENTS

Maintain Cost Effective Access to the Debt Markets

- Provided updates to rating agencies on UW financial position throughout credit crisis
- Reaffirmed overall Aa1/AA+ credit rating
- Received highest self liquidity rating

Ensure Quality Underwriting and Monitoring of New and Outstanding Obligations

- Implemented uniform audits for ICA, HFS, Parking, and Student Life
- Completed credit reviews for 8 new projects
- Reaffirmed credit analyses on previously approved projects

Seek Opportunities to Reduce Long Term Institutional Borrowing Costs

- Created debt management advisory team (including Deputy State Treasurer) to help evaluate market trends and develop a debt portfolio structure

Minimize Likelihood of Internal Lending Rate Increase

- Issued \$76M in Build America Bonds, reducing overall cost of ILP debt by 10 basis points

Improve Communications and Operations

- Improved internal stakeholder communication with Quarterly ILP Report and Monthly Liquidity Report
- Implemented comprehensive database, improving efficiency in debt management and accounting

GOALS

Maintain Cost Effective Access to the Debt Markets

- Implement commercial paper self liquidity program for \$2.5M in annual savings
- Continue proactive communications with rating agencies

Ensure Quality Underwriting and Monitoring of New and Outstanding Obligations

- Establish risk criteria for determining level of due diligence on new projects

Seek Opportunities to Reduce Long Term Institutional Borrowing Costs

- Implement long term strategy for debt portfolio structure
- Evaluate asset liability management strategies

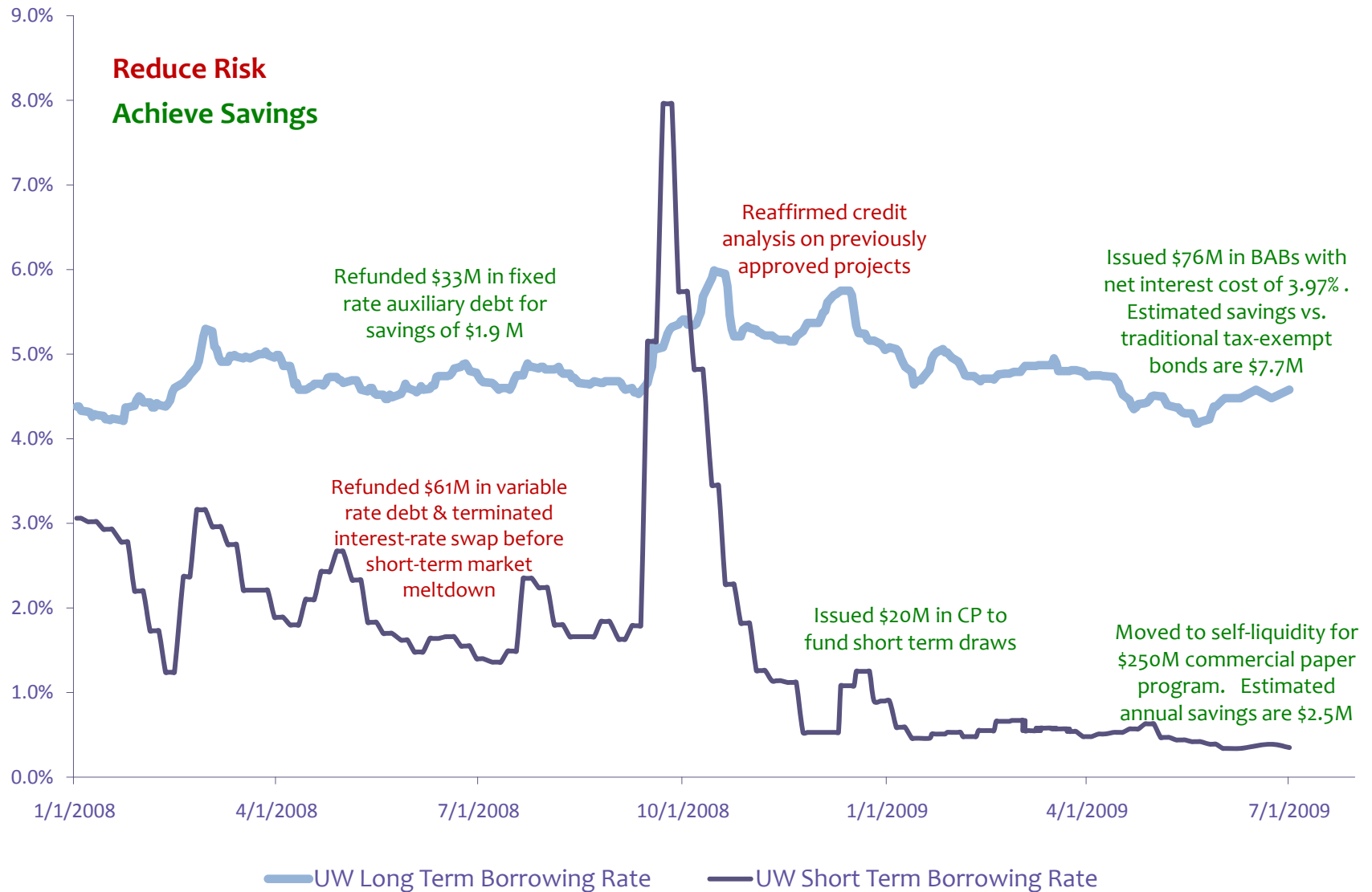
Minimize Likelihood of Internal Lending Rate Increase

- Establish rate stabilization guidelines
- Evaluate issuing additional Build America Bonds prior to end of 2010

Improve Communications and Operations

- Partner with Planning and Budgeting to develop a capital planning process
- Periodically track and report debt and other key financial ratios

MANAGING THE DEBT PORTFOLIO IN AN UNCERTAIN MARKET



EXTERNAL DEBT PORTFOLIO

Type of Debt	Issued FY09	Total Outstanding	Weighted Average Rate	Weighted Average Maturity (yrs)
Commercial Paper	\$30	\$30	0.4%	0.02
Variable Rate	0	0	n/a	n/a
Fixed Rate	76	621	4.6%	15.8
ILP Total	106	651	4.4%	15.1
Non-ILP Debt	0	376	5.1%	13.1
Total	\$106	\$1,027	4.7%	14.4

(Dollars in Millions)

Source: Preliminary ILP financials

ILP ASSETS

Cash

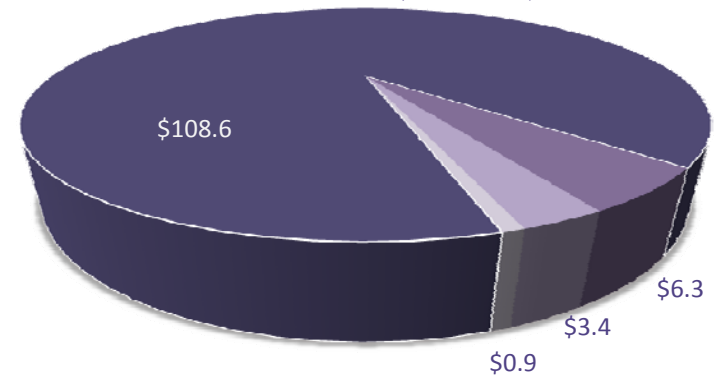
Beginning Balance July 2008	\$42.9
Internal Debt Service	57.3
External Debt Service	(50.2)
Net Debt Proceeds	70.3
Expenses	(1.1)
Ending Balance June 2009	119.2

Internal Loan Portfolio 575.8

Total Assets \$695.0

(Dollars in Millions)

Cash Balances (\$119.2M)



- Project Funds
- Future Debt Service
- Debt Service Reserves
- Rate Stabilization Reserve

INTERNAL RATE ASSESSMENT

The ILP rate will remain at 5.5% for the next 12 months

- External rates are lower than the ILP rate
- Recent \$76M issuance locked in a rate of 3.97%
- The first year of the ILP added \$900K to rate stabilization account (RSA)
 - Based on current cash flows and recent borrowing cost, the RSA will have \$2.2 MM by the end of FY 2010
 - The relatively small size of the RSA means that it cannot withstand much rate volatility

INTERNAL BORROWER PROFILE

Borrower	Current Outstanding	Additional Approved	Non-ILP Debt	Potential Exposure
Central	\$271.6	\$116.7	\$87.1	Additional budget cuts, decline in ICR reimbursements
School of Medicine	99.2	0	182.3	Decline in external support payments & ICR reimbursements
UWMC	76.4	156.0	18.8	Decline in patient revenues and state support
Student Life	44.1	150.0*	0	Student fee revenue less than forecast
Housing & Food Services	62.8	164.0	87.4	Freshman class size & market sensitivity to rate increases
Intercollegiate Athletics	5.1	0	0	Large capital plan with limited incremental revenue
Parking	16.6	2.6	0	Market sensitivity to rate increases
School of Business	0	30.0	0	Gift revenue less than forecast, lower enrollment levels in E-MBA program
School of Dentistry	0	12.0	0	Patient revenue less than forecast
Totals	\$575.8	\$631.3	\$375.6	

(Dollars in Millions)

*To be approved July 2009

EXTERNAL BORROWING (BASED ON JUST-IN-TIME FUNDING)

Approved Project Name	Estimated 2010 Construction Draws
UWMC Expansion, Phase 1	\$60.4
Molecular Engineering	53.5
AAALAC	28.9
PACCAR Business School	22.6
Housing	20.6
UW Tower Tenant Improvements	12.8
Pediatric Dentistry	9.8
Student Life Projects	4.6
4545 ESCO Project	3.8
J-Wing (Microbiology)	3.2
West Campus Garage Addition	2.8
Alumni Association Tenant Improvements	2.0
Less: 2009 General Revenue Bond Proceeds	(75.0)
Total	\$150.0

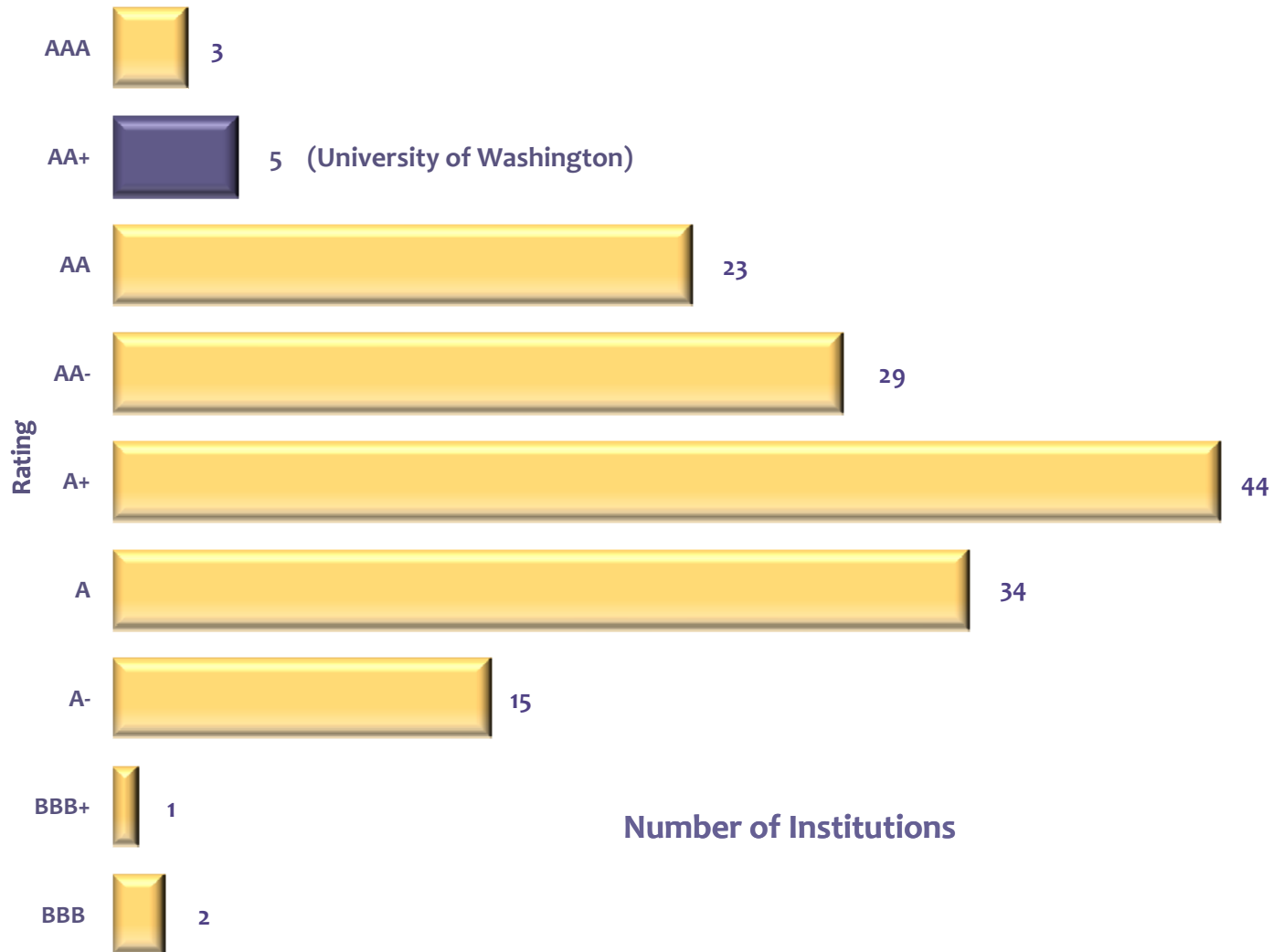
(Dollars in Millions)

FUTURE PROJECTS (IDENTIFIED, NOT YET APPROVED)

Future Project Name	Estimated Borrowing Amount through 2018
Student Housing, Phases 2-4	\$444
South Lake Union 3	167
UWMC Building Expansion, Phase 2	141
ICA Stadium Renovation	90
Research Building	45
Metro Tract	35
Sand Point Building 5	22
J-Wing, Phase 2	16
House of Knowledge Longhouse	14
AAALAC, Phase 2	10
Dentistry Research Lab	6
Total	\$990M

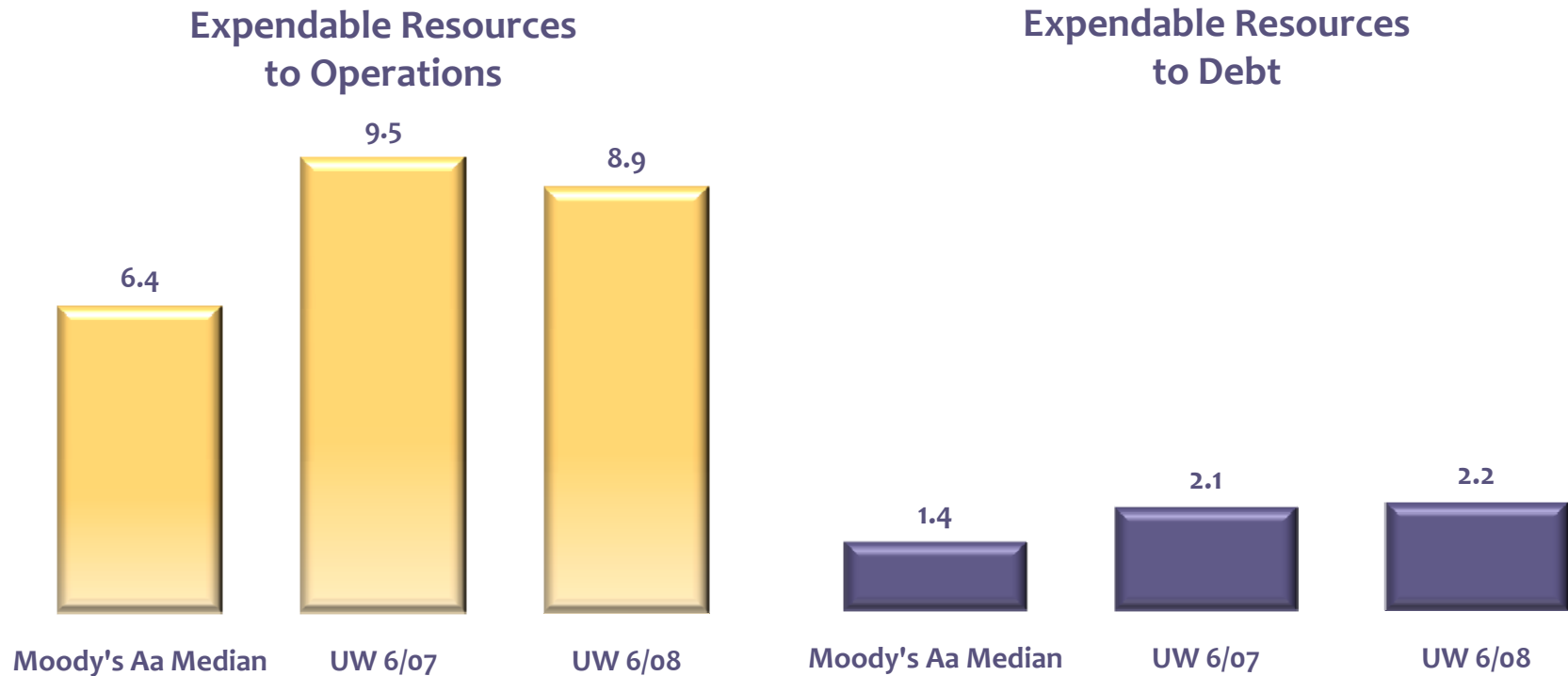
(Dollars in Millions)

THE UNIVERSITY'S CREDIT RATING



Source: S&P's Public University Rating Distribution June 2009

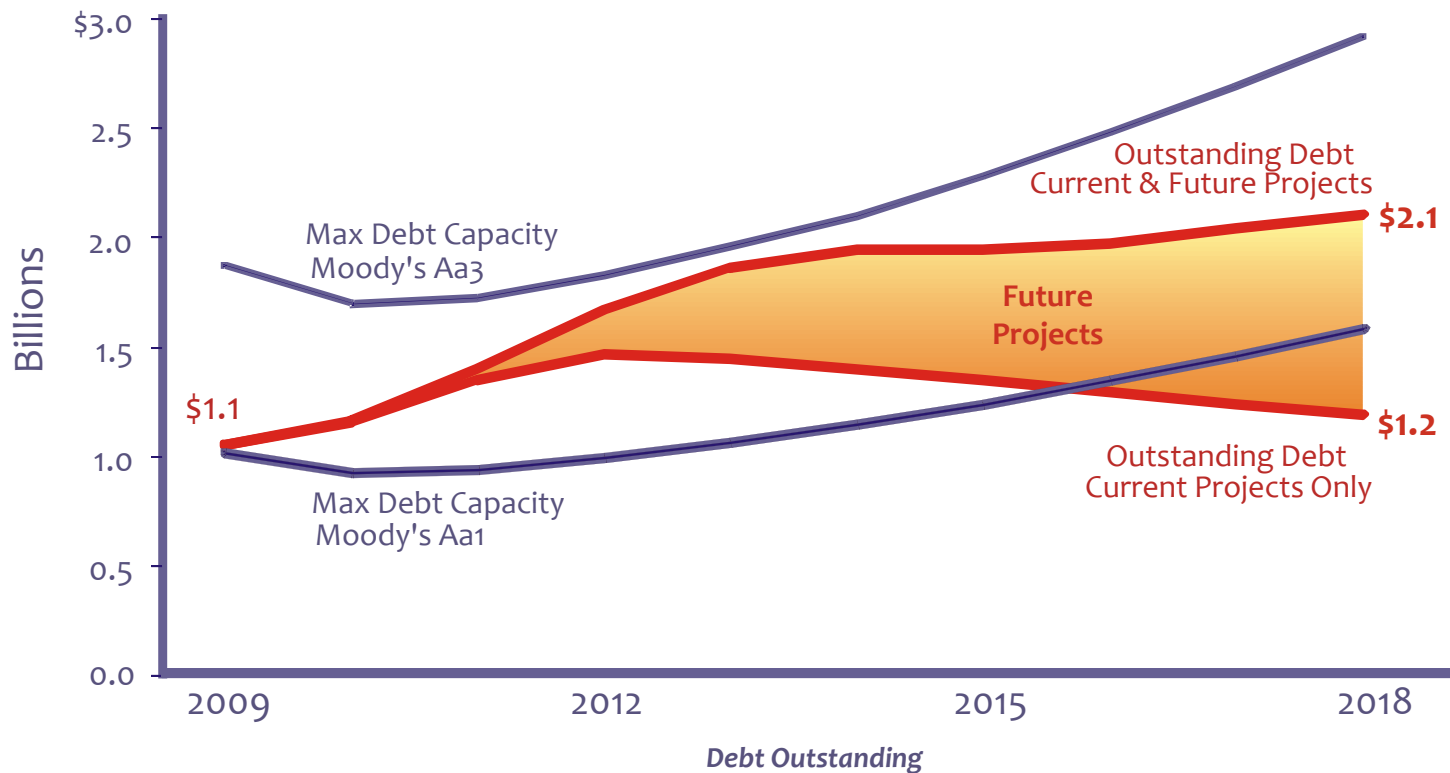
KEY FINANCIAL RATIO COMPARISON



UW has nearly 9 months of expendable resources on hand to fund operations.

UW 's debt ratio is well above the median.

UW DEBT CAPACITY



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Education	\$0.29	\$0.26	\$0.31	\$0.34	\$0.35	\$0.34	\$0.33	\$0.32	\$0.30	\$0.30
Research	0.36	0.36	0.36	0.37	0.40	0.43	0.43	0.43	0.45	0.45
Service	0.45	0.55	0.73	0.97	1.12	1.18	1.19	1.22	1.29	1.35
Total	\$1.10	\$1.17	\$1.40	\$1.68	\$1.87	\$1.95	\$1.95	\$1.97	\$2.04	\$2.10

(Dollars in Billions)

DEBT MANAGEMENT OUTLOOK

- The University has an aggressive capital plan – about \$1 billion over 10 years. At the same time, State funding is declining, growth in federal research dollars is uncertain, and overall revenues are slowing, thus making prioritization of capital projects critical.
- With likely continued uncertainty in credit markets over the next few years, forecasted borrowing will put pressure on the University's ability to maintain the institution's Aa1/AA+ credit rating, thus possibly leading to higher external borrowing costs.
- Notwithstanding future borrowing plans, the cost of debt is likely to be higher at some point given massive federal spending, thus challenging the University's ability to maintain the 5.5% internal lending rate.

VII. STANDING COMMITTEES**B. Finance, Audit & Facilities Committee****Adoption of an Amended Resolution Authorizing the Sale of General Revenue Notes (Commercial Paper)****RECOMMENDED ACTION:**

It is the recommendation of the administration and the Finance, Audit, and Facilities Committee that the Board of Regents:

1. Adopt the attached amended resolution authorizing the issuance of University of Washington General Revenue Notes (i.e. commercial paper) in an aggregate principal amount not to exceed \$250 million, including:
 - a. Use of University liquidity to insure repayment of the notes if they cannot be remarketed by the broker/dealer, and;
 - b. Addition of building fee revenues as a repayment source.

BACKGROUND:

The University established its commercial paper (CP) program in July 2006 with maximum principal amount of \$250 million. The source of repayment for the CP is University general revenues. This amended resolution adds building fee revenues as an additional source of repayment for the CP. This change is needed because recent state legislation allowed debt to be repaid with building fee revenue.

In the event the CP cannot be remarketed, the University has to transfer funds to pay the amount due within 2-3 hours of receiving notice. The University may provide the principal due from its own resources or by engaging a standby liquidity facility, such as a bank or insurance company. The standby liquidity facility would step in and provide funds on a same-day basis in the case of a failed remarketing.

KBC Bank was engaged as the standby liquidity facility for the full amount of the UW program in September 2006. The University has paid KBC Bank \$200,000 per year for this facility. Additionally, in case of a failed remarketing, the University would pay daily interest to KBC until the CP was remarketed.

The University has never had a failed remarketing for its CP. The amended resolution would allow the University to use its own funds in case of a failed remarketing.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Adoption of an Amended Resolution Authorizing the Sale of General Revenue Notes (Commercial Paper)

Standard & Poor's and Moody's rating agencies affirmed the highest short-term ratings for University liquidity in June 2009. In addition, the University's long term ratings were reaffirmed at AA+ (Standard & Poor's) and Aa1 (Moody's).

RATIONALE:

The University's contract with KBC will expire in September 2009. Recently, bank fees have increased ten-fold. Associated borrowing rates have also increased significantly. By using self-liquidity, the University will save over \$2.5 million annually in bank liquidity fees.

REVIEW AND APPROVALS:

The amendment of the commercial paper program and associated commercial paper resolution have been reviewed and approved by the Senior Vice President, Vice Provost for Budgeting and Planning, and the Treasurer of the Board of Regents.

Attachment

2009 Amended General Revenue Notes Resolution

RESOLUTION OF THE BOARD OF REGENTS

A RESOLUTION of the Board of Regents of the University of Washington, amending and restating its resolution adopted July 20, 2006; authorizing the sale of General Revenue Notes (Commercial Paper), in tax-exempt and taxable series from time to time in an aggregate principal amount not to exceed \$250,000,000, payable from general revenues of the University, for University purposes, and delegating authority to the President and Executive Vice President or designees thereof to arrange for the sale and delivery of the notes, to determine their final terms, to appoint one or more dealers and issuing, authenticating and paying agents and to arrange for credit enhancement, if any, to support the repayment of the notes.

Prepared by:

K&L PRESTON GATES & ELLIS LLP
Seattle, Washington

Adopted: July ~~20, 2006~~ 16, 2009

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RESOLUTION

A RESOLUTION of the Board of Regents of the University of Washington, amending and restating its resolution adopted July 20, 2006; authorizing the sale of General Revenue Notes (Commercial Paper), in tax-exempt and taxable series from time to time in an aggregate principal amount not to exceed \$250,000,000, payable from general revenues of the University, for University purposes, and delegating authority to the President and Executive Vice President or designees thereof to arrange for the sale and delivery of the notes, to determine their final terms, to appoint one or more dealers and issuing, authenticating and paying agents and to arrange for credit enhancement, if any, to support the repayment of the notes.

WHEREAS, the ~~Board of Regents (the "Board") of the~~ University of Washington (the "University") ~~previously has issued its University of Washington General Revenue Bonds, 2004 (the "Outstanding General Revenue Bonds"), pursuant to a resolution of the Board of Regents adopted on July 16, 2004 (the "2004 Resolution"); and~~

~~WHEREAS, the 2004 Resolution permits the Board of Regents to authorize additional obligations payable from the University's General Revenues (as defined below) to finance the construction, installation, equipping, repair, renovation, alteration or betterment of University facilities as permitted under Chap. 28B.140 RCW or otherwise under State law; and~~

~~WHEREAS, the University~~ is authorized under state law to borrow for various purposes including, pursuant to chapter 28B.140 RCW, for research purposes and, pursuant to chapter 28B.142 RCW, for University purposes (together the "Bond Act"); and

~~WHEREAS, pursuant to RCW 28B.10.300 et seq. for certain auxiliary facilities, pursuant to RCW 28B.20.395 et seq. for the Metropolitan Tract, and, pursuant to RCW 28B.20.145 for any University purpose within a biennium 700-.740., as amended by Chapter 499, Wash. Laws 2009, and pursuant to Sec. 5029, Chapter 497, Wash. Laws 2009, the University is authorized to issue up to \$53,554,000 in building fee revenue obligations to pay costs of constructing a molecular engineering building, and is authorized to pledge its General Revenues, as defined herein, as an additional source of payment for such obligations; and~~

WHEREAS, the Board of Regents (the "Board") of the University previously has issued its University of Washington General Revenue Bonds, 2007 and its General Revenue Refunding Bonds, 2008 (together the "Outstanding General Revenue Bonds"), pursuant to resolutions of the Board of Regents adopted on July 19, 2007 and February 21, 2008, respectively (together the "General Revenue Bond Resolutions"); and

WHEREAS, the General Revenue Bond Resolutions permit the Board of Regents to authorize the issuance of obligations payable from the University's General Revenues (as

defined below) for University purposes as permitted by the Bond Act or otherwise under State law or to refund or advance refund bonds; and

WHEREAS, the University has previously determined to establish a commercial paper program payable from the University's General Revenues to provide financing and refinancing for University purposes; and authorized the issuance and sale of its General Revenue Notes (Commercial Paper) ("Notes") in an aggregate principal amount not to exceed \$250 million, pursuant to a Resolution of the Board adopted on July 20, 2006 (the "Prior Commercial Paper Resolution"); and

WHEREAS, by its terms the Prior Commercial Paper Resolution may be amended or supplemented from time to time, without the consent of the registered owners of the Notes by a Supplemental Resolution adopted by the Board for any purpose, if such amendment becomes effective only on a date on which all Notes are scheduled to mature; and

WHEREAS, this Resolution shall be a Supplemental Resolution for the purposes of amending and restating the Prior Commercial Paper Resolution, to update technical provisions regarding the issuance and sale of the Notes, and to provide for University liquidity to support the marketing of the Notes; and

WHEREAS, this Resolution shall be effective on the next date on which all Notes are scheduled to mature;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF WASHINGTON, WASHINGTON, as follows:

ARTICLE I. DEFINITIONS; INTERPRETATION

Section 1.01. Definitions. Unless the context otherwise requires, the following terms shall have the following meanings:

Additional Bonds means one or more series of additional obligations of the University payable from General Revenues.

Aggregate Interest Coverage means, with respect to any Notes payable from Drawings under a Credit Facility, as of any date, the aggregate amount of Interest Coverage determined with respect to all Notes payable from Drawings under that Credit Facility, including Notes then proposed to be issued as additional Notes payable from Drawings under that Credit Facility, including all Interest Periods then in effect.

Authorized Denominations means \$100,000 and any integral multiple of \$1,000 in excess thereof.

Authorized University Representative means the President of the University, ~~the Executive Vice President of the University~~ or the designee(s) of the President ~~or Executive Vice~~

~~President~~ for the purposes of one or more duties of the Authorized University Representative under this resolution.

Beneficial Owner means the beneficial owner of all or a portion of a Note while the Note is in fully immobilized form.

~~**Biennium** means each two year period constituting a State fiscal biennium.~~

~~**Biennium Note Act** means RCW 28B.20.145, as may be amended, and any successor statute.~~

Board means the Board of Regents of the University, which exists and functions pursuant to chapter 28B.20 RCW, as amended from time to time.

Bond Act means, together, chapter 28B.140 RCW and chapter 28B.142, in each case as amended from time to time.

Bond Counsel means a firm of lawyers nationally recognized and accepted as bond counsel and so employed by the University for any purpose under this resolution applicable to the use of that term.

Building Fee Revenue Bond Act means RCW 28B.20.700-.740, as amended by Chapter 499 Wash. Laws 2009, and as further amended from time to time.

Building Fee Revenue Bond Project means the design and construction of, improvements to and equipping of a molecular engineering building identified in Section 5029, Chapter 497, Wash. Laws 2009, permitted by the Building Fee Revenue Bond Act.

Building Fee Revenue Notes means bonds, including a portion of the Notes, issued pursuant to the Building Fee Revenue Bond Act to pay costs of the Building Fee Revenue Bond Project.

Building Fees means building fees defined in RCW 28B.15.025, as amended from time to time, and imposed for the purposes set forth in RCW 28B.15.210, as amended from time to time.

Business Day, with respect to any Note, means a day (a) on which banks in Washington or New York or the city in which demands for payment are to be presented under any Credit Facility are not closed and (b) on which the New York Stock Exchange is not closed.

Capital Fund – Tax-Exempt means the account by that name maintained by the University or in the office of the Treasurer of the University for the purpose of holding certain proceeds of the Series A Notes ~~and Series C Notes~~.

Code means the Internal Revenue Code of 1986, as amended, together with corresponding and applicable final, temporary or proposed regulations or revenue rulings issued

or amended with respect thereto by the U.S. Treasury Department or the Internal Revenue Service, to the extent applicable to the Notes.

Credit Agreement means any written agreement entered into between the University and a Credit Facility Issuer, in connection with the provision of a Credit Facility and any and all modifications, alterations, and amendments and supplements thereto.

Credit Facility or Facilities, if any, means one or more policies of municipal bond insurance, letters of credit, lines of credit, guarantees or other financial instruments or any combination of the foregoing, which obligates a third party to make payment or provide funds for the payment of financial obligations of the University, including but not limited to payment of the scheduled principal of and interest on one or more Notes. A **Credit Facility** may, but is not required to, provide only liquidity support rather than liquidity and credit support. There may be one or more Credit Facilities outstanding at any time providing for the payment of the principal of and interest on Notes, or there may be no Credit Facilities outstanding at any time. The term **Credit Facility** is not intended to include the “Unutilized Commitment” (as such term may be defined in a Credit Agreement).

Credit Facility Issuer, if any, means the issuer or provider of a Credit Facility, which may be a financial institution or municipal bond insurance company. There may be more than one Credit Facility Issuer with respect to the Notes, or there may be no Credit Facility Issuer with respect to the Notes.

Credit Facility Repayment Account means the account of that name created pursuant to Section 3.07 of this resolution.

Dealer means one or more dealers for Notes appointed by the Authorized University Representative pursuant to Section 5.01.

Dealer Agreement means a written agreement between the University and a Dealer for the services of the Dealer with respect to the Notes.

Drawing means a request for funds as specified in a Credit Facility (other than a municipal bond insurance policy).

DTC means The Depository Trust Company, New York, New York, as depository for the Notes or any successor or substitute Securities Depository for such Notes.

Electronic Means mean any electronic means of communication that produces a written record.

Favorable Opinion of Bond Counsel means, with respect to any action, a written legal opinion of Bond Counsel, to the effect that such action is permitted under the laws of the State and this resolution and will not impair the exclusion of interest on a Series A Note ~~or Series C Note~~ from gross income for federal income tax purposes (subject to the inclusion of any

exceptions contained in the opinion delivered upon original issuance of such Series A Note ~~or Series C Note~~).

Fiscal Agency Agreement means the agreement of that name between the State and a bank or trust company, as fiscal agent, entered into pursuant to chapter 43.80 RCW and any amendments and supplements thereto and replacements thereof.

Fitch means Fitch, Inc., organized and existing under the laws of the State of Delaware, its successors and their assigns, and, if such organization shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, **Fitch** shall be deemed to refer to any other nationally recognized securities rating agency (other than S&P or Moody's) designated by the Authorized University Representative with prior notice to the Credit Facility Issuer.

General Revenue Note Fund means the University of Washington General Revenue Note Fund (Commercial Paper), created in the office of the Treasurer of the University by authority granted in Section 4.01 of this resolution.

General Revenues means all nonappropriated income, revenues, and receipts of the University if and to the extent such funds are not restricted in their use by law, regulation, or contract. For example, the following items are restricted and, therefore, excluded:

(a) Appropriations to the University by the State from the State's General Fund;

(b) Each fund the purpose of which has been restricted in writing by the terms of the gift or grant under which such fund has been donated, or by the donor thereof;

(c) Fees imposed upon students as a condition of enrollment at the University, including but not limited to services and activities fees, building fees, and technology fees;

(d) Revenues and receipts attributable to ~~auxiliary systems established under RCW 28B.10.300; and~~

~~(e) —~~ Metro Tract Revenue.

Unrestricted fund balances, to the extent that they were accumulated from money that was received as **General Revenues**, also would be includable and available to pay obligations secured by **General Revenues**. Upon the removal of any income, revenues, or receipts from General Revenues pursuant to Section 13(d), this definition of General Revenues shall be deemed to be amended accordingly without further action by the University

Government Obligations has the meaning given to such term in chapter 39.53 RCW, as amended.

Governmental Projects means those capital projects of the University that may be financed with tax-exempt governmental (not private activity) obligations including without limitation the Building Fee Revenue Bond Project.

Instruction has the meaning given such term in Section 3.01

Interest Coverage means with respect to each Note that is payable from Drawings under a Credit Facility, a dollar amount determined in accordance with the following formula:

$$((R \times P) \div 365) \times (D + 15)$$

R = Interest Rate, applicable to such Note

P = Principal amount of Note bearing interest at such Interest Rate

D = Duration (in days) of the Interest Period applicable to such Note

Interest Payment Date means for each Note, the maturity date of such Note or, with respect to a Reimbursement Obligations, the dates specified therefor in the applicable Credit Agreement.

Interest Period means the period of time beginning on and including the date of issuance to but excluding the maturity date for each Note, which period shall be a period of at least one day but not more than 269 days, established pursuant to Section 2.02(b) and 2.08.

Interest Portion means the dollar amount available through Drawings under a Credit Facility then in effect to pay interest on the Notes.

Interest Rate means the per annum interest rate for each Note determined pursuant to Section 2.08.

Issue Date, with respect to the Notes, means the first date the aggregate principal amount of Notes issued and Outstanding equals or exceeds \$100,000.

Issuing and Paying Agent means one or more issuing and paying agent for the Notes appointed by the Authorized University Representative.

Issuing and Paying Agent Agreement means a written agreement between the University and a Issuing and Paying Agent for the services of the Issuing and Paying Agent with respect to the Notes.

Letter of Representations means the Blanket Issuer Letter of Representations between DTC and the University.

Limit, with respect to a Credit Facility, means the dollar amount available through Drawings under a Credit Facility then in effect to pay principal on the Notes.

Master Note means each Note delivered to DTC to evidence one or more Series or portions of Series.

Metro Tract means the "university tract" as defined in RCW 28B.20.381 to include the tract of land in the city of Seattle, consisting of approximately ten acres, originally known as the "old university grounds," as amended to the date of this resolution, and more recently referred to as the "metropolitan tract," together with all buildings, improvements, facilities, and appurtenances thereon.

Metro Tract Revenue means all revenues of the University derived from operating, managing, and leasing the Metro Tract.

Moody's means Moody's Investors Service, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and its successors and assigns, except that if such corporation shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, then the term **Moody's** shall be deemed to refer to any other nationally recognized securities rating agency (other than Fitch or S&P) selected by the Authorized University Representative with prior notice to the Credit Facility Issuer.

Net Revenue means, with respect to any item or auxiliary revenues proposed to be added to General Revenues, revenues of such item or auxiliary less operating expenses. If the item or auxiliary revenues have previously been pledged to pay debt service on outstanding obligations of the University, the terms revenues and operating expenses shall be determined in accordance with the resolution(s) authorizing the outstanding indebtedness.

Note Payment Account has the meaning given such term in Section 3.05.

Note Register means the records maintained on behalf of the University containing the name and mailing address of each owner of the Notes or the nominee of such owner, and such other information as the Registrar shall determine.

Notes means the general revenue obligations identified herein as the Series A Notes, ~~Series B Notes~~, ~~Series C Notes~~ and Series ~~DB~~ Notes. When used in this resolution, the term **Note** is not intended to mean or include a Reimbursement Obligation.

Notice Parties means the University, each Dealer, the Registrar and each Credit Facility Issuer.

Outstanding, when used as of a particular time with reference to Notes delivered under authority of this resolution, means all Notes delivered under authority of this resolution, except:

- (a) Notes canceled by the Registrar or surrendered to the Registrar for cancellation;
- (b) Notes paid or deemed to have been paid within the meaning of this resolution; and

- (c) Notes in lieu of or in substitution for which replacement Notes shall have been executed by the University and delivered by the Registrar hereunder.

A Reimbursement Obligation shall be deemed to remain Outstanding until the Credit Facility Issuer is paid all amounts due on such Reimbursement Obligation and the Credit Facility has expired or been terminated.

Participant means (a) any person for which, from time to time, DTC effectuates book-entry transfers and pledges of securities pursuant to the book-entry system referred to in Section 2.05 hereof or (b) any securities broker or dealer, bank, trust company or other person that clears through or maintains a custodial relationship with a person referred to in (a).

Person means an individual, a corporation, a limited liability company, a partnership, an association, a joint stock company, a trust, an unincorporated organization, a governmental body or a political subdivision, a municipal corporation, a public corporation or any other group or organization of individuals.

Rate Determination Date means the date on which the interest rate and maturity date for a Note (other than a Reimbursement Obligation) shall be determined.

Rating Agency means a securities rating agency defined herein as Fitch, Moody's or S&P.

Record Date means the close of business as of the day (whether or not a Business Day) next preceding each Interest Payment Date.

Registered Owner means the person named as the registered owner of a Note on the Note Register. For so long as a Securities Depository or its nominee holds the Notes, such Securities Depository shall be deemed to be the Registered Owner.

Registered Owners' Trustee means the bank or financial institution selected by the Registered Owners of the Notes pursuant to Section 4.09 hereof.

Registrar means the fiscal agent under the Fiscal Agency Agreement or any other or additional financial institution appointed as Registrar by the Authorized University Representative pursuant to Section 5.01 and each successor thereto for the purposes of (a) registering and authenticating the Notes, (b) maintaining the Note Register, (c) paying interest on and principal of the Notes and (d) utilizing any Credit Facility for the purpose of paying the interest on and principal of any Notes.

Reimbursement Obligation means a note delivered to a Credit Facility Issuer pursuant to Section 4.01(d) hereof and the Credit Agreement.

Request has the meaning given such term in Section 3.01.

Securities Depository means any “clearing agency” registered under Section 17A of the Securities Exchange Act of 1934, as amended.

Series shall refer, as the context may require, to all Notes issued under the designation Series A, ~~Series B, Series C~~ or Series ~~D~~ **B** or may refer to any separately identified set of Notes within any such Series.

Series A Notes means the University of Washington General Revenue Notes ~~—Short Program—~~(Tax-Exempt Commercial Paper), Series A authorized by Section 2.02 of this resolution.

Series B Notes means the University of Washington General Revenue Notes ~~—Short Program—~~(Taxable Commercial Paper), Series B authorized by Section 2.02 of this resolution.

~~—Series C Notes means the University of Washington General Revenue Notes—Extended Program (Tax Exempt Commercial Paper), Series C authorized by Section 2.02 of this resolution.~~

~~—Series D Notes means the University of Washington General Revenue Notes—Extended Program (Taxable Commercial Paper), Series D authorized by Section 2.02 of this resolution.~~

S&P means Standard & Poor’s Ratings Services, a Division of The McGraw-Hill Companies, and its successors and assigns, except that if such corporation or division shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, then the term **S&P** shall be deemed to refer to any other nationally recognized securities rating agency (other than Moody’s or Fitch) selected by the Authorized University Representative with prior notice to the Credit Facility Issuer.

Sum means, with respect to Notes payable from Drawings under a particular Credit Facility the aggregate principal amount of those Notes plus the balance then outstanding under the Reimbursement Obligation relating to that Credit Facility.

State means the State of Washington.

University means the University of Washington, a higher educational institution of the State, the main campus of which is located in Seattle, Washington.

University of Washington building account means the fund of that name into which certain Building Fees are to be deposited pursuant to RCW 28B.15.210, as amended from time to time.

University of Washington bond retirement fund means the special fund of that name created by chapter 254, Laws of 1957.

Section 1.02. Interpretation. In this resolution, unless the context otherwise requires:

(a) The terms “hereby,” “hereof,” “hereto,” “herein,” “hereunder” and any similar terms, as used in this resolution, refer to this resolution as a whole and not to any particular article, section, subdivision or clause hereof, and the term “hereafter” shall mean after, and the term “heretofore” shall mean before, the date of this resolution;

(b) Words of the masculine gender shall mean and include correlative words of the feminine and neuter genders and words importing the singular number shall mean and include the plural number and vice versa;

(c) Words importing persons shall include firms, associations, partnerships (including limited partnerships), trusts, corporations and other legal entities, including public bodies, as well as natural persons;

(d) Any headings preceding the text of the several articles and sections of this resolution, and any table of contents or marginal notes appended to copies hereof, shall be solely for convenience of reference and shall not constitute a part of this resolution, nor shall they affect its meaning, construction or effect;

(e) All references herein to “articles,” “sections” and other subdivisions or clauses are to the corresponding articles, sections, subdivisions or clauses hereof.

(f) Whenever any consent or direction is required to be given by the University, such consent or direction shall be deemed given when given by the Authorized University Representative or his or her designee, respectively, and all references herein to the Authorized University Representative shall be deemed to include references to his or her designee, as the case may be.

ARTICLE II. ISSUANCE, CONDITIONS AND TERMS OF NOTES

Section 2.01. Plan of Finance.

(a) *Series A Notes* ~~and Series C Notes~~. The University intends to undertake certain capital projects of the University including the construction, installation, equipping, repair, renovation, alteration or betterment of University facilities. The University may ~~at its option~~ use the Series A Note ~~or Series C Note~~ proceeds for any capital purpose, including refunding Outstanding Series A Notes ~~or Series C Notes~~, so long as such use shall not cause any Series A Note ~~or Series C Note~~ to be considered a “private activity bond.” The costs of Governmental Projects are expected to be paid or reimbursed in whole or in part with the proceeds of the Series A Notes ~~and Series C Notes~~.

(b) *Series B Notes* ~~and Series D Notes~~. The proceeds of the Series B Notes ~~and Series D Notes~~ may be used for any lawful expenditure of the University, including refunding other Notes.

Section 2.02. Authorization of Notes; Terms.

(a) *Authorization.* For the purpose of providing all or a part of the funds necessary to finance or refinance for the University's purposes, to ~~refund~~ pay maturing Notes and to pay costs of issuance, the University is hereby authorized to borrow and reborrow from time to time, and to issue general revenue obligations (herein collectively referred to as the "Notes") in one or more Series to evidence such borrowing or reborrowing. This resolution constitutes the master legal document pursuant to which the Notes may be issued.

The aggregate principal amount of Notes Outstanding under this resolution at any time or from time to time shall not exceed \$250,000,000 less the outstanding balance, if any, on any Reimbursement Obligation (subject to the further limitations of Section 3.04).

The tax-exempt Notes shall be designated "University of Washington, General Revenue Notes ~~—Short Program~~ (Tax-Exempt Commercial Paper), Series A" ~~and "University of Washington, General Revenue Notes —Extended Program (Tax-Exempt Commercial Paper), Series C"~~. The taxable Notes shall be designated "University of Washington, General Revenue Notes ~~—Short Program~~ (Taxable Commercial Paper), Series B" ~~and "University of Washington, General Revenue Notes —Extended Program (Taxable Commercial Paper), Series D"~~. Each Note issued for the purpose of financing or refinancing a Governmental Project shall be designated "Series A" ~~or "Series C"~~ and shall include additional designations to distinguish among Credit Facilities, and any additional designations as shall be approved or requested by the Registrar from time to time (e.g., numerical designations identifying Notes payable from drawings under a particular Credit Facility). Each Note issued for the purpose of financing or refinancing University purposes other than Governmental Projects shall be designated "Series B" ~~or "Series D"~~ and shall include additional designations to distinguish among Credit Facilities, and any additional designations as shall be approved by the Registrar from time to time (e.g., numerical designations identifying Notes payable from drawings under a particular Credit Facility).

(b) *Issuance; Interest; Dating.* The Notes of each Series shall be issued in fully registered form, shall be issued in Authorized Denominations within a Series, shall be numbered separately in the manner and with any additional designations as the Registrar deems necessary for purposes of identification including the designations identified in subsection (a), shall be dated the date of their issuance and shall bear interest payable at maturity, determined from time to time as provided herein.

The Notes shall be issued at such times, be sold to such purchasers at such prices, bear interest (calculated on the basis of a year of actual (365/366) days, as appropriate), mature on such Business Days and otherwise have such terms and conditions as shall be determined by the Authorized University Representative in concert with the Dealer in accordance with the applicable Dealer Agreement; provided, however, that the maturity of each Note shall comply with all of the following requirements:

(1) No Note shall be issued with a maturity date later than 270 days from its date of issuance of the Instruction by the Registrar to DTC;

(2) Each maturity date shall be a Business Day;

(3) If a Note is payable from Drawings under a Credit Facility, such Note must have a maturity date at least one business day prior to the stated expiration date of the Credit Facility then in effect and securing payment of such Note; and

(4) No Note may be issued under this resolution having a maturity later than June 30, 2036; ~~provided, however, all Notes issued under authority of the Biennium Note Act shall be issued as Series A Notes or Series B Notes and shall mature and be payable from University funds received from sources other than refunding no later than the end of the Biennium in which they were issued. Within a Biennium, Series A Notes and Series B Notes may be payable from the proceeds of refunding Series A Notes and Series B Notes, respectively~~2039.

No Note shall be sold at a price other than par. The principal amount of any Outstanding Notes that are paid on their maturity date from the proceeds of other Notes issued on such date shall not be considered Outstanding.

Section 2.03. Execution. The Notes for each Series shall be executed by the manual or facsimile signatures of the President and Secretary or Treasurer of the Board of Regents, and the official seal of the University shall be reproduced thereon. The validity of any Note so executed shall not be affected by the fact that one or more of the officers whose signatures appear on such Note have ceased to hold office at the time of issuance or authentication or at any time thereafter.

Section 2.04. Authentication. No Notes shall be valid for any purpose hereunder until the certificate of authentication printed thereon is duly executed by the manual signature of an authorized signatory of the Registrar. Such authentication shall be proof that the Registered Owner is entitled to the benefit of the trusts hereby created.

Section 2.05. Registration. The provisions of this Section 2.05 shall not be applicable to the Reimbursement Obligation.

(a) *Registrar/Note Register*. The Notes shall be issued only in registered form as to both principal and interest. The Authorized University Representative shall appoint one or more Registrars for the Notes pursuant to the authority provided in Section 5.01. The University shall cause the Note Register to be maintained by each Registrar. A Registrar may be removed at any time at the option of the Treasurer of the University upon prior notice to the Registrar, the University, each Dealer and each Credit Facility Issuer and a successor Registrar appointed by the Treasurer of the University. No resignation or removal of a Registrar shall be effective until a successor shall have been appointed and until a successor Registrar shall have accepted the duties of Registrar hereunder, and the Credit Facilities shall have been transferred, together with all other funds then held by the Registrar, to the successor Registrar. Each Registrar is authorized, on behalf of the University, to authenticate and deliver Notes of a Series for which it

is acting as Registrar in accordance with the provisions of such Notes and this resolution and to carry out all of the Registrar's powers and duties under this resolution. The Registrar shall be responsible for its representations contained in the Certificate of Authentication on the Notes for which it is acting as Registrar.

The Registrar shall keep, or cause to be kept, at its principal corporate trust office, the Note Register, which shall at all times be open to inspection by the University.

(b) *Letter of Representations/Book-Entry System.* Initially, to induce DTC to accept the Notes as eligible for deposit at DTC, the University has executed and delivered the Letter of Representations. The Notes initially issued shall be held in fully immobilized form by DTC acting as depository pursuant to the terms and conditions set forth in the Letter of Representations.

(c) *University and Registrar Not Responsible for DTC.* Neither the University nor any Registrar will have any responsibility or obligation to DTC participants or the persons for whom they act as nominees with respect to the Notes in respect of the accuracy of any records maintained by DTC or any DTC participant, the payment by DTC or any DTC participant of any amount in respect of the principal or interest on the Notes, any notice which is permitted or required to be given to Registered Owners under this resolution (except such notices as shall be required to be given by the University to a Registrar or to DTC), the selection by DTC or any DTC participant of any person to receive payment in the event of a partial redemption of the Notes or any consent given or other action taken by DTC as the Registered Owner.

(d) *DTC as Registered Owner.* The University and any Registrar, each in its discretion, may deem and treat the Registered Owner as the absolute owner thereof for all purposes, and neither the University nor a Registrar shall be affected by any notice to the contrary. Payment of any such Note shall be made only as described in this section. All such payments made as described in this section shall be valid and shall satisfy and discharge the liability of the University upon such Note to the extent of the amount or amounts so paid. The University and any Registrar shall be entitled to treat DTC as the absolute owner of all Notes for all purposes of this resolution and any applicable laws, notwithstanding any notice to the contrary received by a Registrar or the University. Neither the University nor any Registrar will have any responsibility or obligation, legal or otherwise, to any other party including DTC or its successor (or substitute depository or its successor), except to the Registered Owners.

(e) *Use of DTC/Book-Entry System.*

(1) *Notes Registered in the Name Designated by DTC.* A Master Note shall be issued for each Series and separately designated set within a Series and shall be registered initially in the name of "CEDE & Co.," as nominee of DTC. The Notes so registered shall be held in fully immobilized form by DTC as depository. Registered ownership of such immobilized Notes, or any portions thereof, may not thereafter be transferred except (A) to any successor of DTC or its nominee, *provided that* any such successor shall be qualified under any applicable laws to provide the service proposed to be provided by it; (B) to any substitute depository appointed by the Authorized University Representative pursuant to subsection (2)

below or such substitute depository's successor; or (C) to any person as provided in paragraph (4) below.

Each Registrar shall enter into a Certificate Agreement with DTC, which Agreement shall be amended by the Registrar to include the Notes. The Certificate Agreement shall supplement the provisions of this resolution with respect to the obligations and duties of the Registrar who shall be bound thereby and shall perform its duties hereunder in accordance therewith.

(2) *Substitute Depository.* Upon the resignation of DTC or its successor (or any substitute depository or its successor) from its functions as depository or a determination by the Authorized University Representative that it is no longer in the best interest of Beneficial Owners to continue the system of book entry transfers through DTC or its successor (or any substitute depository or its successor), the Authorized University Representative may hereafter appoint a substitute depository. Any such substitute depository shall be qualified under any applicable laws to provide the services proposed to be provided by it.

(3) *Issuance of New Notes to Successor/Substitute Depository.* In the case of any transfer pursuant to clause (A) or (B) of paragraph (e)(1) above, the applicable Registrar shall, upon receipt of all Master Notes, together with a written request by the Authorized University Representative, issue new Master Notes, registered in the name of such successor or such substitute depository, or their nominees, as the case may be, all as specified in such written request of the Authorized University Representative.

(4) *Termination of Book-Entry System.* In the event that (i) DTC or its successor (or substitute depository or its successor) resigns from its functions as depository, and no substitute depository can be obtained, or (ii) the Authorized University Representative determines that it is in the best interest of the beneficial owners of the Notes that they be able to obtain Note certificates, the ownership of Notes may then be transferred to any person or entity as herein provided, and the Notes shall no longer be held in fully immobilized form. The Authorized University Representative shall deliver a written request to the Registrar, together with a supply of definitive Notes, to issue Notes as herein provided in any Authorized Denomination. Upon receipt of all then Outstanding Notes by the Registrar together with a written request by the Authorized University Representative to the Registrar, new Notes shall be issued in such Authorized Denominations and registered in the names of such persons as are requested in such written request.

(f) *Registration Covenant.* The University covenants that, until all Series A Notes ~~and Series C Notes~~ have been surrendered and canceled, it will maintain a system for recording the ownership of each Series A Note ~~and Series C Note~~ that complies with the provisions of Section 149 of the Code.

Section 2.06. Mutilated, Destroyed, Lost or Stolen Master Notes. In case any Master Note shall be lost, stolen or destroyed, the University may execute and the Registrar may authenticate and deliver a new Master Note or Master Notes of Series and designations, date and tenor to the Registered Owner thereof, all in accordance with law. However, no substitution or

payment shall be made unless and until the applicant shall furnish (a) evidence satisfactory to said Registrar and Authorized University Representative of the destruction or loss of the original Master Note and of the ownership thereof, and (b) such additional security, indemnity or evidence as may be required by the Authorized University Representative. No substitute Master Note shall be furnished unless the applicant shall reimburse the University and the Registrar for their respective expenses in the furnishing thereof. Any such substitute Master Note so furnished shall be equally and proportionately entitled to the security of this resolution with all other Master Notes issued hereunder.

Section 2.07. Acts of Registered Owners; Evidence of Ownership. Any action to be taken by Registered Owners may be evidenced by one or more concurrent written instruments of similar tenor signed or executed by such Registered Owners in person or by an agent appointed in writing. The fact and date of the execution by any person of any such instrument may be proved by acknowledgment before a notary public or other officer empowered to take acknowledgments or by an affidavit of a witness to such execution or by any other method satisfactory to the Registrar. Any action by the Registered Owner of any Note shall bind all future Registered Owners of the same Note or of any Note issued upon the exchange or registration of transfer thereof in respect of anything done or suffered by the University or the Registrar in pursuance thereof.

The Registrar and the University may treat the Registered Owner of a Note as the absolute owner thereof for all purposes, whether or not such Note shall be overdue, and the Registrar and the University shall not be affected by any knowledge or notice to the contrary; and payment of the principal of and interest on such Note shall be made only to such Registered Owner, which payments shall satisfy and discharge the liability of the University with respect to such Note to the extent of the sum or sums so paid.

Section 2.08. Determination of Interest Rates.

(a) *Determination by Dealer.* In accordance with the applicable Dealer Agreement, a Dealer shall determine an Interest Rate and a maturity date for each Note in compliance with the requirements set forth in Section 2.02(b). Subject to the requirements in Section 2.02(b), each Interest Rate and maturity date shall be determined by a Dealer with respect to each Note for which the Dealer is responsible under the terms of a Dealer Agreement in order to minimize the net interest cost on the Notes as a whole, taking into account the par amount of the Notes and prevailing market conditions; *provided, however*, that the foregoing shall not prohibit the Dealer from establishing longer Interest Periods (and at higher Interest Rates) than are otherwise available at the time if the Dealer determines that, taking into account prevailing market conditions, a lower net interest cost on the Notes can be achieved over the longer Interest Period.

(b) *Interest Periods and Interest Rates.*

(1) Any Note may accrue interest at an Interest Rate for an Interest Period different from any other Note. Each Interest Period shall commence on a Business Day and end on a day immediately preceding the maturity date. Interest on each Note shall be paid on the maturity date. If the Notes are held in book-entry form, principal and interest payments shall be distributed in accordance with the procedures of DTC then in effect. If the Notes are no longer in book-entry only form, then principal and interest shall be paid on the maturity date, upon presentation and surrender of each Note at the office designated by the Registrar in New York City.

(2) Not later than 3:30 p.m., New York City time (or such other time specified in a Dealer Agreement), on each Rate Determination Date, each Dealer shall provide to the applicable Registrar by telephonic or Electronic Means, the principal amount, Series, each additional set designation within a Series, and interest rate for each Note sold by such Dealer. The Registrar shall obtain CUSIP numbers for each Note for which an Interest Rate and Interest Period have been determined on such date.

Section 2.09. Interest Rate on Reimbursement Obligation. Each Reimbursement Obligation shall bear interest as set forth in the applicable Credit Agreement.

Section 2.10. Form of Notes. The Notes shall each be in substantially the following form and/or may be delivered to DTC and the Registrar in the form of Master Notes, with appropriate or necessary insertions, depending upon the omissions and variations as permitted or required hereby. If the Notes are no longer held in uncertificated form, the form of Notes will be changed to reflect the changes required in connection with the preparation of printed Notes.

No. R-_____

\$

[DTC LEGEND]

UNITED STATES OF AMERICA

UNIVERSITY OF WASHINGTON

GENERAL REVENUE NOTE ~~[SHORT PROGRAM]~~~~[EXTENDED PROGRAM]~~

[(TAX-EXEMPT/TAXABLE) COMMERCIAL PAPER)

SERIES [A][B]~~[C]~~~~[D]~~

[Additional Designations]

Master Note

MATURITY DATE: Not later than _____

REGISTERED OWNER: CEDE & CO.

PRINCIPAL AMOUNT: TOGETHER WITH ALL OTHER NOTES OUTSTANDING
NOT EXCEEDING TWO HUNDRED AND FIFTY MILLION
DOLLARS (\$250,000,000)

The University of Washington (the "University") promises to pay to the registered owner named above, or registered assigns, but solely from the sources hereinafter mentioned, on the Maturity Date specified above, the Principal Amount shown above or so much thereof as shall have been advanced hereunder and remain outstanding and to pay interest thereon, at the rate determined as herein provided at the rates and from and on the dates shown in the records of the University and the Registrar (identified below). The principal and interest on this Note may be paid in any coin or currency of the United States of America which, at the time of payment, is legal tender for the payment of public or private debts. The principal of and interest on this Note are payable to the registered owner hereof in immediately available funds as shown on the books of _____ (the "Registrar"). Both principal of and interest on this Note shall be paid as provided in the Blanket Issuer Letter of Representations (the "Letter of Representations") between the State and The Depository Trust Company ("DTC"). Capitalized terms used in this Note have the meanings given such terms in the amended and stated Resolution of the Board of Regents adopted on July 20, 200616, 2009 (the "Note Resolution"). Interest on this Note shall accrue as provided in the Note Resolution.

This Note is issued pursuant to the Note Resolution to provide funding for University purposes.

This Note is payable solely from General Revenues of the University, and the University does hereby pledge and bind itself to set aside from such General Revenues, and to pay into the University of Washington General Revenue Note Fund (Commercial Paper) (the "General Revenue Note Fund") the various amounts required by the Note Resolution to be paid into and maintained in the General Revenue Note Fund, all within the times provided by the Note Resolution.

Except as otherwise provided in the Note Resolution, this Note shall not be entitled to any right or benefit under the Note Resolution, or be valid or become obligatory for any purpose, until this Note shall have been authenticated by execution by the Registrar of the certificate of authentication inscribed hereon.

It is hereby certified, recited and represented that the issuance of this Note and the Notes of this issue is duly authorized by law; that all acts, conditions and things required to exist and necessary to be done or performed precedent to and in the issuance of this Note and the Notes of this issue to render the same lawful, valid and binding have been properly done and performed and have happened in regular and due time, form and manner as required by law; that all acts, conditions and things necessary to be done or performed by the University or to have happened precedent to and in the execution and delivery of the Note Resolution have been done and

performed and have happened in regular and due form as required by law; that due provision has been made for the payment of the principal of and premium, if any, and interest on this Note and the Notes of this issue and that the issuance of this Note and the Notes of this issue does not contravene or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, the University of Washington has caused this Note to be executed on behalf of the University with the manual or facsimile signatures of the President and Secretary or Treasurer of its Board of Regents and caused a facsimile of the official seal of the University to be reproduced hereon.

UNIVERSITY OF WASHINGTON

(SEAL)

By _____/s/_____
President, Board of Regents

ATTEST:

By _____/s/_____
Secretary/Treasurer, Board of Regents

The Certificate of Authentication for the Notes shall be in substantially the following form and shall appear on each Note:

AUTHENTICATION CERTIFICATE

This Note is one of the University of Washington General Revenue Notes ~~—[Short-Program][Extended Program]~~ ([Tax-Exempt/Taxable] Commercial Paper), Series [A][B][C][D] described in the Note Resolution.

_____, as Registrar

By _____/s/_____
Authorized Signatory

Date of Authentication: _____

Section 2.11. Defeasance. If money and/or noncallable Government Obligations maturing at such time(s) and bearing such interest to be earned thereon (without any reinvestment thereof) as will provide a series of payments which shall be sufficient together with any money initially deposited, to provide for the payment when due of the principal of, and interest on all or a designated portion of the Notes are set aside in a special fund to effect such payment and are pledged irrevocably in accordance with a refunding or defeasance plan adopted by the University for the purpose of effecting such payment, then no further payments need be made in the General Revenue Note Fund for the payment of the principal of and interest on such

Notes, the Registered Owners thereof shall cease to be entitled to any lien, benefit or security of this resolution, except the right to receive payment of the principal of and interest on such Notes when due in accordance with their respective terms from the money and the principal and interest proceeds on the Government Obligations set aside in such special fund, and such Notes shall no longer be deemed to be Outstanding hereunder.

ARTICLE III. ISSUANCE; DELIVERY AND PAYMENT PROCEDURES

Section 3.01. Authorization and Delivery of Notes in Book-Entry Form. So long as the Notes are held in book-entry form by DTC or a successor depository, the Dealer, as designated agent for the University or any Authorized University Representative, may from time to time, in accordance with this resolution, submit to the Registrar a request regarding the issuance of Notes which shall include the Series designation, the proposed date of issuance, principal amount, maturity date, Interest Rate, identity and type of the Credit Facility, and information regarding the purchaser(s) of interests in Notes (the "Request"). A copy of each Request shall be given to any Credit Facility Issuer whose Credit Facility secures the Notes.

Upon receipt of a Request, the Registrar shall:

(a) prepare an instruction for DTC (the "Instruction") that sets forth the name, address, the identity of the issuer of the Credit Facility, ~~if any,~~ and taxpayer identification number of the purchaser of an interest in the Notes, the date of issuance, maturity, principal amount and Interest Rate of such interest in Notes, and a CUSIP number;

(b) deliver such Instruction to DTC in accordance with the Letter of Representations and other applicable DTC procedures, and receive from DTC a confirmation that such delivery was effected; and

(c) confirm to the University and the Dealer that delivery to DTC of each Instruction has been made.

All Requests given to the applicable Registrar shall be given by telephone (promptly confirmed in writing), facsimile or other written form. The Registrar shall have no duty to act in the absence of written instructions.

If a Registrar receives a Request by 12:30 p.m., New York City time, on any Business Day, it shall issue an Instruction to DTC by 1:00 p.m. on such Business Day. If a Registrar receives a Request after 12:30 p.m. New York City time, it shall issue an Instruction to DTC by 1:00 p.m. on the next succeeding Business Day. The foregoing times may be modified in accordance with the terms of an approved Dealer Agreement.

Section 3.02. Authorization and Delivery of Notes in Certificated Form. If at any time the Notes are no longer held in book-entry form by DTC or a successor depository, and the University has determined pursuant to Section 2.05 of this resolution that the Notes should be issued in certificated form, the University shall provide the applicable Registrar, at the

University's sole expense, a supply of Note certificates in substantially the form set forth in this resolution, with the Series designation, issue date, maturity date, principal amount, interest rate and interest amount left blank. Such Note certificates shall be executed in accordance with this resolution and shall be held in safekeeping by the Registrar.

Each Dealer, as designated agent for the University, or any Authorized University Representative may from time to time, in accordance with this resolution, submit to the Registrar a Request regarding the issuance of Notes in certificated form.

Upon receipt of such a Request, the Registrar shall:

- (a) withdraw the necessary number of Notes from safekeeping;
- (b) in accordance with the Request, complete each such Note as to the Series designation, the amount of principal, the interest rate and interest amount, the issue date, the maturity date and registered owner;
- (c) authenticate each such Note by executing by manual or facsimile signature the certificate of authentication thereon; and
- (d) deliver, as provided herein, each such Note to the Dealer for delivery to the purchaser specified in such instructions or to the consignee to or for the account of the purchaser thereof, against receipt of payment to the Note Payment Account, and confirm to the University and the Dealer delivery of such Notes.

Section 3.03. Reliance on Instructions. A Registrar shall incur no liability to the University or the Dealer(s) in acting hereunder upon telephonic or other instructions contemplated hereby that the Registrar reasonably believed in good faith to have been given by a Dealer or an Authorized University Representative. All telephonic instructions given pursuant to Sections 3.01 and 3.02 hereof shall be promptly confirmed in writing to the applicable Registrar.

Section 3.04. Limitations on Issuance.

A Registrar shall not be instructed to deliver any certificated Note that:

- (a) is not in an Authorized Denomination;
- (b) has a maturity date that does not comply with the maturity date requirements in Section 2.02(b); or
- (c) (with respect to any Instruction regarding Notes payable from Drawings under any Credit Facility) would result in the Aggregate Interest Coverage with respect to all Outstanding Notes payable from a particular Credit Facility being greater than the Interest portion with respect to such Credit Facility or the Sum with respect to all Outstanding Notes payable from a particular Credit Facility being greater than the Limit with respect to such Credit Facility.

Prior to each issuance of any Note payable from Drawings under a Credit Facility, the University shall confirm that (taking into account such issuance and the refunding of maturing Notes) the Aggregate Interest Coverage with respect to all Outstanding Notes payable from a particular Credit Facility will be less than or equal to the Interest portion with respect to such Credit Facility and the Sum with respect to all Outstanding Notes payable from a particular Credit Facility will not exceed the Limit with respect to such Credit Facility.

Section 3.05. Note Payment Account; Draws on Credit Facility.

(a) *Note Payment Account.* The University or each Registrar shall establish a special account to be used by the Registrar for payment of Notes (the “Note Payment Account”). The Note Payment Account shall be held by the University or Registrar in trust for the Registered Owners and Beneficial Owners of the Notes and, to the extent described in Section 3.05(d) hereof, for the Credit Facility Issuer; provided, however, that all money drawn under a Credit Facility shall be held under the exclusive control of the Registrar. The Registrar shall not have a lien on the Note Payment Account for the payment of any fees or expenses or other obligations owing to the Registrar hereunder. ~~The remaining provisions of this Section 3.05~~

~~(b), (c) and (d) shall be applicable only to Notes payable from _____ Drawings under a Credit Facility that is an irrevocable direct pay letter of credit.~~

~~(b) Drawings.~~ (i) For each Note payable from Drawings under a Credit Facility ~~that is an irrevocable direct pay letter of credit~~, the Registrar shall submit to the Credit Facility Issuer a Drawing in accordance with the terms of the Credit Facility or Credit Agreement, in such form as is set forth in the Credit Facility, no later than ~~11:00 a.m., New York City time (or such other~~ the time specified in ~~an approved~~ the Credit Agreement) in order to draw thereunder an amount that will be sufficient to pay the Notes payable from Drawings under such Credit Facility (including principal and interest) maturing on such date. The Registrar shall deposit the amount of any such Drawing in the Note Payment Account and apply the amount thereof in accordance with Section 3.06 hereof.

(ii) For each other Note (i.e. that is not payable from Drawings under a Credit Facility), the Registrar shall submit to the University, no later than 12:30 p.m., New York City time a request for an amount that will be sufficient to pay the Notes (including principal and interest) maturing on such date. The Registrar shall deposit the amount of any such Drawing in the Note Payment Account and apply the amount thereof in accordance with Section 3.06 hereof.

(c) *Drawings and Note Proceeds.* (i) On any day that Notes payable from Drawings under a Credit Facility that is an irrevocable direct pay letter of credit mature, if the amount of any Drawing received by the Registrar pursuant to paragraph (b) above, together with any Note proceeds actually received from the Dealer on such day pursuant to Section 3.08 hereof, exceeds the amount of principal and interest paid with respect to the Notes maturing on such day, the Registrar shall promptly distribute the excess to the University, unless the Credit Facility Issuer is then owed financial obligations under the Reimbursement Obligation.

(ii) On any day that other Notes (i.e. that are not payable from Drawings under a Credit Facility that is an irrevocable direct pay letter of credit) mature, if the amount of any Drawing received by the Registrar pursuant to paragraph (b) above, together with any Note proceeds actually received from the Dealer on such day pursuant to Section 3.08 hereof, exceeds the amount of principal and interest paid with respect to the Notes maturing on such day, the Registrar shall promptly distribute the excess to the University.

(d) *Deficiency.* If the Registrar fails to receive a payment drawn under ~~the~~^a Credit Facility, the Registrar will notify the University of the amount of the deficiency, and the University will remit an amount sufficient to remedy the deficiency from the appropriate General Revenue Note Fund. There is no expectation that University money and proceeds of a Drawing will ever be on deposit at the same time in the Note Payment Account. If, for any reason, money is received from a Credit Facility Issuer and the University, the Registrar is hereby directed to segregate and not commingle the moneys.

(e) *Credit Facilities.* If Notes are payable from Drawings under a Credit Facility, then that Credit Facility may not be replaced except upon a date on which all Outstanding Notes then payable from Drawings under such Credit Facility are scheduled to mature. All Notes payable from Drawings under a Credit Facility ~~that is a direct pay letter of credit~~ will be paid from Drawings upon the Credit Facility currently in effect and such Credit Facility will not be released until such draws are honored.

Section 3.06. Mechanics for Payment of Matured Notes.

(a) So long as the Notes are held in book-entry form, the Registrar will pay the principal of and interest on matured Notes to DTC in accordance with the Letter of Representations and other applicable DTC procedures. Such payments shall be made from and to the extent that sufficient funds are available in the Note Payment Account for a given Series from the following sources in the following order of priority:

(1) amounts received from a Drawing if the Credit Facility secures the Notes and is a direct pay letter of credit;

(2) proceeds of sale of Notes; ~~and~~

(3) amounts ~~received from the University and/or~~ from a Credit Facility that secures the Notes and is not a direct pay letter of credit; ~~and~~

(4) amounts received from the University.

The Registrar shall have no obligation to pay, at maturity, the amounts referred to in this Section 3.06 unless sufficient funds have been received by the Registrar.

(b) The Registrar shall confirm in writing to an Authorized University Representative and to the applicable Dealer by 3:00 p.m., New York City time, on each Business Day prior to a day on which Notes marketed by that Dealer mature (i) the aggregate principal amount of Notes

marketed by that Dealer maturing on such day and the interest due thereon and (ii) the aggregate principal of and the interest to accrue to maturity on all Outstanding Notes marketed by that Dealer that mature after such day.

(c) The University shall give the Dealer, the Credit Facility Issuer and the Registrar notice at least three Business Days prior to any date on which it wishes to increase or decrease the aggregate principal amount of Notes Outstanding.

(d) In the event any Note is not presented for payment when the principal thereof becomes due, if funds sufficient to pay the principal and interest accrued thereon to such date shall have been made available to the Registrar for the benefit of the Owner thereof, the Registrar shall hold such principal and interest accrued thereon to such date without liability to the Noteowner for further interest thereon, for the benefit of the Owner of such Note, for a period of five years from the date such Note shall have become due, and thereafter the Registrar shall remit said funds pursuant to the Uniform Unclaimed Property Act, RCW 63.29, as amended, or its successor. In the event the Uniform Unclaimed Property Act, as amended, or its successor, should require by law other action to be taken by the Registrar, then the Registrar shall comply with such law and this Section shall be deemed amended. After the payment pursuant to the Uniform Unclaimed Property Act as herein provided, the Registrar's liability for payment to the Owner of such Note shall cease, terminate and be completely discharged and thereafter the Owner shall be restricted exclusively to his or her rights of recovery provided under the Uniform Unclaimed Property Act.

If the Notes are in certificated form during the period prior to the date all such unclaimed moneys are transferred pursuant to the Uniform Unclaimed Property Act, the Registrar shall hold such amounts in cash as provided in the Agreement for Fiscal Agency Services.

The University shall remit any such earnings to the Registrar if required under the Uniform Unclaimed Property Act.

Section 3.07. Credit Facility Repayment Account. The Registrar shall establish a special account to be used by the Registrar for payments to the Credit Facility Issuer with respect to Drawings under its Credit Facility ("Credit Facility Repayment Account"). The Credit Facility Repayment Account shall be held by the Registrar in trust for the benefit of the Credit Facility Issuer unless that Credit Facility Issuer fails to honor a Drawing, in which case this account shall be held in trust for the benefit of the holders of the Notes to be paid from such Credit Facility. The Registrar shall give notice to the University of any Note proceeds credited to a Credit Facility Repayment Account pursuant to Section 3.08 hereof and shall promptly pay such amounts to the Credit Facility Issuer, provided that such Credit Facility Issuer has not refused to honor a properly presented Drawing. The University shall have no right to receive money held in the Credit Facility Repayment Account.

Section 3.08. Delivery and Application of Note Proceeds. No later than 3:00 p.m., New York City time, on the day that any Notes are issued hereunder and upon receipt of Notes via the Securities Depository, the Dealer for such Notes shall deliver to the Registrar the proceeds of

sale of such Notes in immediately available funds. The Registrar shall apply proceeds from the sale of each Series of Notes in the following order of priority:

(a) First, to the extent of any deficiency therein, as a result of a failure by the Credit Facility Issuer to honor a Drawing under the Credit Facility, credited to the Note Payment Account for the payment of Notes of the same Series maturing on such date;

(b) Second, credited to the Credit Facility Repayment Account for the reimbursement of the Credit Facility Issuer and satisfaction of the University's obligations under the Reimbursement Obligation; and

(c) Third, paid to the University.

ARTICLE IV. PAYMENT OF NOTES; DISPOSITION OF NOTE PROCEEDS

Section 4.01. Payment of Notes.

(a) *General Revenue Note Fund.* The General Revenue Note Fund is hereby authorized to be created in the office of the Treasurer of the University as a special fund for the purpose of paying and securing the payment of the principal of and interest on the Notes and the Reimbursement Obligation(s). The General Revenue Note Fund shall be held separate and apart from all other funds and accounts of the University and shall be trust funds for the owners, from time to time, of the Notes and for the Credit Facility Issuer(s) with respect to the Reimbursement Obligation. At the option of an Authorized University Representative, the University may establish separate subaccounts within the General Revenue Note Fund for the purpose of paying separate Series of Notes and/or Reimbursement Obligations.

The University hereby irrevocably obligates and binds itself for as long as any Note or any Reimbursement Obligation remains Outstanding to set aside and pay into the General Revenue Note Fund from General Revenue on or prior to the respective dates the same become due ~~if and to the extent that payment of such amounts is not made from the proceeds of the issuance of new Notes (and if such payment is made on the due date, such payment shall be made in immediately available funds):~~

(1) Such amounts as are required to pay the interest scheduled to become due on Outstanding Notes and Reimbursement Obligations; and

(2) Such amounts as are required to pay maturing principal of Outstanding Notes and Reimbursement Obligations.

The University may apply the proceeds of the issuance of new Notes to pay such amounts, as set forth in Section 3.06(a).

(b) *Special Fund Obligations.* The Notes and any Reimbursement Obligation shall be special fund obligations of the University, payable solely from General Revenues and the money

and investments deposited into the General Revenue Note Fund. In addition, any Building Fee Revenue Notes are payable first from money and investments in the University of Washington bond retirement account. The Note and any Reimbursement Obligation shall not constitute an obligation, general, special or moral, of the State, and shall not be a general or moral obligation of the University. The Registered Owners of the Note or the Credit Facility Issuer shall have no right to require the State, nor has the State any obligation or legal authorization, to levy any taxes or appropriate or expend any of its funds for the payment of the principal thereof or the interest or any premium thereon. The University has no taxing power.

(c) *All Notes Have Equal Claim on General Revenues.* The Outstanding General Revenue Bonds, the Notes and any Additional Bonds shall be equally and ratably payable, without preference, priority or distinction because of date of issue or otherwise from General Revenues.

(d) *Additions to General Revenues.*

(1) The University reserves the right to include in General Revenues, at its sole option, in the future, other sources of revenue or income, specifically including, but not limited to, all or any portion of the items or the auxiliary systems added pursuant to subsection (2) below.

(2) Such additions shall occur on the date and as provided in a certificate executed by the Controller of the University (or the successor to the functions of the Controller). The Controller shall, in the case of additions of items or auxiliaries to General Revenues, certify that for the preceding two Fiscal Years for which audited financial statements are available, the item or auxiliary maintained a “coverage ratio” of at least 125%, where the “coverage ratio” equals: (i) Net Revenue (for those items or auxiliaries whose debt has a lien on Net Revenues) or gross revenues (for those items or auxiliaries whose debt has a lien on gross revenues), divided by (ii) debt service with respect to the then-outstanding revenue debt of the auxiliary or item and state-reimbursed bonds allocable to such auxiliary or item. In the event an auxiliary or item is added to General Revenues, the obligations of that auxiliary or item may remain outstanding and have a prior claim on auxiliary Net Revenues.

(e) *Deletions from General Revenues.* The University reserves the right to remove, at its sole option, in the future, any revenues from General Revenues. The removal of General Revenues shall be evidenced by a certificate executed by the Controller of the University (or the successor to the functions of the Controller) identifying the items to be deleted.

(f) *Reimbursement Obligation.* The obligations of the University under a Credit Agreement may be evidenced by a “Reimbursement Obligation” issued by the University thereunder. The “Reimbursement Obligation” shall also be secured by the General Revenue Note Fund (but not by moneys drawn under a Credit Facility), all in accordance with the Credit Agreement.

(g) *Building Fee Revenue Notes.* If any of the Notes are designated as Building Fee Revenue Notes pursuant to Section 5.01, such Building Fee Revenue Notes shall be payable

from and secured by a pledge of any or all of the revenues and receipts of the University of Washington bond retirement fund. In addition, Building Fee Revenue Notes shall be payable from General Revenue and money and investments in the General Revenue Note Fund. The Board hereby covenants to establish, maintain and collect Building Fees in such amounts that will provide money sufficient to pay the principal of and interest on all bonds, including any Building Fee Revenue Notes, payable out of the University of Washington bond retirement fund, to set aside and maintain reserves, if any, required to secure the payment of such principal and interest, and to maintain coverage, if any, which may be required over such principal and interest. The Board hereby orders that in the event there is ever an insufficient amount of money in the University of Washington bond retirement fund to pay principal of or interest on any Building Fee Revenue Note when due, moneys shall be transferred from the University of Washington building account to the University of Washington bond retirement fund. Amounts on deposit in the University of Washington bond retirement fund shall be invested as permitted by law. Any money on deposit in the University of Washington bond retirement fund in excess of the debt service to be paid therefrom for a period of three years may be transferred to the University of Washington building account as permitted by the Building Fee Revenue Bond Act.

Building Fee Revenue Bonds shall not be general or special obligations of the state of Washington, but shall be limited obligation bonds of the University payable only from Building Fees, money and investments in the University of Washington bond retirement fund, General Revenues and money and investments in the Bond Fund.

Section 4.02. Use of Moneys in the General Revenue Note Fund and Moneys Drawn Under Credit Facilities. Money in the General Revenue Note Fund shall be used solely for the payment of the principal of and interest on; the Notes and the Reimbursement Obligations as the same shall become due and payable.

The University is obligated to pay the principal of and interest on the Notes when due. Funds for the payment of the principal of and interest on the Notes shall be derived by the University from the following sources in the order of priority indicated:

(a) Drawings ~~drawings~~ by the Registrar under a Credit Facility that is an irrevocable direct pay letter of credit, for the payment of the principal of or interest on the Notes secured by that Credit Facility;

(b) proceeds from the sale of other Notes of the same Series; ~~and~~

(c) ~~payments made by the University pursuant to Section 4.01 hereof and/or~~ drawings under a Credit Facility that is not an irrevocable direct pay letter of credit for the payment of the principal of or interest on the Notes secured by that Credit Facility-; ~~and~~

(d) payments made by the University pursuant to Section 4.01 hereof.

Each direct pay Credit Facility shall be the obligation of the Credit Facility Issuer to pay to the Registrar, in accordance with the terms thereof, such amounts as shall be specified therein and available to be drawn thereunder for the timely payment of the principal of and interest on

all or any portion of the Notes. Money drawn under each Credit Facility by the Registrar shall be held by the Registrar separate and apart and shall not be commingled with any University funds. Such money shall not be invested. Each Credit Facility shall be reduced to the extent of any drawings thereunder and reinstated in accordance with the terms thereof.

The University may request an extension of the termination date of each Credit Facility or may provide for the delivery of another Credit Facility prior to its expiration date.

Section 4.03. Enforcement of Rights. The Registered Owner of each of the Notes, any Credit Facility Issuer or a trustee for the Registered Owners of any of the Notes may by mandamus or other appropriate proceeding require the transfer and payment of money as directed in this resolution.

Section 4.04. Future General Revenue Bonds. The University shall have the right to issue one or more series of Additional Bonds ~~to finance the construction, installation, equipping, repair, renovation, alteration or betterment of~~ University ~~facilities~~ purposes as permitted under the ~~Research Bond Act~~ or otherwise under State law ~~including without limitation the Biennium Note Act~~, and the costs of issuing Additional Bonds, or to refund or advance refund any ~~Notes Bonds or other obligations~~. The University shall have the right to designate one or more series of Additional Bonds as Building Fee Revenue Bonds payable from and secured by the Building Fee and money and investments in the University of Washington bond retirement fund on a parity with the lien thereon of outstanding Building Fee Revenue Bonds to the extent permitted by the Building Fee Revenue Bond Act. The University shall have the further right to pledge Building Fees and moneys and investments in the University of Washington bond retirement fund to pay additional bonds payable from and secured solely by such Building Fees and moneys and investments on a parity with the lien thereon of outstanding Building Fee Revenue Bonds.

Section 4.05. Disposition of Note Proceeds.

(a) ~~Series A Notes and Series C Notes~~. The University or the Treasurer of the University is hereby authorized and directed to create a special fund or account of the University, designated as the "University of Washington Capital Fund, Tax-Exempt" (the "Capital Fund-Tax-Exempt"). The money on deposit in the Capital Fund-Tax-Exempt shall be utilized to pay or reimburse the University for Governmental Projects and costs incidental thereto, and costs incurred in connection with the issuance and sale of the Series A Notes, to the extent designated by the Authorized University Representative. Money on deposit in the Capital Fund-Tax-Exempt that represents proceeds of Building Fee Revenue Notes shall be utilized to pay or reimburse the University for the Building Fee Revenue Bond Project and costs incidental thereto, and allocable costs incurred in connection with the issuance and sale of the Series ~~CA~~ Notes, to the extent designated by the Authorized University Representative.

The proceeds of the Series A Notes (other than proceeds of Series A Notes issued to refund Series A Notes or ~~Series C Notes or to pay Reimbursement Obligations~~) ~~specified from time to time by the Authorized University Representative shall be paid into the Capital Fund-Tax Exempt. The proceeds of the Series C Notes (other than proceeds of Series C Notes issued~~

~~to refund Series A Notes or Series C Notes or~~ to pay Reimbursement Obligations) specified from time to time by the Authorized University Representative shall be paid into the Capital Fund-Tax-Exempt.

All or part of the proceeds of the Series A Notes ~~and Series C Notes~~ may be temporarily invested in or with such institutions or in such obligations as may now or hereafter be permitted to University districts of the State of Washington by law which will mature prior to the date on which such money shall be needed.

(b) ~~Series B Notes and Series D Notes.~~ The proceeds of the Series B Notes (other than the proceeds of refunding Notes or the proceeds used to pay the Reimbursement Obligation) shall be deposited in any fund of the University and may be used for any lawful expenditure. ~~The proceeds of the Series D Notes (other than the proceeds of refunding Notes or the proceeds used to pay the Reimbursement Obligation) shall be deposited in any fund of the University and may be used for any lawful expenditure.~~

Section 4.06. Tax Covenants.

(a) *Tax Covenant.* The Board of Regents covenants to undertake all actions required to maintain the tax-exempt status of interest on the Series A Notes ~~and the Series C Notes~~ under the Code.

(b) *No Bank Qualification.* The Notes are not qualified tax-exempt obligations pursuant to Section 265(b) of the Code for investment by financial institutions.

ARTICLE V. DEALERS; REGISTRARS; SALE OF NOTES; EXECUTION OF AGREEMENTS

Section 5.01. Determination of Certain Matters Affecting the Notes.

The Authorized University Representative is hereby authorized and directed to make the following determinations and/or take the following actions, prior to the sale of the Notes, subject to the limitations described below, affecting the security for and the sale and issuance of the Notes:

- (a) appoint one or more Registrars and successor Registrars and remove Registrar(s);
- (b) select one or more Dealers and any successor Dealer and remove Dealer(s);
- (c) negotiate, review and execute at his or her discretion, one or more Dealer Agreements and agreements with Registrar(s);
- (d) determine if it is in the best interest of the University for any or all of the Notes to be secured by a Credit Facility and, if so, select the Credit Facility Issuer and enter into the

Credit Agreement(s); determine if it is in the best interest of the University for any or all of the Notes to be issued and sold without a Credit Facility and, if so, terminate a Credit Facility;

(e) approve any Reimbursement Obligation to evidence the University's obligations to reimburse the Credit Facility Issuer for payments made under a Credit Facility;

(f) approve Offering Memoranda with respect to the Notes and any amendments thereto;

(g) negotiate extensions of the stated expiration date of any Credit Facility, and execute documents necessary to effect such changes; ~~and~~

(h) determine if it is in the best interest of the University to pay interest accrued on the Notes during some portion or all of the period of the construction of the Project from proceeds of the Notes ~~;~~ and

(i) designate any or all of the Notes as Building Fee Revenue Notes.

In determining the items described in this section, the Authorized University Representative, in consultation with University staff and the University's financial advisor, shall take into account those factors that, in his/her judgment, will result in the lowest cost of borrowing with respect to the Notes, including, but not limited to current financial market conditions and current interest rates for obligations comparable in tenor and quality to the Notes.

Section 5.02. Dealers. A Dealer may at any time resign and be discharged of the duties and obligations created by this resolution by giving the notice set forth in the Dealer Agreement(s). The Dealer may be removed upon notice set forth in the Dealer Agreement at the direction of an Authorized University Representative, by written notice to the Dealer, each Credit Facility Issuer of a Credit Facility then in effect and the applicable Registrar. Any successor Dealer shall be authorized by law to perform all the duties set forth in this resolution.

Section 5.03. Additional Duties of Registrar(s). Each Registrar shall perform the duties specified hereunder consistent with the terms of the agreement between the Registrar and the University or the Fiscal Agency Agreement, if applicable, and this resolution.

ARTICLE VI. MISCELLANEOUS

Section 6.01. Contract; Severability. The covenants in this resolution and in the Notes shall constitute a contract among the University, each Registrar, the Credit Facility Issuers and the Registered Owner of each and every Note. If any one or more of the covenants or agreements provided in this resolution to be performed on the part of the University shall be declared by any court of competent jurisdiction and final appeal (if any appeal be taken) to be contrary to law, then such covenant or covenants, agreement or agreements, shall be null and void and shall be deemed separable from the remaining covenants and agreements in this

resolution and shall in no way affect the validity of the other provisions of this resolution or of the Notes.

Section 6.02. Notice. Any notice required to be given hereunder by mail to the Registered Owners shall be given by mailing a copy of such notice, first class postage prepaid, to the Registered Owners of all the Notes at their addresses appearing in the Note Register.

Section 6.03. References to Credit Facility Issuer. Notwithstanding any provisions contained herein to the contrary, after the expiration or termination of any Credit Facility and after all obligations owed to the Credit Facility Issuer pursuant to the applicable Credit Agreement and Reimbursement Obligation have been paid in full or discharged, all references to such Credit Facility Issuer and such Credit Facility contained herein shall be null and void and of no further force and effect. A Registrar shall not have any lien on moneys received under any Credit Facility for payment of its fees and expenses, and the Registrar shall not seek indemnity as a condition to making a Drawing under any Credit Facility, making payments to then Registered Owners of Notes.

Section 6.04. Notices. All written notices to be given hereunder to any Notice Party or any Rating Agency shall be given by first-class mail, postage prepaid to the party or parties entitled thereto at the address set forth below, or at such other address as may be provided to the other Notice Parties in writing from time to time:

The University:	University of Washington Senior Associate Treasurer University of Washington Treasury Office 4311 11th Avenue NE Suite 600 PO Box 354998 Seattle, Washington 98105-6369 Telephone: (206) 616-1103 Fax: (206) 543-3698
Credit Facility Issuer:	(as shown in the applicable Credit Agreement)
The Dealer:	(as shown in the applicable Dealer Agreement)
Registrar:	(as shown in the applicable Registrar agreement)
Moody's:	Moody's Investors Service, Inc. 99 Church <u>7 World Trade Center</u> <u>250 Greenwich</u> Street New York, New York 10007 Attention: Structural Finance/LOC Group

S&P: Standard & Poor's Ratings Services,
a Division of the McGraw Hill Companies
55 Water Street
New York, New York 10041
Attention: Manager, Public Finance Department

Fitch: Fitch, Inc.
One State Street Plaza, 28th Floor
New York, New York 10004
Attention: Public Finance

Section 6.05. Notices to Rating Agencies. The University shall give immediate notice to each Rating Agency then maintaining a rating on the Notes in the event:

- (a) A Dealer or the Registrar resigns or is replaced;
 - (b) This resolution is amended or supplemented;
 - (c) A Credit Facility is provided;
 - (d) There has been a termination of the Note program authorized by this resolution;
- or
- (e) A written agreement between the University and a Dealer, Registrar or Credit Facility Issuer is amended, supplemented, extended, terminated or expired or replaced.

Section 6.06. Amendments Without Registered Owners' Consent. This resolution may be amended or supplemented from time to time, without the consent of the Registered Owners by a Supplemental Resolution adopted by the Board of Regents for one or more of the following purposes:

- (a) to add additional covenants of the Board of Regents or to surrender any right or power herein conferred upon the University; or
- (b) to cure any ambiguity or to cure, correct or supplement any defective (whether because of any inconsistency with any other provision hereof or otherwise) provision of this resolution in such manner as shall not be inconsistent with this resolution or to make any other provisions with respect to matters or questions arising under this resolution, provided such action shall not impair the security hereof or adversely affect the interests of the Registered Owners; or
- (c) to provide or modify procedures permitting Registered Owners to utilize a certificated system of registration for Notes; or
- (d) to modify, alter, amend, supplement or restate this resolution in any and all respects necessary, desirable or appropriate in connection with the delivery of a Credit Facility,

so long as such amendment or supplement does not adversely affect the security for any Outstanding Notes or Reimbursement Obligations; or

(e) to modify, alter, amend, supplement or restate this resolution in any and all respects necessary, desirable or appropriate in order to satisfy the requirements of any Rating Agency which may from time to time provide a rating on the Notes, or in order to obtain or retain such rating on the Notes as is deemed necessary by the University; or

(f) to modify the definition of General Revenues solely to reflect additions or deletions of revenues permitted pursuant to Section 4.01(d) and 4.01(e); or

(g) for any purpose, if such amendment becomes effective only on a date on which all Notes are scheduled to mature.

The administrative procedures with respect to Note issuance, including timing of Requests, Instructions and other actions, provided in this resolution may be changed in a written agreement with the Registrar or the Dealer, with the consent of the Authorized University Representative, Registrar and applicable Dealer; provided that the Authorized University Representative shall not consent to any change that impairs the security hereof or adversely affect the interests of the Registered Owners or the rating by a Rating Agency.

Section 6.07. Amendments with Registered Owners Consent. This resolution may be amended from time to time by a Supplemental Resolution approved by the Registered Owners of a majority in aggregate principal amount of the Notes then Outstanding; provided, that (a) no amendment shall be made which affects the rights of some but fewer than all of the Registered Owners of the Outstanding Notes without the consent of the Registered Owners of a majority in aggregate principal amount of the Notes so affected, and (b) except as expressly authorized hereunder, no amendment which alters the interest rates on any Notes, the maturity date or Interest Payment Dates of any Notes without the consent of the Registered Owners of all Outstanding Notes affected thereby.

Section 6.08. Amendments With Credit Facility Issuer's Consent; Consent of Credit Facility Issuer. Notwithstanding anything herein to the contrary, any amendment or supplement to this resolution that requires Note owner consent shall require the prior written consent of the Credit Facility Issuer, ~~if any~~. If Notes are payable from a Credit Facility that is an irrevocable direct pay letter of credit or a municipal bond insurance policy, the issuer of such Credit Facility shall be considered to be the Registered Owner of such Notes for purposes of granting any consent to an amendment or supplement pursuant to Section 6.07 hereof except for amendments that alter the interest rates on any Notes, the maturity date or Interest Payment Dates of any Notes.

Section 6.09. Amended and Restated Resolution. The Prior Commercial Paper Resolution as amended and restated on July 16, 2009, is repealed and superseded in its entirety by this Amended and Restated Resolution on and as of the [next] date on which all outstanding Notes are scheduled to mature.

| Section 6.10. Immediate Effect. This resolution shall take effect immediately upon its adoption.

| ADOPTED by the Board of Regents of the University of Washington at a meeting thereof, held this ~~20th~~16th day of July, ~~2006~~2009, and duly authenticated in open session by the signatures of the Board of Regents voting in favor thereof.

UNIVERSITY OF WASHINGTON

Board of Regents

CERTIFICATE

I, the undersigned, Secretary of the Board of Regents (the “Board of Regents”) of the University of Washington, Washington (the “University”), DO HEREBY CERTIFY:

1. That the attached resolution (the “Resolution”), is a true and correct copy of a resolution of the University, as finally adopted at a meeting of the Board of Regents held on the ~~20th~~16th day of July, ~~2006~~2009, and duly recorded in my office.

2. That said meeting was duly convened and held in all respects in accordance with law, and to the extent required by law, due and proper notice of such meeting was given; that a quorum of the Board of Regents was present throughout the meeting and a legally sufficient number of members of the Board of Regents voted in the proper manner for the adoption of said Resolution; that all other requirements and proceedings incident to the proper adoption of said Resolution have been duly fulfilled, carried out and otherwise observed, and that I am authorized to execute this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of July, ~~2006~~2009.

Secretary

VII. STANDING COMMITTEES**B. Finance, Audit and Facilities Committee**Approval of a Resolution to Issue and Refund General Revenue BondsRECOMMENDED ACTION:

It is the recommendation of the administration and the Finance, Audit and Facilities Committee that the Board of Regents approve:

1. The attached resolution to allow for the issuance of General Revenue Bonds for the following purposes:
 - a. Capital projects based on expected cash flows and outstanding commercial paper for fiscal year 2010 in an amount not to exceed \$150 million;
 - b. To refund any existing debt that provides an economic benefit.
2. Delegating to the President or his designee the authority to proceed with the issuance of the bonds, to establish all other terms of the bonds, and to execute other documents and approvals as required to complete the transactions.

BACKGROUND:

As part of the Internal Lending Program and the revised Debt Policy, approved in May 2008 by the Board of Regents, the university will issue long term bonds less frequently and in larger amounts. Proceeds from the bonds will be used to fund internal loans for previously approved campus projects and refund currently outstanding obligations of the university.

Refunding bonds will be issued to capture economic benefit and/or to restructure the debt portfolio to achieve longer-term strategic objectives. Bonds refunded for economic benefit are authorized under this resolution; any refunding for non-economic reasons will require specific regental approval.

The following is a summary of the capital projects currently expected to be funded with long term General Revenue Bonds issued in fiscal year 2010:

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Approval of a Resolution to Issue and Refund General Revenue Bonds (continued p. 2)

Project Name	Date of Regents Approval	Total Project Cost (000)	Total Authorized Debt (000)	Estimated Borrowing (000)
4545 ESCO Projects	Del. Authority	3,800	3,800	3,800
Cavalier Purchase (Housing)	Dec-08	7,000	7,000	7,000
West Campus Garage	Oct-07	18,000	3,000	2,800
UWMC Expansion	Feb-08	165,000	156,000	60,400
AAALAC Facilities	Mar-08	28,000	25,000	25,000
Pediatric Dentistry	Mar-08	17,000	11,000	9,800
UW Tower Tenant Improvements	Mar-08	13,000	13,000	12,800
J-Wing (Microbiology)	Jul-08	24,000	16,000	3,200
PACCAR Business School	Jul-08	95,000	30,000	22,600
AAALAC Budget Increase	Nov-08	7,000	7,000	3,900
Housing Phase 1	May-09	164,000	164,000	13,600
UWAA Tenant Improvements	Del. Authority	2,000	2,000	2,000
Molecular Engineering	Jun-09	79,000	74,000	53,500
Student Life Projects	Jul-09	154,000	150,000	4,600
Total		776,800	661,800	225,000

Less 2009 GRB Proceeds	(75,000)
Total Estimated 2010 Borrowing	150,000
Less Commercial Paper Takeout	(30,000)
Total Estimated 2010 Borrowing for New Cash Flows	120,000

A summary of all outstanding obligations is provided in Schedule A of the attached Resolution.

FINANCING STRUCTURE:

Under the resolution, the bonds can be issued as fixed rate, variable rate, non-amortizing or some combination of modes. In addition, more than one series of bonds can be issued during the fiscal year. The final structure of the bonds will depend on market conditions and debt management strategy at the time of issuance. The structure of any bonds issued will be reported to the Board of Regents at the annual Debt Management Review in February, 2010.

The source of repayment for these bonds will be General Revenues, including all auxiliary revenues, and funds in the Bond Retirement Account. That portion of the bonds to be used to pay costs of the Molecular Engineering project will be paid first from building fees and amounts in the University of Washington bond retirement account.

The total new money borrowing for fiscal year 2010 is not expected to exceed \$120 million and may be less than \$120 million if cash needs are less than projected. The authority granted in the resolution will terminate on July 31, 2010.

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Approval of a Resolution to Issue and Refund General Revenue Bonds (continued
p. 3)

REVIEW AND APPROVALS:

The resolution and terms have been recommended by the University's financial advisor and reviewed by the Treasury Office and the Senior Vice President for Finance and Facilities. This recommendation has been reviewed by the University's financial advisor and bond counsel.

Attachments

1. 2010 General Revenue Bond Resolution
2. UW Debt Profile

BOARD OF REGENTS
UNIVERSITY OF WASHINGTON
RESOLUTION
DATED JULY 16, 2009

Authorizing the issuance and sale of
UNIVERSITY OF WASHINGTON
GENERAL REVENUE BONDS, SERIES [2009-2010] and
GENERAL REVENUE REFUNDING BONDS, SERIES [2009-2010]

ATTACHMENT 1

UNIVERSITY OF WASHINGTON

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BOARD OF REGENTS
UNIVERSITY OF WASHINGTON
RESOLUTION

A RESOLUTION of the Board of Regents of the University of Washington providing for the authorization, sale, issuance and delivery of University of Washington General Revenue Bonds in the aggregate principal amount not to exceed \$150,000,000 for the purpose of financing or refinancing the acquisition of and improvements to University capital facilities and University of Washington General Revenue Refunding Bonds for the purpose of refunding certain outstanding obligations; providing for the date, form, terms, maturities and redemption of the bonds; providing for the payment of and establishing the security for such bonds; providing for the redemption of the outstanding bonds to be refunded; delegating authority to an authorized representative of the University to make certain determinations and appointments with respect to the bonds of this issue from time to time; and authorizing the execution of documents in connection with the issuance and sale of such bonds.

WHEREAS, the Legislature, pursuant to the Bond Act (as hereinafter defined) has authorized the Board of Regents to sell and issue revenue bonds to finance or refinance the acquisition, construction, and equipping of University facilities; and

WHEREAS, the University has outstanding those bonds described on Exhibit A attached hereto, each of which are subject to optional redemption prior to their respective maturities as shown on Exhibit A; and

WHEREAS, the University has been advised that debt service savings or more beneficial terms may be obtained by refunding some or all of the Refunding Candidates through the issuance of one or more series of general revenue refunding bonds (the "2009/2010 Refunding Bonds"); and

WHEREAS, the University has also determined to issue one or more series of general revenue bonds in the aggregate principal amount not to exceed \$150,000,000 (the "2009/2010 New Money Bonds") for the purpose of financing or refinancing certain University capital facilities as described herein; and

WHEREAS, pursuant to RCW 28B.20.700-.740., as amended by Chapter 499, Wash. Laws 2009, and pursuant to Sec. 5029, Chapter 497, Wash. Laws 2009, the University is authorized to issue up to \$53,554,000 in building fee revenue bonds to pay costs of constructing

a molecular engineering building, and is authorized to pledge its General Revenues, as defined herein, as an additional source of payment for such bonds;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF WASHINGTON, as follows:

Section 1. Definitions.

The terms defined in this Section 1 shall, for all purposes of this resolution (including the recitals) and of any resolution supplemental hereto, have the following meanings:

Acquired Obligations means the Government Obligations acquired by the University under the terms of this resolution and an Escrow Agreement to effect the defeasance and refunding of one or more of the Refunding Candidates.

Additional Bonds means one or more series of additional obligations of the University payable from General Revenues.

Authorized Denominations means:

(a) with respect to 2009/2010 Bonds in the Fixed Rate Mode or Term Mode, \$5,000 and any integral multiple thereof within a series and maturity, and

(b) with respect to 2009/2010 Bonds in the Daily Mode, the Weekly Mode, or the Commercial Paper Mode, \$100,000 and any integral multiple of \$5,000 in excess thereof within a series and maturity.

Authorized Representative of the University means the President of the University or the designee(s) of the President for the purposes of one or more duties of the Authorized Representative under this resolution.

Bank Bonds has the meaning set forth in the applicable Reimbursement Agreement.

Beneficial Owner means any person that has or shares the power, directly or indirectly, to make investment decisions concerning ownership of any 2009/2010 Bonds (including persons holding 2009/2010 Bonds through nominees, depositories or other intermediary).

Board means the Board of Regents of the University, which exists and functions pursuant to chapter 28B.20 RCW, as amended from time to time.

Bond Act means, together, chapter 28B.140 RCW and chapter 28B.142 RCW, in each case as amended from time to time.

Bond Counsel means an attorney or firm of attorneys whose opinion is accepted in the national tax-exempt capital markets as to the issuance and validity of municipal securities and as

to the interest paid thereon being exempt from federal income taxation, which attorney or firm of attorneys has been approved by, selected by or retained by the University from time to time.

Bond Fund means the special fund designated as the General Revenue Bond Redemption Fund, 2009.

Bond Purchase Contract means the Bond Purchase Contract(s) between the University and the underwriter(s) for each series of the 2009/2010 Bonds pertaining to the initial sale and purchase of the 2009/2010 Bonds.

Bond Register means the registration books maintained by the Registrar containing the names and addresses of the Registered Owners of the Bonds.

Bond Year means each one-year period that ends on the date selected by the University. The first and last Bond Years may be short periods. If no day is selected by the University before the earlier of the final maturity date of the 2009/2010 Bonds or the date that is five years after the date of issuance of the 2009/2010 Bonds, Bond Years end on each anniversary of the date of issue and on the final maturity date of the 2009/2010 Bonds.

Bonds mean the University of Washington General Revenue Bonds, 2007, currently outstanding in the principal amount of \$138,405,000, the General Revenue Refunding Bonds, 2008, currently outstanding in the principal amount of \$86,135,000, the General Revenue Bonds, 2009 Taxable (Build America Bonds – Direct Payment), currently outstanding in the principal amount of \$75,835,000, the 2009/2010 Bonds and any Additional Bonds.

Building Fee Revenue Bond Act means RCW 28B.20.700-.740, as amended by Chapter 499 Wash. Laws 2009, and as further amended from time to time.

Building Fee Revenue Bond Project means the design and construction of, improvements to and equipping of a molecular engineering building identified in Section 5029, Chapter 497, Wash. Laws 2009, permitted by the Building Fee Revenue Bond Act.

Building Fee Revenue Bonds means bonds, including a portion of the Bonds, issued pursuant to the Building Fee Revenue Bond Act to pay costs of the Building Fee Revenue Bond Project.

Building Fees means building fees defined in RCW 28B.15.025, as amended from time to time, and imposed for the purposes set forth in RCW 28B.15.210, as amended from time to time.

Business Day means a day (a) on which banks in Seattle, Washington or New York, New York, the Securities Depository, the Credit Facility Issuer, the Liquidity Facility, or the Remarketing Agent are not authorized or required to remain closed and (b) on which the New York Stock Exchange is not closed.

Call Date means the earliest date(s) on which the Refunding Candidates may be called for redemption under the terms of the proceedings pursuant to which they were issued.

Closing Date means each date on which a series of 2009/2010 Bonds are issued and delivered in return for payment of the full purchase price therefor.

Code means the Internal Revenue Code of 1986, as heretofore or hereafter amended, together with all corresponding and applicable final, temporary or proposed regulations and revenue rulings as issued or amended with respect thereto by the United States Treasury Department or the Internal Revenue Service to the extent applicable to the 2009/2010 Bonds.

Commercial Paper Mode means the Mode during which the 2009/2010 Bonds bear interest at a Commercial Paper Rate or Rates.

Commercial Paper Rate means the interest rate (per annum) on any 2009/2010 Bond in the Commercial Paper Mode determined pursuant to the applicable Remarketing Agreement or Trust Agreement for such 2009/2010 Bonds.

Commission means the Securities and Exchange Commission.

Continuing Disclosure Certificate means the certificate of the University, if required under the Rule, undertaking to provide ongoing disclosure to assist the underwriters for the 2009/2010 Bonds of any series in complying with the Rule.

Credit Facility means a policy of municipal bond insurance, a letter of credit, line of credit, guarantee or other financial instrument or any combination of the foregoing, which obligates a third party to make payment or provide funds for the payment of financial obligations, if any, of the University with respect to any series of the 2009/2010 Bonds, including but not limited to payment of the scheduled principal of and interest on 2009/2010 Bonds. There may be more than one Credit Facility for a series of 2009/2010 Bonds.

Credit Facility Issuer means the issuer of any Credit Facility.

Current Mode means, with respect to any series of the 2009/2010 Bonds, the Mode then in effect.

Daily Mode means the Mode during which a series of the 2009/2010 Bonds bear interest at the Daily Rate.

Daily Rate means the per annum interest rate for a series of the 2009/2010 Bonds in the Daily Mode determined pursuant to the Remarketing Agreement or Trust Agreement for such 2009/2010 Bonds.

Derivative Payment Date means any date specified in a Payment Agreement on which a University Payment is due and payable under the Payment Agreement.

DTC means The Depository Trust Company, New York, New York as depository for the 2009/2010 Bonds, or any successor or substitute depository for the 2009/2010 Bonds.

Escrow Agent means any escrow agent selected by the Authorized Representative of the University in accordance with this resolution.

Escrow Agreement means an Escrow Deposit Agreement to be dated as of the applicable Closing Date.

Federal Tax Certificate means certificate of that name executed by the Authorized Representative of the University at the time of issuance and delivery of each series of the 2009/2010 Bonds.

Fiscal Year means the University's duly adopted fiscal year, currently ending June 30.

Fitch means Fitch Ratings, Inc., organized and existing under the laws of the State of Delaware, its successors and their assigns, and, if such organization shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, **Fitch** shall be deemed to refer to any other nationally recognized securities rating agency (other than S&P or Moody's) designated by the Authorized Representative of the University.

Fixed Mode means the Mode in which a series of the 2009/2010 Bonds bear interest at a Fixed Rate or Fixed Rates to the Maturity Date or Maturity Dates.

Fixed Rate means a per annum interest rate or rates borne by a series of the 2009/2010 Bonds to the maturity thereof determined pursuant to Section 23 and the Remarketing Agreement or Trust Agreement for such 2009/2010 Bonds.

General Revenues means all nonappropriated income, revenues, and receipts of the University if and to the extent such funds are not restricted in their use by law, regulation, or contract. For example, the following items are restricted and, therefore, excluded:

- (a) Appropriations to the University by the State from the State's General Fund;
- (b) Each fund the purpose of which has been restricted in writing by the terms of the gift or grant under which such fund has been donated, or by the donor thereof;
- (c) Fees imposed upon students as a condition of enrollment at the University, including but not limited to services and activities fees, building fees, and technology fees; and
- (d) Revenues and receipts attributable to the Metro Tract Revenue.

Unrestricted fund balances, to the extent that they were accumulated from money that was received as **General Revenues**, also would be includable and available to pay obligations secured by **General Revenues**. Upon the removal of any income, revenues, or receipts from General

Revenues pursuant to Section 15(d), this definition of General Revenues shall be deemed to be amended accordingly without further action by the University.

Government Obligations means government obligations as are authorized to be used for refunding purposes by chapter 39.53 RCW, as amended or restated from time to time.

Interest Payment Date means the dates selected by the Authorized Representative of the University and set forth in the Bond Purchase Contract, Trust Agreement or Remarketing Agreement, as applicable.

Interest Rate means a Fixed Rate, Daily Rate, Weekly Rate, Commercial Paper Rate, or Term Rate, as the context requires.

Irrevocable Deposit means the irrevocable deposit of money or Government Obligations in order to provide for the payment of all or a portion of the principal of, premium, if any, and interest on any 2009/2010 Bonds in accordance with, and simultaneously meeting all the requirements of, Section 21.

Issuance Costs means, without intending thereby to limit or restrict any proper definition of such costs under any applicable laws and GAAP, the following:

(a) costs reasonably incurred incident to preparing, offering, selling, issuing and delivering the 2009/2010 Bonds, including, without limitation, the fees and expenses of Bond Counsel, special counsel (if any) and financial advisor to the University, bond printing, CUSIP bureau fees, rating agency fees, escrow agent fees and recording and filing fees;

(b) the fees and expenses payable to the Registrar incident to the Registrar's acceptance of its duties under this resolution; and

(c) fees or premiums due to any Credit Facility Issuer.

Legislature means the Legislature of the State.

Letter of Representations means the blanket issuer letter of representation, signed by the Authorized Representative of the University and accepted by DTC pertaining to the payment of the 2009/2010 Bonds and the "book-entry" system for evidencing the beneficial ownership of the 2009/2010 Bonds.

Liquidity Facility means a line of credit, standby purchase agreement or other financial instrument or any combination of the foregoing, if any, which obligates a third party to make payment or to provide funds for the payment of the Purchase Price of a series of the 2009/2010 Bonds (or portion thereof). There may be more than one Liquidity Facility for a series of 2009/2010 Bonds, and the University may provide self-liquidity for a series of 2009/2010 Bonds, all as set forth in the applicable Remarketing Agreement or Trust Agreement.

Liquidity Facility Issuer means the issuer of any Liquidity Facility.

Maturity Date means the date or dates set forth in the Bond Purchase Contract, Trust Agreement, or Remarketing Agreement, as applicable.

Maximum Rate means the maximum rate for 2009/2010 Bonds set forth in the applicable Trust Agreement or Remarketing Agreement.

Mode means the Daily Mode, Weekly Mode, Commercial Paper Mode, Term Mode, or the Fixed Mode, as the context may require.

Metro Tract means the “university tract” as defined in RCW 28B.20.381 to include the tract of land in the city of Seattle, consisting of approximately ten acres, originally known as the “old university grounds,” as amended to the date of this resolution, and more recently referred to as the “metropolitan tract,” together with all buildings, improvements, facilities, and appurtenances thereon.

Metro Tract Revenue means all revenues of the University derived from operating, managing, and leasing the Metro Tract.

Moody’s means Moody’s Investors Service, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and its successors and assigns, except that if such corporation shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, then the term ***Moody’s*** shall be deemed to refer to any other nationally recognized securities rating agency (other than Fitch or S&P) selected by the Authorized Representative of the University.

MSRB means the Municipal Securities Rulemaking Board or any successor to its functions. Until otherwise designated by the MSRB or the Commission, any information or notices submitted to the MSRB in compliance with the Rule are to be submitted through the MSRB’s Electronic Municipal Market Access system (“EMMA”), currently located at www.emma.msrb.org.

Net Revenue means, with respect to any item or auxiliary revenues proposed to be added to General Revenues, revenues of such item or auxiliary less operating expenses. If the item or auxiliary revenues have previously been pledged to pay debt service on outstanding obligations of the University, the terms revenues and operating expenses shall be determined in accordance with the resolution(s) authorizing the outstanding indebtedness.

Notice Parties means, with respect to each series of the 2009/2010 Bonds, the University, the University’s financial advisor, the Registrar, any Remarketing Agent, and any Liquidity Facility Issuer or Credit Facility Issuer.

Opinion of Bond Counsel means an opinion in writing of Bond Counsel.

Other Facility means a capital facility of the University with a financing plan that has been approved by the Board.

Outstanding means, as of any particular time, all Bonds issued theretofore except:

- (a) Bonds theretofore canceled by the Registrar after purchase by the University;
- (b) Bonds for which an Irrevocable Deposit has been made, but only to the extent that the principal of and interest on such Bonds are payable from such Irrevocable Deposit; provided, that the Bonds to be paid or redeemed with such Irrevocable Deposit shall be deemed to be Outstanding for the purpose of transfers and exchanges or replacement of mutilated, lost, stolen or destroyed Bonds under the proceedings authorizing their issuance;
- (c) temporary, mutilated, lost, stolen or destroyed Bonds for which new Bonds have been issued pursuant to the resolution authorizing their issuance; and
- (d) Bonds exchanged for new Bonds pursuant to the resolution authorizing their issuance.

Notwithstanding the foregoing, 2009/2010 Bonds that are Bank Bonds shall remain outstanding until the applicable Credit Facility Issuer or Liquidity Facility Issuer is paid all amounts due on such 2009/2010 Bonds.

Participant means (a) any person for which, from time to time, DTC effects book-entry transfers and pledges of securities pursuant to the book-entry system or (b) any securities broker or dealer, bank, trust company or other person that clears through or maintains a custodial relationship with a person referred to in (a).

Payment Agreement means a written contract or agreement between or on behalf of the University and a Reciprocal Payor, which provides that the University's obligations thereunder will be conditioned on the absence of: (a) a failure by the Reciprocal Payor to make any payment required thereunder when due and payable, and (b) a default thereunder with respect to the financial status of the Reciprocal Payor; and

(1) under which the University is obligated to pay, on one or more scheduled and specified Derivative Payment Dates, the University Payments in exchange for the Reciprocal Payor's obligation to pay or to cause to be paid to the University, on the same scheduled and specified Derivative Payment Dates, the Reciprocal Payments; *i.e.*, the contract must provide for net payments;

(2) for which the University's obligations to make all or any portion of University Payments are payable from General Revenues;

(3) under which Reciprocal Payments are to be made directly into the Bond Fund;

(4) for which the University Payments are either specified to be one or more fixed amounts or are determined according to a formula set forth in the Payment Agreement; and

(5) for which the Reciprocal Payments are either specified to be one or more fixed amounts or are determined according to a formula set forth in the Payment Agreement.

Person means an individual, a corporation, a partnership, limited liability company, an association, a joint stock company, a trust, an unincorporated organization, a governmental body or a political subdivision, a municipal corporation, a public corporation or any other group or organization of individuals.

Private Person means any natural person engaged in a trade or business or any trust, estate, partnership, association, company or corporation.

Private Person Use means the use of property in a trade or business by a Private Person if such use is other than as a member of the general public. Private Person Use includes ownership of the property by the Private Person as well as other arrangements that transfer to the Private Person the actual or beneficial use of the property (such as a lease, management or incentive payment contract or other special arrangement) in such a manner as to set the Private Person apart from the general public. Use of property as a member of the general public includes attendance by the Private Person at municipal meetings or business rental of property to the Private Person on a day-to-day basis if the rental paid by such Private Person is the same as the rental paid by any Private Person who desires to rent the property. Use of property by nonprofit community groups or community recreational groups is not treated as Private Person Use if such use is incidental to the governmental uses of property, the property is made available for such use by all such community groups on an equal basis and such community groups are charged only a *de minimis* fee to cover custodial expenses.

Projects mean the acquisition of, improvements to and equipping of University facilities, including without limitation the Building Fee Revenue Bond Project and any Other Facility.

Purchase Date means the dates selected by the Authorized Representative of the University and set forth in the Trust Agreement or Remarketing Agreement, as applicable.

Purchase Price has the meaning set forth in the Trust Agreement or Remarketing Agreement, as applicable.

Rating Agency means Fitch, Moody's or S&P.

Rating Category means the generic rating categories of a Rating Agency, without regard to any refinement or gradation of such rating category by a numerical modifier or otherwise.

RCW means the Revised Code of Washington, as now in existence or hereafter amended, or any successor codification of the laws of the State.

Reciprocal Payment means any payment to be made to, or for the benefit of, the University under the Payment Agreement by the Reciprocal Payor.

Reciprocal Payor means any bank or corporation, partnership or other entity that is a party to the Payment Agreement and that is obligated to make one or more Reciprocal Payments thereunder.

Record Date means:

(a) with respect to 2009/2010 Bonds in the Fixed Mode or Term Mode, the 15th day (whether or not a Business Day) of the month next preceding each Interest Payment Date; and

(b) with respect to all other Modes, the Business Day immediately prior to the applicable Interest Payment Date.

Redemption Date means the date fixed for redemption of 2009/2010 Bonds subject to redemption in any notice of redemption given in accordance with the terms hereof or the terms of an applicable Trust Agreement, Remarketing Agreement or Bond Purchase Contract.

Redemption Price means amounts to be paid to redeem the 2009/2010 Bonds on the Redemption Date as set forth in the applicable Bond Purchase Contract, Trust Agreement, Remarketing Agreement, or Section 12(a) as applicable.

Refunded Bonds means the Refunding Candidates designated by the Authorized Representative of the University pursuant to Section 23 of this resolution.

Refunding Candidates means the bonds issued by or on behalf of the University and currently outstanding as shown on Exhibit A.

Registered Owner means the person named as the registered owner of a 2009/2010 Bond on the Bond Register. For so long as the 2009/2010 Bonds are held by a Securities Depository or its nominee, such Securities Depository shall be deemed to be the Registered Owner.

Registrar means the Fiscal Agency, whose duties include registering and authenticating the 2009/2010 Bonds, maintaining the Bond Register, registering the transfer of the 2009/2010 Bonds, paying interest on and principal of the 2009/2010 Bonds, and drawing on any Credit Facility securing 2009/2010 Bonds for such purpose, and drawing any amounts under any Credit Facility or Liquidity Facility for the purpose of paying the Purchase Price of any 2009/2010 Bonds payable pursuant to such Credit Facility or Liquidity Facility.

Reimbursement Agreement means a Reimbursement Agreement between the University and any Credit Facility Issuer or Liquidity Facility Issuer, and any and all modifications, alterations, and amendments and supplements thereto.

Remarketing Agent means one or more investment banking firms selected from time to time by the Authorized Representative of the University to serve as remarketing agent for 2009/2010 Bonds pursuant to a Remarketing Agreement.

Remarketing Agreement means a Remarketing Agreement relating to 2009/2010 Bonds between the University and any Remarketing Agent, or any similar agreement, as it may be amended or supplemented from time to time in accordance with its terms.

Rule means the Commission's Rule 15c2-12 under the Securities and Exchange Act of 1934, as amended from time to time.

Securities Depository means any clearing agency registered under Section 17A of the Securities Exchange Act of 1934, as amended.

Serial Bonds means those 2009/2010 Bonds designated as serial bonds in the Bond Purchase Contract.

Special Record Date means a special date fixed to determine the names and addresses of holders of the 2009/2010 Bonds for purposes of paying interest on a special interest payment date for defaulted or overdue interest as the case may be.

State means the state of Washington.

S&P means Standard & Poor's Ratings Services, a Division of The McGraw-Hill Companies, and its successors and assigns, except that if such corporation shall be dissolved or liquidated or shall no longer perform the functions of a securities rating agency, then the term S&P shall be deemed to refer to any other nationally recognized securities rating agency (other than Moody's or Fitch) selected by the Authorized Representative of the University.

Term Bonds means 2009/2010 Bonds, if any, designated as term bonds in the applicable Bond Purchase Contract.

Term Rate means the per annum interest rate for a series of 2009/2010 Bonds in the Term Rate Mode determined pursuant to the Remarketing Agreement or Trust Agreement for such 2009/2010 Bonds.

Term Rate Mode means the Mode during which a series of 2009/2010 Bonds bear interest at the Term Rate.

Trust Agreement means a Trust Agreement entered into between the University and a Trustee with respect to one or more series of 2009/2010 Bonds, setting forth the terms of such series of 2009/2010 Bonds.

Trustee means a bond trustee selected by the Authorized Representative of the University to act on behalf of owners of one or more series of 2009/2010 Bonds pursuant to a Trust Agreement.

2009/2010 Bonds means the 2009/2010 New Money Bonds and the 2009/2010 Refunding Bonds.

2009/2010 New Money Bonds means the University of Washington General Revenue Bonds, Series [2009/2010][___] [Taxable] issued in one or more series in the aggregate principal amount not to exceed \$150,000,000 to finance or refinance costs of the Projects pursuant to this resolution.

2009/2010 Refunding Bonds means the University of Washington General Revenue Refunding Bonds, Series [2009/2010][___] [Taxable] issued in one or more series to redeem and/or defease one or more of the Refunding Candidates on their Call Dates pursuant to this resolution.

2009/2010 Taxable Bonds means any 2009/2010 Bonds determined to be issued on a taxable basis pursuant to Section 23.

2009/2010 Tax-Exempt Bonds means any 2009/2010 Bonds determined to be issued on a tax-exempt basis pursuant to Section 23.

University means the University of Washington, a higher educational institution of the State, the main campus of which is located at Seattle, Washington.

University of Washington building account means the fund of that name into which certain Building Fees are to be deposited pursuant to RCW 28B.15.210, as amended from time to time.

University of Washington bond retirement fund means the special fund of that name created by chapter 254, Laws of 1957.

University Payment means any payment required to be made by or on behalf of the University under a Payment Agreement and which is determined according to a formula set forth in the Payment Agreement.

Weekly Mode means the Mode during which a series of the 2009/2010 Bonds bear interest at the Weekly Rate.

Weekly Rate means the per annum interest rate for a series of the 2009/2010 Bonds in the Weekly Mode determined pursuant to the Remarketing Agreement or Trust Agreement for such 2009/2010 Bonds.

Interpretation. In this resolution, unless the context otherwise requires:

(a) The terms “hereby,” “hereof,” “hereto,” “herein,” “hereunder” and any similar terms, as used in this resolution, refer to this resolution as a whole and not to any particular article, section, subdivision or clause hereof, and the term “hereafter” shall mean after, and the term “heretofore” shall mean before, the date of this resolution;

(b) Words of the masculine gender shall mean and include correlative words of the feminine and neuter genders and words importing the singular number shall mean and include the plural number and vice versa;

(c) Words importing persons shall include firms, associations, partnerships (including limited partnerships), trusts, corporations, limited liability companies and other legal entities, including public bodies, as well as natural persons;

(d) Any headings preceding the text of the several articles and sections of this resolution, and any table of contents or marginal notes appended to copies hereof, shall be solely for convenience of reference and shall not constitute a part of this resolution, nor shall they affect its meaning, construction or effect;

(e) All references herein to “articles,” “sections” and other subdivisions or clauses are to the corresponding articles, sections, subdivisions or clauses hereof.

(f) Whenever any consent or direction is required to be given by the University, such consent or direction shall be deemed given when given by the Authorized Representative of the University or his or her designee, respectively, and all references herein to the Authorized Representative of the University shall be deemed to include references to his or her designee, as the case may be.

Section 2. Findings.

The Board hereby finds as follows:

(a) It is in the best interests of the University to finance or refinance all or a portion of the costs of the Projects, through the issuance of 2009/2010 New Money Bonds in one or more series, upon the terms and conditions set forth for the 2009/2010 New Money Bonds in this resolution.

(b) It is in the best interests of the University to redeem and/or defease one or more of the Refunding Candidates, or any portion thereof, to achieve debt service savings through the issuance of 2009/2010 Refunding Bonds in one or more series, upon the terms and conditions set forth for the 2009/2010 Refunding Bonds in this resolution.

(c) It is necessary and in the best interest of the University to issue the 2009/2010 Bonds payable from General Revenues.

Section 3. Authorization and Purpose of 2009/2010 Bonds.

(a) *2009/2010 New Money Bonds.* The 2009/2010 New Money Bonds shall be in an aggregate principal amount not to exceed \$150,000,000 and shall be issued in one or more series to pay (or pay commercial paper notes issued to pay) costs of the Projects and to pay Issuance Costs. The proceeds of any Building Fee Revenue Bonds designated pursuant to Section 23 shall be applied to pay costs of the Building Fee Revenue Bond Project, plus an allocable portion of

Issuance Costs. The 2009/2010 New Money Bonds shall be issued under terms determined pursuant to Section 23, as further set forth in the Bond Purchase Contract, Remarketing Agreement and/or Trust Agreement for such series of 2009/2010 New Money Bonds; shall be numbered in the manner determined by the Registrar; and shall be issued in fully registered form in Authorized Denominations.

(a) *2009/2010 Refunding Bonds.* The 2009/2010 Refunding Bonds shall be issued in one or more series to redeem and/or defease one or more of the Refunding Candidates designated pursuant to Section 23 and to pay Issuance Costs. The 2009/2010 Refunding Bonds shall be issued under terms determined pursuant to Section 23, as further set forth in the Bond Purchase Contract, Remarketing Agreement and/or Trust Agreement for such series of 2009/2010 Refunding Bonds; shall be numbered in the manner determined by the Registrar; and shall be issued in fully registered form in Authorized Denominations.

Section 4. Description of 2009/2010 Bonds.

(a) *General Terms.* The 2009/2010 Bonds shall be dated such date, shall bear interest at such rates and in such Modes, and shall mature on the Maturity Dates, as determined pursuant to Section 23, as further set forth in the applicable Bond Purchase Contract, Remarketing Agreement or Trust Agreement for such series of 2009/2010 Bonds. The 2009/2010 Bonds shall bear interest determined within Modes selected by the Authorized Representative of the University from time to time. All 2009/2010 Bonds shall be issued in the form of fully registered 2009/2010 Bonds in Authorized Denominations and, unless the Registrar shall otherwise direct, shall be numbered R-1 and upwards.

The University may designate one or more series or subseries of the 2009/2010 Bonds from time to time. 2009/2010 New Money Bonds shall be named University of Washington General Revenue Bonds, Series [2009/2010], with an additional designation of "Taxable" for any series of 2009/2010 Taxable Bonds. 2009/2010 Refunding Bonds shall be named University of Washington General Revenue Refunding Bonds, Series [2009/2010]. At the written direction of the Authorized Representative of the University, the Registrar shall designate a particular principal amount of 2009/2010 Bonds (in Authorized Denominations) as a series or subseries. A series of 2009/2010 Bonds shall be identified by the year of issue (either 2009 or 2010) and sequential letters (e.g. Series 2009A, Series 2009B, Series 2010A, Series 2010B). A subseries of 2009/2010 Bonds shall be further identified by sequential numbers (e.g., Series 2009A-1, Series 2009A-2, Series 2010B-1, Series 2010B-2). Upon such designation, such 2009/2010 Bonds shall be a series or subseries, as applicable, for this purposes of this resolution, unless and until consolidated or changed to another series or subseries designation by written direction of the Authorized Representative of the University. All 2009/2010 Bonds of a series shall be in the same Mode, but any two series need not be in the same Mode.

(b) *Terms.* Principal of and interest and any premium on the 2009/2010 Bonds shall be payable in lawful money of the United States of America.

(c) *Modes.* The terms applicable to 2009/2010 Bonds in the Daily Mode, the Weekly Mode, the Term Mode, the Commercial Paper Mode or the Fixed Mode, and provisions for

conversions among such Modes, shall be as provided in the applicable Remarketing Agreement or Trust Agreement, as applicable.

(d) *Determinations Conclusive.* If the 2009/2010 Bonds of a series are in the Daily Mode, the Weekly Mode, the Term Mode, the Commercial Paper Mode or the Fixed Mode, the Interest Rates determined as provided in the Remarketing Agreement or Trust Agreement, as applicable, shall be conclusive.

(e) *Maximum Rate.* No 2009/2010 Bond, other than a Bank Bond, shall bear interest at an Interest Rate higher than the Maximum Rate.

Section 5. Execution.

The 2009/2010 Bonds shall be executed on behalf of the University by the manual or facsimile signatures of the President and the Secretary or Treasurer of the Board, and the official seal of the University shall be reproduced thereon. The validity of any 2009/2010 Bond so executed shall not be affected by the fact that one or more of the officers whose signatures appear on such 2009/2010 Bond have ceased to hold office at the time of issuance or authentication or at any time thereafter.

Section 6. Authentication.

No 2009/2010 Bonds shall be valid for any purpose hereunder until the certificate of authentication printed thereon is duly executed by the manual signature of an authorized signatory of the Registrar. Such authentication shall be proof that the Registered Owner is entitled to the benefit of the trusts hereby created.

Section 7. Registration, Transfer and Exchange.

(a) *Registrar.* The 2009/2010 Bonds shall be issued only in registered form as to both principal and interest. The University hereby appoints the fiscal agency of the State as the Registrar for the 2009/2010 Bonds. The University shall cause a bond register to be maintained by the Registrar. So long as any 2009/2010 Bonds remain Outstanding, the Registrar shall make all necessary provisions to permit the exchange or registration of transfer of 2009/2010 Bonds at its principal corporate trust office. The Registrar may be removed at any time at the option of the Treasurer of the University and a successor Registrar appointed by the Authorized Representative of the University. Any successor Registrar must be a commercial bank with trust powers or a trust company. No resignation or removal of the Registrar shall be effective until a successor shall have been appointed and until the successor Registrar shall have accepted the duties of the Registrar hereunder. The Registrar is authorized, on behalf of the University, to authenticate and deliver 2009/2010 Bonds transferred or exchanged in accordance with the provisions of such 2009/2010 Bonds and this resolution and to carry out all of the Registrar's powers and duties under this resolution. The Registrar shall be responsible for its representations contained in the Certificate of Authentication on the 2009/2010 Bonds.

The Registrar shall keep, or cause to be kept, at its principal corporate trust office, sufficient books for the registration and transfer of the 2009/2010 Bonds which shall at all times be open to inspection by the University (the “Bond Register”).

(b) *Letter of Representations/Book-Entry System.* To induce DTC to accept the 2009/2010 Bonds as eligible for deposit at DTC, the University has executed and delivered the Letter of Representations. The 2009/2010 Bonds initially issued shall be held in fully immobilized form by DTC acting as depository pursuant to the terms and conditions set forth in the Letter of Representations.

(c) *University and Registrar Not Responsible for DTC.* Neither the University nor the Registrar will have any responsibility or obligation to DTC participants or the persons for whom they act as nominees with respect to the 2009/2010 Bonds in respect of the accuracy of any records maintained by DTC or any DTC participant, the payment by DTC or any DTC participant of any amount in respect of the principal or redemption price of or interest on the 2009/2010 Bonds, any notice which is permitted or required to be given to Registered Owners under this resolution (except such notices as shall be required to be given by the University to the Registrar or to DTC), the selection by DTC or any DTC participant of any person to receive payment in the event of a partial redemption of the 2009/2010 Bonds or any consent given or other action taken by DTC as the Registered Owner.

(d) *DTC as Registered Owner.* Payment of any such 2009/2010 Bond shall be made only as described in this section, but the transfer of such ownership may be registered as herein provided. All such payments made as described in this section shall be valid and shall satisfy and discharge the liability of the University upon such 2009/2010 Bond to the extent of the amount or amounts so paid. Except as provided in Section 27, the University and the Registrar shall be entitled to treat the Securities Depository (as Registered Owner) as the absolute owner of all 2009/2010 Bonds for all purposes of this resolution and any applicable laws, notwithstanding any notice to the contrary received by the Registrar or the University. Neither the University nor the Registrar will have any responsibility or obligation under this resolution or the 2009/2010 Bonds, legal or otherwise, to any other party including DTC or its successor (or substitute Securities Depository or its successor), except to the Registered Owners.

(e) *Use of DTC/Book-Entry System.*

(1) *2009/2010 Bonds Registered in the Name Designated by DTC.* The 2009/2010 Bonds shall be registered initially in the name of “CEDE & Co.,” as nominee of DTC, (or such other name as may be requested by an authorized representative of DTC) with one 2009/2010 Bond maturing on each maturity date in a denomination corresponding to the total principal therein designated to mature on such date. Registered ownership of such immobilized 2009/2010 Bonds, or any portions thereof, may not thereafter be transferred except (A) to any successor of DTC or its nominee, *provided that* any such successor shall be qualified under any applicable laws to provide the service proposed to be provided by it; (B) to any substitute Securities Depository appointed by the Authorized Representative of the University pursuant to subsection (2) below or such substitute Securities Depository’s successor; or (C) to any person as provided in paragraph (4) below.

(2) *Substitute Depository.* Upon the resignation of DTC or its successor (or any substitute Securities Depository or its successor) from its functions as Securities Depository or a determination by the Authorized Representative of the University that it is no longer in the best interest of Beneficial Owners to continue the system of book entry transfers through DTC or its successor (or any substitute Securities Depository or its successor), the Authorized Representative of the University may hereafter appoint a substitute Securities Depository. Any such substitute Securities Depository shall be qualified under any applicable laws to provide the services proposed to be provided by it.

(3) *Issuance of New 2009/2010 Bonds to Successor/Substitute Depository.* In the case of any transfer pursuant to clause (A) or (B) of paragraph (e)(1) above, the Registrar shall, upon receipt of all outstanding 2009/2010 Bonds, together with a written request on behalf of the Authorized Representative of the University, issue a single new 2009/2010 Bond for each maturity of such 2009/2010 Bonds then Outstanding, registered in the name of such successor or such substitute Securities Depository, or their nominees, as the case may be, all as specified in such written request of the Authorized Representative of the University.

(4) *Termination of Book-Entry System.* In the event that (A) DTC or its successor (or substitute Securities Depository or its successor) resigns from its functions as Securities Depository, and no substitute Securities Depository can be obtained, or (B) the Authorized Representative of the University determines that it is in the best interest of the Beneficial Owners of the 2009/2010 Bonds that they be able to obtain 2009/2010 Bond certificates, the ownership of 2009/2010 Bonds may then be transferred to any person or entity as herein provided, and the 2009/2010 Bonds shall no longer be held in fully immobilized form. The Authorized Representative of the University shall deliver a written request to the Registrar, together with a supply of definitive 2009/2010 Bonds, to issue 2009/2010 Bonds as herein provided in any Authorized Denomination. Upon receipt of all then Outstanding 2009/2010 Bonds by the Registrar together with a written request on behalf of the Authorized Representative of the University to the Registrar, new 2009/2010 Bonds shall be issued in such Authorized Denominations and registered in the names of such persons as are requested in such written request.

(f) *Transfer or Exchange of Registered Ownership; Change in Denominations.* If the 2009/2010 Bonds are no longer held in immobilized, book-entry form, the transfer of ownership of any 2009/2010 Bond may be registered and such 2009/2010 Bonds may be exchanged, but no transfer of any 2009/2010 Bond shall be valid unless it is surrendered to the Registrar with the assignment form appearing on such 2009/2010 Bond duly executed by the Registered Owner or such Registered Owner's duly authorized agent in a manner satisfactory to the Registrar. Upon such surrender, the Registrar shall cancel the surrendered 2009/2010 Bond and shall authenticate and deliver, without charge to the Registered Owner or transferee therefor, a new 2009/2010 Bond (or 2009/2010 Bonds at the option of the new Registered Owner) of the same date, designation, if any, maturity date and interest rate and for the same aggregate principal amount in any Authorized Denomination, naming as Registered Owner the person or persons listed as the assignee on the assignment form appearing on the surrendered 2009/2010 Bond, in exchange for such surrendered and canceled 2009/2010 Bond. Any 2009/2010 Bond may be surrendered to

the Registrar and exchanged, without charge, for an equal aggregate principal amount of 2009/2010 Bonds of the same date, maturity date and interest rate, in any Authorized Denomination. The Registrar shall not be obligated to transfer or exchange any 2009/2010 Bond during the five-day period prior to the selection of 2009/2010 Bonds for redemption or the maturity date or following any mailing of notice of redemption. No charge shall be imposed upon Registered Owners in connection with any transfer or exchange, except for taxes or governmental charges related thereto.

(g) *Registration Covenant.* The University covenants that, until all 2009/2010 Bonds of a series have been surrendered and canceled, it will maintain a system for recording the ownership of each 2009/2010 Bond of that series that complies with the provisions of Section 149 of the Code.

Section 8. Mutilated, Destroyed, Lost or Stolen 2009/2010 Bonds.

If any 2009/2010 Bond is lost, stolen or destroyed, the University may execute and the Registrar may authenticate and deliver a new 2009/2010 Bond or 2009/2010 Bonds of like series, date and tenor to the Registered Owner thereof, all in accordance with law. However, no substitution or payment shall be made unless and until the applicant shall furnish (a) evidence satisfactory to said Registrar and Authorized Representative of the University of the destruction or loss of the original 2009/2010 Bond and of the ownership thereof, and (b) such additional security, indemnity or evidence as may be required by the Authorized Representative of the University. No substitute 2009/2010 Bond shall be furnished unless the applicant shall reimburse the University and the Registrar for their respective expenses in the furnishing thereof. Any such substitute 2009/2010 Bond so furnished shall be equally and proportionately entitled to the security of this resolution with all other 2009/2010 Bonds issued hereunder.

Section 9. Payments of Principal, Redemption Price and Interest; Persons Entitled Thereto.

(a) *Payments of Principal, Interest, Purchase and Redemption Prices.* The principal or Redemption Price of each 2009/2010 Bond shall be payable upon surrender or delivery of such 2009/2010 Bond to the Registrar. For so long as DTC is the Registered Owner, interest and principal shall be paid and delivery shall be made as described in the operational arrangements referred to in the Letter of Representations and pursuant to DTC's standard procedures.

(b) *Accrual of Interest.* Subject to the further provisions of this section, each 2009/2010 Bond shall accrue interest and be payable as to interest as follows:

(1) On each Interest Payment Date, the Registered Owner of each 2009/2010 Bond as of the Record Date shall be paid the amount of unpaid interest that accrues during the Interest Accrual Period. If and to the extent, however, that the University fails to make payment or provision for payment of interest on any 2009/2010 Bond on any Interest Payment Date, interest shall continue to accrue thereon, and shall be payable to the Registered Owner of that 2009/2010 Bond as of the Special Record Date. The Registrar shall establish the Special Record Date for all other 2009/2010 Bonds when moneys become available for payment of interest on

the Bonds, and shall be a date not more than 15 nor fewer than 10 days prior to the date of the proposed payment. The Registrar shall give notice by first-class mail of the proposed payment and of the Special Record Date to each Registered Owner not fewer than 10 days prior to the Special Record Date and, thereafter, such interest shall be payable to the Registered Owner of such 2009/2010 Bonds as of the Special Record Date.

(2) The interest due on any 2009/2010 Bond on any Interest Payment Date shall be paid to the Registered Owner of such 2009/2010 Bond as shown on the Bond Register as of the Record Date. The amount of interest so payable on any Interest Payment Date shall be computed (A) on the basis of a 365- or 366-day year for the number of days actually elapsed based on the calendar year for 2009/2010 Bonds in the Daily Mode, Commercial Paper Mode or Weekly Mode, and (B) on the basis of a 360-day year of twelve 30-day months during a Term Mode or a Fixed Mode.

(3) If 2009/2010 Bonds of a series are no longer held by a Securities Depository, during the Term Mode or Fixed Mode, the interest, principal or Redemption Price of the 2009/2010 Bonds shall be payable by check, provided that any Registered Owner of \$1,000,000 or more in aggregate principal amount of the 2009/2010 Bonds, upon written request given to the Registrar at least five Business Days prior to the Interest Payment Date, Maturity Date or Redemption Date designating an account in a domestic bank, may be paid by wire transfer of immediately available funds. If the 2009/2010 Bonds of a series are no longer held by a Securities Depository, all payments of interest, principal or the Redemption Price on the 2009/2010 Bonds during the Commercial Paper Mode, Daily Mode, or Weekly Mode shall be paid to the Registered Owners entitled thereto on the Interest Payment Date in immediately available funds by wire transfer to a bank within the continental United States or deposited to a designated account if such account is maintained with the Registrar as directed by the Registered Owner in writing or as otherwise directed in writing by the Registered Owner on or prior to the applicable Record Date.

Any account specified pursuant to paragraph (3) hereof shall remain in effect until revoked or revised by the Registered Owner, the Credit Facility Issuer or Liquidity Facility Issuer by an instrument in writing delivered to the Registrar.

Section 10. Acts of Registered Owners; Evidence of Ownership .

Any action to be taken by Registered Owners may be evidenced by one or more concurrent written instruments of similar tenor signed or executed by such Registered Owners in person or by an agent appointed in writing. The fact and date of the execution by any Person of any such instrument may be proved by acknowledgment before a notary public or other officer empowered to take acknowledgments or by an affidavit of a witness to such execution or by any other method satisfactory to the Registrar. Any action by the Registered Owner of any 2009/2010 Bond shall bind all future Registered Owners of the same 2009/2010 Bond or of any 2009/2010 Bond issued upon the exchange or registration of transfer thereof in respect of anything done or suffered by the University or the Registrar in pursuance thereof.

Except as provided in any Reimbursement Agreement or Credit Facility, the Registrar and the University may treat the Registered Owner of a 2009/2010 Bond as the absolute owner thereof for all purposes, whether or not such 2009/2010 Bond shall be overdue, and the Registrar and the University shall not be affected by any knowledge or notice to the contrary; and payment of the principal of and premium, if any, and interest on such 2009/2010 Bond shall be made only to such Registered Owner, which payments shall satisfy and discharge the liability of the University with respect to such 2009/2010 Bond to the extent of the sum or sums so paid.

Section 11. Form of 2009/2010 Bonds.

The 2009/2010 Bonds shall each be in substantially the following form, with appropriate or necessary insertions, depending upon the omissions and variations as permitted or required hereby. If the 2009/2010 Bonds are no longer held in fully-immobilized form, the form of 2009/2010 Bonds will be changed to reflect the changes required in connection with the preparation of certificated 2009/2010 Bonds. The form of the 2009/2010 Bonds shall further be changed as necessary to reflect whether the 2009/2010 Bonds are 2009/2010 New Money Bonds or 2009/2010 Refunding Bonds, whether the 2009/2010 Bonds are 2009/2010 Tax-Exempt Bonds or 2009/2010 Taxable Bonds, any series or subseries designation for the 2009/2010 Bonds and the Current Mode of the 2009/2010 Bonds.

No. R-_____

\$_____

UNITED STATES OF AMERICA

[STATEMENT OF INSURANCE, IF ANY]

UNIVERSITY OF WASHINGTON

GENERAL REVENUE [REFUNDING] BOND, 2009/2010[_____] [Taxable]

MATURITY DATE:

ISSUE DATE

CUSIP

REGISTERED OWNER: CEDE & CO.

PRINCIPAL AMOUNT:

The University of Washington (the "University") hereby acknowledges itself to owe and for value received promises to pay to the Registered Owner identified above, or registered assigns, on the Maturity Date identified above, the Principal Amount indicated above and to pay interest thereon from _____, _____, or the most recent date to which interest has been paid or duly provided for until payment of this bond at the Interest Rate set forth above, payable on the first days of each _____ and _____, commencing on _____ 1, 20____. Both principal of and interest on this bond are payable in lawful money of the United States of America. For so long as the bonds of this issue are held in fully immobilized form, payments of principal and interest thereon shall be made as provided in accordance with the operational

arrangements of The Depository Trust Company (“DTC”) referred to in the Blanket Issuer Letter of Representations (the “Letter of Representations”) from the University to DTC. The fiscal agency of the state of Washington is acting as the registrar, authenticating agent and paying agent for the bonds of this issue (the “Bond Registrar”).

This bond is issued pursuant to a resolution of the Board of Regents of the University (the “Bond Resolution”) to [finance or refinance costs of the Projects][refund certain outstanding bonds], and to pay costs of issuance.

This bond is payable solely from General Revenues of the University, and the University does hereby pledge and bind itself to set aside from such General Revenues, and to pay into the General Revenue Bond Redemption Fund, 2009 (the “Bond Fund”) the various amounts required by the Bond Resolution to be paid into and maintained in such Fund, all within the times provided by the Bond Resolution. Interest on this bond shall accrue at Daily Rates, Weekly Rates, Commercial Paper Rates, Term Rates or Fixed Rates, payable on Interest Payment Dates, all as provided in the Bond Resolution.

The bonds of this issue are subject to redemption prior to their scheduled maturity under the terms of the bond purchase contract for such bonds.

[The bonds of this issue are not private activity bonds and are not “qualified tax exempt obligations” eligible for investment by financial institutions within the meaning of Section 265(b) of the Internal Revenue Code of 1986, as amended.]

Except as otherwise provided in the Bond Resolution, this bond shall not be entitled to any right or benefit under the Bond Resolution, or be valid or become obligatory for any purpose, until this bond shall have been authenticated by execution by the Registrar of the certificate of authentication inscribed hereon.

It is hereby certified, recited and represented that the issuance of this bond and the 2009/2010 Bonds of this issue is duly authorized by law; that all acts, conditions and things required to exist and necessary to be done or performed precedent to and in the issuance of this bond and the 2009/2010 Bonds of this issue to render the same lawful, valid and binding have been properly done and performed and have happened in regular and due time, form and manner as required by law; that all acts, conditions and things necessary to be done or performed by the University or to have happened precedent to and in the execution and delivery of the Bond Resolution have been done and performed and have happened in regular and due form as required by law; that due provision has been made for the payment of the principal of and premium, if any, and interest on this bond and the 2009/2010 Bonds of this issue and that the issuance of this bond and the 2009/2010 Bonds of this issue does not contravene or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, the University of Washington has caused this bond to be executed with the manual or facsimile signatures of the President and [Secretary of the Board of Regents][Treasurer of the University] and caused a facsimile of the official seal of the University to be reproduced hereon.

UNIVERSITY OF WASHINGTON

(SEAL)

By _____
President, Board of Regents

ATTEST:

By _____
[Secretary, Board of Regents]
[Treasurer of the University]

The Certificate of Authentication for the 2009/2010 Bonds shall be in substantially the following form and shall appear on each 2009/2010 Bond:

AUTHENTICATION CERTIFICATE

This bond is one of the University of Washington General Revenue [Refunding] Bonds, Series [2009/2010][___] described in the within-mentioned Bond Resolution.

WASHINGTON STATE FISCAL
AGENCY, as Registrar

By _____
Authorized Signatory

Date of Authentication: _____

Section 12. Redemption.

(a) *Optional Redemption.* 2009/2010 Bonds in a Term Mode or Fixed Mode shall be subject to redemption at the option of the University, in whole or in part, in Authorized Denominations on such dates and at such prices as determined by the University for such 2009/2010 Bonds as set forth in the respective Bond Purchase Contract, Trust Agreement and/or Remarketing Agreement, as applicable. 2009/2010 Bonds in the Commercial Paper Mode are not subject to optional redemption prior to their respective Purchase Dates. Commercial Paper Bonds shall be subject to redemption at the option of the University, in whole or in part in principal amounts that permit all remaining Outstanding Bonds of the same series or subseries to continue in Authorized Denominations, on their respective Purchase Dates at a redemption price equal to the principal amount thereof. 2009/2010 Bonds of a series in the Daily Mode or the Weekly Mode shall be subject to redemption at the option of the University, in whole or in part, in principal amounts which permit all remaining Outstanding Bonds of the same series or

subseries to continue in Authorized Denominations, on any date at a redemption price equal to the principal amount thereof. Bank Bonds shall be subject to redemption as set forth in the applicable Reimbursement Agreement.

(b) *Mandatory Redemption.* If the 2009/2010 Bonds of a series are issued in the Fixed Mode, any Term Bonds shall be subject to mandatory redemption prior to their maturity by the Registrar in part, in the years and in the amounts set forth in the applicable Bond Purchase Contract (subject to reductions arising from the University's acquisition and surrender or the optional redemption of 2009/2010 Bonds, all as described in the next paragraph) at a redemption price equal to 100% of the principal amount thereof, plus accrued interest to the Redemption Date. If the 2009/2010 Bonds of a series are issued in a Daily Mode, Weekly Mode or Commercial Paper Mode and converted to the Fixed Mode or Term Mode, the Maturity Date of the 2009/2010 Bonds of that series (other than Bank Bonds) may be converted in whole or in part to Serial Bonds and/or Term Bonds upon delivery of a Favorable Opinion of Bond Counsel prior to the commencement of the Term Mode or Fixed Mode for such 2009/2010 Bonds and if so converted to Term Bonds shall be subject to mandatory sinking fund redemption as determined by the University pursuant to the Remarketing Agreement or Trust Agreement, as applicable.

(c) *Selection of 2009/2010 Bonds for Redemption.* Whenever the University elects to redeem fewer than all of the 2009/2010 Bonds of a series, the University shall select the maturity or maturities to be redeemed. Whenever fewer than all the Outstanding 2009/2010 Bonds of a series and maturity are to be redeemed, the 2009/2010 Bonds to be redeemed shall be selected in accordance with the operational arrangements of DTC referred to in the Letter of Representations (or, in the event the 2009/2010 Bonds of a series are no longer in book-entry only form, randomly by the Registrar). In no event shall any Bond be Outstanding in a principal amount that is not an Authorized Denomination.

(d) *Notice of Redemption.* For so long as the book entry-system is in effect with respect to a series, notice of redemption shall be provided in accordance with the operational arrangements of DTC referred to in the Letter of Representations, and no additional published or other notice shall be provided by the University; *provided, however*, that the Credit Facility Issuer, if any, or Liquidity Facility Issuer, if any, shall be given prior written notice of any proposed redemption of 2009/2010 Bonds. In any event, notice of redemption shall be given by the University to the Registrar who shall give notice to DTC at least 30 days prior to the proposed date of redemption during the Term Mode or Fixed Mode and at least 15 days prior to the proposed date of redemption during any other Mode.

(e) *Effect of Redemption.* If notice of redemption has been duly given and, in the case of an optional redemption, money for the payment of the Redemption Price of the 2009/2010 Bonds or portions thereof to be redeemed is held by the Registrar, then on the Redemption Date the 2009/2010 Bonds or portions thereof so called for redemption shall become payable at the Redemption Price specified in such notice; and from and after the Redemption Date, interest thereon or on portions thereof so called for redemption shall cease to accrue, such 2009/2010 Bonds or portions thereof shall cease to be Outstanding and to be entitled to any benefit, protection or security hereunder or under an applicable Trust Agreement,

and the Owners of such 2009/2010 Bonds or portions thereof shall have no rights in respect thereof except to receive payment of the Redemption Price upon delivery of such 2009/2010 Bonds to the Registrar. Notwithstanding the foregoing, any Bank Bonds shall remain Outstanding until the Credit Facility Issuer or Liquidity Facility Issuer, as the case may be, is paid all amounts due in connection with such 2009/2010 Bonds or portions thereof to be redeemed on the Redemption Date. After payment to the Credit Facility Issuer or Liquidity Facility Issuer, as the case may be, of all amounts due on Bank Bonds such Credit Facility Issuer or Liquidity Facility Issuer shall surrender such 2009/2010 Bonds to the Registrar for cancellation.

Section 13. Bond Fund.

The Controller of the University is hereby authorized and directed to establish the Bond Fund as a special fund of the University to be designated as the General Revenue Bond Redemption Fund, 2009 (the "Bond Fund"). The University covenants to deposit into the Bond Fund from General Revenues on or prior to each interest payment date, redemption date and maturity date an amount sufficient to pay the interest on the 2009/2010 Bonds then coming due and the principal of the 2009/2010 Bonds maturing or subject to redemption and redemption premium, if any. Such payments shall be made in sufficient time to enable the Registrar to pay interest on and/or principal of and redemption price of the 2009/2010 Bonds to the Registered Owners, when due. Net income earned on investments in the Bond Fund, if any, shall be deposited in the Bond Fund.

Section 14. Application of 2009/2010 Bond Proceeds.

(a) *2009/2010 New Money Bonds.* The proceeds of the 2009/2010 New Money Bonds shall be paid into the Capital Fund (hereinafter authorized to be created). The Authorized Representative of the University is hereby authorized and directed to create a special fund or account of the University, designated as the "University of Washington Capital Fund, 2009" (the "Capital Fund"). The money on deposit in the Capital Fund shall be utilized to pay or reimburse the University for costs of the Projects and costs incidental thereto, and Issuance Costs, to the extent designated by the Authorized Representative of the University. Money on deposit in the Capital Fund representing proceeds of any Building Fee Revenue Notes shall be applied to pay costs of the Building Fee Revenue Bond Project, plus an allocable portion of Issuance Costs.

All or part of the proceeds of the 2009/2010 New Money Bonds may be temporarily invested in or with such institutions or in such obligations as may now or hereafter be permitted to the University by law that will mature prior to the date on which such money shall be needed.

In the event that it shall not be possible or practicable to accomplish all of the Projects, the University may apply the proceeds of the 2009/2010 New Money Bonds to pay the costs of such portion thereof or such other projects as the Authorized Representative of the University shall determine to be in the best interests of the University.

Any part of the proceeds of the 2009/2010 New Money Bonds remaining in the Capital Fund after all costs referred to in this section have been paid may be used to acquire, construct, equip and make other improvements to the facilities of the University subject to the limitations

of this resolution or may be transferred to the Bond Fund for the uses and purposes therein provided.

(b) *2009/2010 Refunding Bonds.* The proceeds of each series of 2009/2010 Refunding Bonds shall be disbursed as provided in the related Escrow Agreement and/or Trust Agreement to redeem and/or defease the Refunding Candidates to their Call Dates through the application of proceeds of the 2009/2010 Refunding Bonds to acquire Acquired Obligations for deposit, together with cash, as provided in such Escrow Agreement and/or Trust Agreement.

Section 15. Source of Repayment and Security for 2009/2010 Bonds.

(a) *Special Fund Obligations.* The 2009/2010 Bonds shall be special fund obligations of the University, payable solely from General Revenues and the money and investments deposited into the Bond Fund. In addition, any Building Fee Revenue Bonds are payable first from money and investments in the University of Washington bond retirement account. The 2009/2010 Bonds shall not constitute an obligation, either general, special or moral, of the State, nor a general or moral obligation of the University. The Registered Owners of the 2009/2010 Bonds shall have no right to require the State, nor has the State any obligation or legal authorization, to levy any taxes or appropriate or expend any of its funds for the payment of the principal thereof or the interest or any premium thereon. The University has no taxing power.

(b) *All Bonds Have Equal Claim on General Revenues.* The Bonds shall be equally and ratably payable, without preference, priority or distinction because of date of issue or otherwise from General Revenues.

(c) *Additions to General Revenues.* (1) The University reserves the right to include in General Revenues, at its sole option, in the future, other sources of revenue or income, specifically including, but not limited to, all or any portion of the items or any auxiliary systems added pursuant to subsection (2) of this Section 15, then excluded as part of General Revenues. (2) Such additions shall occur on the date and as provided in a certificate executed by the Controller of the University (or the successor to the functions of the Controller). The Controller shall, in the case of additions of items or auxiliaries to General Revenues, certify that for the preceding two Fiscal Years for which audited financial statements are available, the item or auxiliary maintained a "coverage ratio" of at least 125%, where the "coverage ratio" equals: (A) Net Revenue (for those items or auxiliaries whose debt has a lien on Net Revenues) or gross revenues (for those items or auxiliaries whose debt has a lien on gross revenues), divided by (B) debt service with respect to the then-outstanding revenue debt of the auxiliary or item and state-reimbursed bonds allocable to such auxiliary or item. In the event an auxiliary or item is added to General Revenues, the obligations of that auxiliary or item may remain outstanding and have a prior claim on auxiliary Net Revenue.

(d) *Deletions from General Revenues.* The University reserves the right to remove, at its sole option, in the future, any revenues from General Revenues. The removal of General Revenues shall be evidenced by a certificate executed by the Controller of the University (or the successor to the functions of the Controller) identifying the items to be deleted.

(e) *Building Fee Revenue Bonds.* If any of the 2009/2010 Bonds are designated as Building Fee Revenue Bonds pursuant to Section 23, such Building Fee Revenue Bonds shall be payable from and secured by a pledge of any or all of the revenues and receipts of the University of Washington bond retirement fund. In addition, Building Fee Revenue Bonds shall be payable from General Revenue and money and investments in the Bond Fund.

The Board hereby covenants to establish, maintain and collect Building Fees in such amounts that will provide money sufficient to pay the principal of and interest on all bonds, including any Building Fee Revenue Bonds, payable out of the University of Washington bond retirement fund, to set aside and maintain reserves, if any, required to secure the payment of such principal and interest, and to maintain coverage, if any, which may be required over such principal and interest. The Board hereby orders that in the event there is ever an insufficient amount of money in the University of Washington bond retirement fund to pay principal of or interest on any Building Fee Revenue Bond when due, moneys shall be transferred from the University of Washington building account to the University of Washington bond retirement fund.

Amounts on deposit in the University of Washington bond retirement fund shall be invested as permitted by law. Any money on deposit in the University of Washington bond retirement fund in excess of the debt service to be paid therefrom for a period of three years may be transferred to the University of Washington building account as permitted by the Building Fee Revenue Bond Act.

Building Fee Revenue Bonds shall not be general or special obligations of the state of Washington, but shall be limited obligation bonds of the University payable only from Building Fees, money and investments in the University of Washington bond retirement fund, General Revenues and money and investments in the Bond Fund.

Section 16. Investment of Funds.

The University covenants to invest and reinvest money deposited in Bond Fund only in those investments in which agencies of the State are authorized to invest pursuant to State law.

Section 17. Establishment of Additional Accounts and Subaccounts.

The University reserves the right, to be exercised in its sole discretion, to establish such additional accounts within the funds established pursuant to this resolution, and subaccounts within such accounts, as it deems necessary or useful for the purpose of identifying more precisely the sources of payments herein and disbursements therefrom; provided that the establishment of any such account or subaccount does not alter or modify any of the requirements of this resolution with respect to a deposit or use of money or result in commingling of funds not permitted hereunder.

Section 18. Additional Bonds.

The University shall have the right to issue one or more series of Additional Bonds for University purposes as permitted under the Bond Act, the Building Fee Revenue Bond Act or otherwise under State law, and the costs of issuing Additional Bonds, or to refund or advance refund any Bonds or other obligations. The University shall have the right to designate one or more series of Additional Bonds as Building Fee Revenue Bonds payable from and secured by the Building Fee and money and investments in the University of Washington bond retirement fund on a parity with the lien thereon of outstanding Building Fee Revenue Bonds to the extent permitted by the Building Fee Revenue Bond Act. The University shall have the further right to pledge Building Fees and moneys and investments in the University of Washington bond retirement fund to pay additional bonds payable from and secured solely by such Building Fees and moneys and investments on a parity with the lien thereon of outstanding Building Fee Revenue Bonds.

Section 19. Covenants Regarding Tax Exemption.

The University covenants and agrees that in accordance with the Federal Tax Certificate for each series of 2009/2010 Tax-Exempt Bonds:

(a) it will not make any use of the proceeds from the sale of the applicable series of 2009/2010 Tax-Exempt Bonds or any other funds of the University which may be deemed to be proceeds of such 2009/2010 Tax-Exempt Bonds pursuant to Section 148 of the Code and the applicable regulations thereunder which will cause that series of the 2009/2010 Tax-Exempt Bonds to be "arbitrage bonds" within the meaning of said Section and said regulations. The University will comply with the applicable requirements of Section 148 of the Code (or any successor provision thereof applicable to the applicable series of 2009/2010 Tax-Exempt Bonds) and the applicable regulations thereunder throughout the term of the 2009/2010 Tax-Exempt Bonds; and

(b) it will not take any action or permit any action to be taken that would cause the 2009/2010 Tax-Exempt Bonds of a series to constitute "private activity bonds" under Section 141 of the Code.

(c) it will not permit:

(1) More than 10% of the net proceeds of the 2009/2010 Tax-Exempt Bonds of a series to be used for any Private Person Use; and

(2) More than 10% of the principal or interest payments on the 2009/2010 Tax-Exempt Bonds of a series in a Bond Year to be directly or indirectly: (A) secured by any interest in property used or to be used for any Private Person Use or secured by payments in respect of property used or to be used for any Private Person Use, or (B) derived from payments (whether or not made to the University) in respect of property, or borrowed money, used or to be used for any Private Person Use.

The University further covenants that, if:

(3) More than five percent of the net proceeds of the 2009/2010 Tax-Exempt Bonds of a series are to be used for any Private Person Use; and

(4) More than five percent of the principal or interest payments on that series of 2009/2010 Tax-Exempt Bonds in a Bond Year are (under the terms of this resolution or any underlying arrangement) directly or indirectly: (A) secured by any interest in property used or to be used for any Private Person Use or secured by payments in respect of property used or to be used for any Private Person Use, or (B) derived from payments (whether or not made to the University) in respect of property, or borrowed money, used or to be used for any Private Person Use, then, (i) any Private Person Use of the projects described in subsection (3) hereof or Private Person Use payments described in subsection (4) hereof that is in excess of the five percent limitations described in such subsections (3) or (4) will be for a Private Person Use that is related to the state or local governmental use of the project refinanced with the applicable series of 2009/2010 Tax-Exempt Bond proceeds, and (ii) any Private Person Use will not exceed the amount of net proceeds of the applicable series of 2009/2010 Tax-Exempt Bonds used for the state or local governmental use portion of the projects to which the Private Person Use of such portion of such project relates. The University further covenants that it will comply with any limitations on the use of the projects being refinanced by a series of the 2009/2010 Tax-Exempt Bonds by other than state and local governmental users that are necessary, in the opinion of its bond counsel, to preserve the tax exemption of the interest on the applicable series of 2009/2010 Tax-Exempt Bonds. The covenants of this section are specified solely to assure the continued exemption from regular income taxation of the interest on the 2009/2010 Tax-Exempt Bonds of each applicable series.

Section 20. No Recourse Against Individuals.

No owner of a 2009/2010 Bond (registered or beneficial) shall have any recourse for the payment of any part of the principal or redemption price, if any, of or interest on the 2009/2010 Bonds, or for the satisfaction of any liability arising from, founded upon, or existing by reason of, the issuance or ownership of such 2009/2010 Bonds against the officers of the University or officers or members of the Board in their individual capacities.

Section 21. Defeasance.

Any 2009/2010 Bonds shall be deemed to have been paid and not Outstanding under this resolution and shall cease to be entitled to any lien, benefit or security of this resolution and any money and investments held hereunder, except the right to receive the money and the proceeds and income from Government Obligations set aside and pledged in the manner hereafter described, if:

(a) in the event that any or all of 2009/2010 Bonds are to be optionally redeemed, the University shall have given to the Registrar irrevocable instructions to give such notice of redemption of such 2009/2010 Bonds as may be required by the provisions of this resolution; and

(b) there shall have been made an Irrevocable Deposit, in trust, with the Registrar or another corporate fiduciary of money in an amount which shall be sufficient and/or noncallable Government Obligations maturing at such time or times and bearing such interest to be earned thereon, without considering any earnings on the reinvestment thereof, as will provide a series of payments which shall be sufficient, together with any money initially deposited, to provide for the payment of the principal of and the interest on the defeased 2009/2010 Bonds, when due in accordance with their terms, or upon the earlier prepayment thereof in accordance with a refunding plan; and such money and the principal of and interest on such Government Obligations are set aside irrevocably and pledged in trust for the purpose of effecting such payment, redemption or prepayment.

Nothing contained in this Section 21 shall be construed to prohibit the partial defeasance of the lien of this resolution providing for the payment of one or more, but not all of the Outstanding 2009/2010 Bonds. In the event of such partial defeasance, this resolution shall be discharged only as to the 2009/2010 Bonds so defeased.

Section 22. Approval of Official Statement.

The University hereby authorizes and directs the Authorized Representative of the University to approve the information contained in each Preliminary Official Statement, if any, pertaining to a series of the 2009/2010 Bonds, to “deem final” a Preliminary Official Statement, if any, as of its date, except for the omission of information on offering prices, interest rates, selling compensation, delivery dates and any other terms or provisions of the 2009/2010 Bonds dependent on such matters, for the sole purpose of the applicable underwriter’s compliance with the Rule and to authorize the distribution thereof to prospective purchasers of the series of 2009/2010 Bonds and others. The University further authorizes and directs any of such officers to approve the preparation, distribution and use of a Final Official Statement and to approve the information contained therein, in connection with the public offering and sale of the applicable series of 2009/2010 Bonds to the actual purchasers of the 2009/2010 Bonds and others. The University hereby authorizes any of such officers to execute each Final Official Statement described above to indicate such approval.

Section 23. Determination of Certain Matters Affecting 2009/2010 Bonds.

The Authorized Representative of the University is hereby authorized and directed to make the following determinations and/or take the following actions, prior to the sale of 2009/2010 Bonds, subject to the limitations described below:

(a) determine whether the 2009/2010 Bonds shall be issued and sold in one or more series or subseries;

(b) determine the Mode in which 2009/2010 Bonds of a series or subseries shall be issued initially;

(c) determine the times and manner of conversion between Modes, and negotiate and execute documents to effect the conversion, including without limitation any Reimbursement Agreement, Remarketing Agreement or Trust Agreement, or amendments thereto;

(d) negotiate and execute at his or her discretion, one or more Escrow Agreements, Bond Purchase Contracts, Remarketing Agreements, Reimbursement Agreements, or Trust Agreements, and amendments thereto from time to time;

(e) negotiate and execute a Payment Agreement, if any, in connection with the issuance of any series of 2009/2010 Bonds;

(f) select one or more Escrow Agents, underwriters and/or Remarketing Agents;

(g) select some or all of the Refunding Candidates and designate those Refunding Candidates as the "Refunded Bonds" in the applicable Bond Purchase Contract;

(h) determine if it is in the best interest of the University for any or all of the 2009/2010 Bonds to be secured by a Liquidity Facility or Credit Facility and, if so, select the Liquidity Facility Issuer or Credit Facility Issuer, as applicable, pay the premium or fees therefor, issue one or more reimbursement bonds, and enter into Reimbursement Agreements, each as applicable;

(i) approve the Interest Rates if the 2009/2010 Bonds bear interest in Fixed Mode or Term Mode, Maturity Dates, aggregate principal amounts, principal amounts of each maturity, redemption rights, tender option rights, and other terms and conditions of the 2009/2010 Bonds;

(j) select a Trustee for the owners of any or all of the 2009/2010 Bonds and fix its or their rights, duties, powers, and obligations under the applicable Trust Agreement;

(k) determine whether any or all of the 2009/2010 Bonds shall be issued as 2009/2010 Tax-Exempt Bonds or as 2009/2010 Taxable Bonds; and

(l) designate any or all of the 2009/2010 Bonds as Building Fee Revenue Bonds.

The Authorized Representative of the University is hereby authorized to approve the foregoing subject to following conditions:

(a) the aggregate principal amount of the 2009/2010 New Money Bonds shall not exceed \$150,000,000;

(b) the aggregate debt service to be paid on any 2009/2010 Refunding Bonds shall be less than the aggregate debt service on the Refunding Candidate to be refunded with the proceeds of such 2009/2010 Refunding Bonds;

(c) the final maturity date of any 2009/2010 Refunding Bonds shall not be later than the final maturity date of the Refunding Candidate to be refunded with the proceeds of the 2009/2010 Refunding Bonds;

(d) the true interest cost to the University, taking into account any interest subsidy, for the 2009/2010 Bonds bearing interest in the Fixed Mode does not exceed 7.0%; and

(e) the date and time for any Closing Date is not later than July 31, 2010.

In determining the items described in this section, the Authorized Representative of the University, in consultation with University staff and the University's financial advisor, shall take into account those factors that, in his or her judgment, will result in the lowest true interest cost on the 2009/2010 Bonds to their maturity, including, but not limited to current financial market conditions and current interest rates for obligations comparable in tenor and quality to the 2009/2010 Bonds.

Upon determination by the Authorized Representative of the University that all conditions to Closing set forth in a Bond Purchase Contract have been satisfied, or upon waiver of such conditions by the appropriate parties, the Authorized Representative of the University is hereby authorized and directed (a) to cause such series of 2009/2010 Bonds, executed as provided in this resolution, to be authenticated and delivered to the underwriters; and (b) to execute, for and on behalf of the University, and to deliver to the persons entitled to executed copies of the same, the Official Statement and all other documents required to be delivered, at or before the Closing Date pursuant to the Bond Purchase Contract. Such delivery shall be made at the offices of K&L Preston Gates Ellis LLP, 925 Fourth Avenue, Suite 2900, Seattle, Washington 98104, or at such other place as any of such officers and the underwriters shall agree. The proper University officials are hereby authorized and directed to do everything necessary and proper for the prompt printing, execution, authentication, issuance and delivery of the 2009/2010 Bonds in exchange for the purchase price thereof.

Section 24. Undertaking to Provide Continuing Disclosure.

An Authorized Representative of the University is authorized to, in his or her discretion, execute and deliver a certificate regarding continuing disclosure in order to assist the underwriters for the any series of 2009/2010 Bonds in complying with Section (b)(5) of the Rule.

Section 25. Payment Agreements.

The University may enter into a Payment Agreement providing for an exchange of Reciprocal Payments for University Payments in connection with one or more series of 2009/2010 Bonds. The following shall be conditions precedent to the use of any Payment Agreement.

(a) *Opinion of Bond Counsel.* The University shall obtain an opinion of its Bond Counsel on the due authorization and execution of such Payment Agreement opining that the action proposed to be taken by the University is authorized or permitted by this resolution and by

Washington law and will not adversely affect the exclusion from gross income for federal income tax purposes of the interest on the applicable series of 2009/2010 Tax-Exempt Bonds.

(b) *Certification of Financial Advisor.* The University shall obtain, on or prior to the date of execution of the Payment Agreement, a written certification from a financial advisor that (1) the terms and conditions of the payment agreement and any ancillary agreements, including without limitation, the interest rate or rates and any other amounts payable thereunder, are commercially reasonable in light of then existing market conditions; and (2) the findings and determinations under subsection (c) and (f)(3) are reasonable.

(c) *Approval of the State Finance Committee.* The Payment Agreement shall have been approved by the State Finance Committee under terms set forth in a resolution thereof, subject to final approval and authorization of the Payment Agreement by the Chair of the State Finance Committee pursuant to such terms. The approval of the State Finance Committee shall not constitute the pledge of the full faith and credit of the State. The University shall have the option to terminate the Payment Agreement in whole or in part, in the discretion of the Authorized Representative of the University. The Authorized Representative of the University is hereby authorized to amend or terminate any outstanding Payment Agreement with respect to the 2004 Bonds.

(d) *Selection of Reciprocal Payor.* Prior to selecting the Reciprocal Payor, the University shall solicit and give due consideration to proposals from at least two entities that meet the criteria set forth in RCW 39.96.040(2). Such solicitation and consideration shall be conducted in such manner as the University (or the State Treasurer if so directed by resolution of the State Finance Committee) shall determine is reasonable.

(e) *Payments.* The Payment Agreement shall set forth the manner in which the University Payments and Reciprocal Payments are to be calculated and a schedule of Derivative Payment Dates. The University shall provide an annual report or certificate to the State Treasurer setting forth the information regarding the Payment Agreement, in form satisfactory to the State Treasurer.

(f) *Findings.*

(1) The obligations of the University under the Payment Agreement shall be paid solely from General Revenues.

(2) If the University enters into a Payment Agreement, University Payments shall be made from the Bond Fund. Reciprocal Payments shall be paid directly into the Bond Fund or a separate account therein.

(3) If the foregoing conditions are complied with, the Payment Agreement will lower the net cost of borrowing for the related 2009/2010 Bonds or reduce the University's exposure to fluctuations in interest rates on the related 2009/2010 Bonds. This finding shall be confirmed in a report of the Authorized Representative of the University.

Section 26. Supplemental Resolutions.

(a) *Without Consent of Owners.* The Board, from time to time and at any time, may adopt a resolution or resolutions supplemental to this resolution which supplemental resolution or resolutions thereafter shall become a part of this resolution, for any one or more or all of the following purposes:

(1) to add to the covenants and agreements of the University in this resolution other covenants and agreements thereafter to be observed, which shall not materially adversely affect the interests of the Registered Owners of any Outstanding 2009/2010 Bonds affected by the supplemental resolution, or to surrender any right or power herein reserved to or conferred upon the University;

(2) to make such provisions for the purpose of curing any ambiguities or of curing, correcting or supplementing any defective provision contained in this resolution or any resolution authorizing Additional Bonds in regard to matters or questions arising under such resolutions as the Board may deem necessary or desirable and not inconsistent with such resolution and which shall not materially adversely affect the interest of the Registered Owners of Outstanding 2009/2010 Bonds.

Any such supplemental resolution of the Board may be adopted without the consent of the owners of any 2009/2010 Bonds at any time outstanding, notwithstanding any of the provisions of subsection (b) of this section.

(b) *With Consent of Owners.* With the consent of the Registered Owners of not less than 51% in aggregate principal amount or accreted value, as applicable, of all Outstanding 2009/2010 Bonds of a series affected by a supplemental resolution, the Board may adopt a resolution or resolutions supplemental hereto for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this resolution or of any supplemental resolution provided, however, that no such supplemental resolution shall:

(1) extend the fixed maturity of any Outstanding 2009/2010 Bonds, or reduce the rate of interest thereon, or extend the time of payment of interest from their due date, or reduce the amount of the principal thereof, or reduce any premium payable on the redemption thereof, without the consent of the owner of each 2009/2010 Bond so affected; or

(2) reduce the aforesaid percentage of Registered Owners required to approve any such supplemental resolution, without the consent of the Registered Owners of all of the Outstanding 2009/2010 Bonds affected by the reduction.

It shall not be necessary for the consent of Registered Owners under this subsection (b) to approve the particular form of any proposed supplemental resolution, but it shall be sufficient if such consent shall approve the substance thereof. The Reimbursement Agreement may provide rights to the Credit Facility Issuer or Liquidity Facility Issuer to consent to supplemental resolutions on behalf of Registered Owners or in addition to Registered Owners.

Section 27. Concerning the Registered Owners.

(a) *Form of Consent of Registered Owners.* Any request, direction, consent or other written instrument required by this resolution to be signed or executed by the Registered Owners may be in any number of concurrent written instruments of similar tenor and may be signed or executed by such Registered Owners in person or by an agent or agents duly appointed by a written instrument. Proof of the execution of any such written instrument and of the ownership of the 2009/2010 Bonds shall be sufficient for any purpose of this resolution and shall be conclusive in favor of the University, and/or the Registered Owners with regard to any action taken under such instrument, if made in the following manner:

(1) the fact and date of the execution by any Registered Owner of any such instrument may be proved by the certificate of any officer in any jurisdiction who, by the laws thereof, has power to take acknowledgments of deeds to be recorded within such jurisdiction, to the effect that the Registered Owner signing such instrument acknowledged to him or her the execution thereof, or by an affidavit of a witness to such execution; and

(2) the ownership of 2009/2010 Bonds shall be proved by the registry books maintained by the Registrar.

Nothing contained in this Section 27(a) shall be construed as limiting the University to the proof above specified, it being intended that the University may accept any other evidence of the matters herein stated to which it may seem sufficient.

(b) *Waiver of Form.* Except as otherwise provided herein, any notice or other communication required by this resolution to be given by delivery, publication or otherwise to the Registered Owners or any one or more thereof may be waived, at any time before such notice or communication is so required to be given, by written waivers mailed or delivered to the University by the Registered Owners of all 2009/2010 Bonds of a series entitled to such notice or communication.

(c) *Revocation; Conclusive Action.* At any time prior to (but not after) the evidencing to the University of the taking of any action by the Registered Owners of the percentage in aggregate principal amount of Outstanding 2009/2010 Bonds of a series specified in this resolution in connection with such action, any Registered Owner may, by filing written notice with the University, revoke any consent given by such Registered Owner or the predecessor Registered Owner of such 2009/2010 Bond. Except as aforesaid, any such consent given by the Registered Owner of any 2009/2010 Bond shall be conclusive and binding upon such Registered Owner and upon all future Registered Owners of such 2009/2010 Bond and of any 2009/2010 Bond issued in exchange therefor or in lieu thereof, irrespective of whether or not any notation in regard thereto is made upon such 2009/2010 Bond. Any action taken by the Registered Owners of the percentage in aggregate principal amount of a series of Outstanding 2009/2010 Bonds specified in this resolution in connection with such action shall be conclusively binding upon the University and the Registered Owners of all Outstanding 2009/2010 Bonds.

Section 28. Determination of Registered Owners' Concurrence.

In determining whether the Registered Owners of the requisite aggregate principal amount of a series of Outstanding 2009/2010 Bonds have concurred in any demand, request, direction, consent or waiver under this resolution, 2009/2010 Bonds which are owned by or held in the name of the University shall be disregarded and deemed not to be Outstanding for the purpose of any such determination. 2009/2010 Bonds so owned which have been pledged in good faith may be regarded as Outstanding for the purposes of this Section 28 if the pledgee shall establish to the satisfaction of the University the pledgee's right to vote such 2009/2010 Bonds and that the pledgee is not the University.

Section 29. University Acquisition of 2009/2010 Bonds.

The University may acquire 2009/2010 Bonds by (a) purchase of 2009/2010 Bonds offered to the University at any time and from time to time at such purchase price as the University deems appropriate; or (b) gift at any time and from time to time on terms as the University deems appropriate.

Section 30. Contract-Savings Clause.

The covenants contained in this resolution, the 2009/2010 Bonds and the provisions of the Bond Act shall constitute a contract between the University and the Registered Owners of the 2009/2010 Bonds and shall be construed in accordance with and controlled by the laws of the State. If any one or more of the covenants or agreements provided in this resolution to be performed on the part of the University shall be declared by any court of competent jurisdiction and final appeal, if any appeal be taken, to be contrary to law, then such covenant or covenants, agreement or agreements shall be null and void and shall be deemed separable from the remaining covenants and agreements in this resolution and shall in no way affect the validity of the other provisions of this resolution or of the 2009/2010 Bonds.

Section 31. No Benefits to Outside Parties.

Nothing in this resolution, express or implied, is intended or shall be construed to confer upon or to give to any person, other than the University, the Registrar, any Credit Facility Issuer, any Liquidity Facility Issuer, or the Registered Owners of Bonds, any right, remedy or claim under or by reason of this resolution; and the covenants, stipulations and agreements in this resolution are and shall be for sole and exclusive benefit of the University, the Registrar, any Credit Facility Issuer, the Liquidity Facility Issuer, and the Registered Owners of Bonds, their successors and assigns.

Section 32. Immediate Effect.

This resolution shall take effect immediately upon its adoption.

ADOPTED at an open public meeting of the Board of Regents of the University, after notice thereof was duly and regularly given as required by law, this 16th day of July, 2009.

BOARD OF REGENTS, UNIVERSITY OF
WASHINGTON

By _____

Attest:

By _____

Approved as to form:

Special Assistant
Attorney General
State of Washington

Exhibit A

Description of Refunding Candidates

Issuer Name	Bond Name	Original Par Value	Remaining Balance June 30, 2009
CDP-CD	1996 CDP-CD Bonds (Commodore Duchess)	\$7,385,000	\$5,945,000
ERP	1999A Educational Research Properties (tax exempt)	26,050,000	26,050,000
ERP	1999B Educational Research Properties (taxable)	4,505,000	1,900,000
RCP	2000 Radford Court Properties Revenue Bonds	53,125,000	49,480,000
State of WA	1992A State GO Bonds (K-Wing)	2,530,000	1,105,000
State of WA	1992A State GO Bonds (Physics-Astro)	2,415,000	1,055,000
State of WA	1992B State GO bonds (K-Wing)	16,105,000	8,955,000
State of WA	1992B State GO Bonds (Physics-Astro)	11,275,000	6,275,000
State of WA	1992B State GO Bonds Selective Redemption (K-Wing)	720,000	720,000
State of WA	1993 VR95 A & B Selective Redemption (Phys-Astro)	505,000	505,000
State of WA	1993B State GO Bonds (Physics Astro)	7,965,000	4,750,000
State of WA	1998C (UW-Ocean Science Building)	8,935,000	6,755,000
State of WA	1998C State GO Bonds (Harborview R&T)	9,420,000	7,125,000
State of WA	1999 Primate Center COPs #25 (Series UW1999)	6,630,000	2,525,000
State of WA	1999 Series R-99A State GO Bonds (K-Wing)	3,980,000	2,295,000
State of WA	1999 SP Phase 1 COPs #24 (Series UW 1999)	4,645,000	3,580,000
State of WA	1999B State GO Bonds (Harborview R&T)	11,876,277	8,657,360
State of WA	1999B State GO Bonds (Ocean and Fisheries)	22,823,723	16,637,640
State of WA	2001A SPI Phase 2a Bldg 5 COPs #24b	1,605,000	1,135,000
State of WA	2001B COP #28 (Husky Den)	6,030,000	4,505,000

State of WA	2001B COP #29 (Lander & McCarty ethernet)	5,515,000	2,160,000
State of WA	2001C State GO Bonds (Law School)	5,025,000	4,030,000
State of WA	2001D SPI Phase 2b Bldg 5 COPs #35	3,565,000	2,645,000
State of WA	2002A SPI Bldg 29 COPs #36	4,850,000	3,605,000
State of WA	2002A State GO Bonds (Law School)	20,000,000	16,521,283
State of WA	2002A State GO Bonds (UWMC)	27,690,000	22,873,717
State of WA	2002B State GO Bonds (Law School)	10,075,000	8,355,000
State of WA	2002E SPI Bldg 5 Phase 2c COPs #40	2,685,000	2,105,000
State of WA	2003D State GO Bonds (BioE/Genome)	634,114	547,589
State of WA	2003D State GO Bonds (Law School)	8,095,026	6,990,457
State of WA	2003D State GO Bonds (UWMC)	1,750,859	1,511,954
State of WA	2004A State Go Bonds (Bioe/Genome)	19,325,000	16,850,000
State of WA	2004D State GO Bonds (BioE/Genome)	7,745,000	6,690,000
State of WA	2007 GO Ref R-2007C (1997E (HE-UW) Exc) Phys-Astro	710,000	665,000
State of WA	2007C GO Ref R-98A (1992A HE-UW Exc) (Phys-Astro)	1,835,000	1,815,000
State of WA	2007C GO Ref Ser (R-98A (1992A-UW-Exc)) (K-Wing)	1,935,000	1,915,000
State of WA	R2001A (R 92A (86D-AQ-A) State GO Bonds (Higher E)	4,889,135	181,553
State of WA	R-2001A (R-92A (R86D-AQB)) State GO Bonds (UWMC)	22,300,000	825,000
State of WA	R-2003C R-95A (K-Wing)	9,170,000	3,815,000
State of WA	R-2003C State GO Bonds (Physics-Astro)	8,155,000	3,390,000
State of WA	R-2006A (1994A HE UW) Physics Astro	12,400,000	12,175,000
State of WA	R-2006A (1994A-UW exc) K-Wing	13,955,000	13,705,000
State of WA	R-2006A (2000A) Hospital 01L Bonds	49,880,000	49,650,000
State of WA	R93-A State GO Bonds (Higher Ed)		

		2,098,802	454,997
State of WA	R-99A State GO Bonds (Physics-Astro)	3,795,000	2,190,000
State of WA	RE-2003E SPI Bldg 29 Phase3 COPs #42	845,000	640,000
State of WA	RE-2003E SPI Bldg 5 Phase3 COPs #41	3,510,000	2,860,000
TAP	2002 Twenty Fifth Avenue Properties	34,085,000	31,920,000
TSB Properties	2006 TSB Properties Lease Revenue Bonds	17,525,000	16,570,000
UW	2000 Student Fee Rev Bonds (unrefunded portion)	5,060,000	1,110,000
UW	2002 H&D Revenue & Refunding Bonds	18,920,000	16,655,000
UW	2004 H&D Revenue & Refunding Bonds	16,985,000	13,275,000
UW	2004 Parking System Revenue & Refunding Bonds	20,410,000	17,905,000
UW	2005 Student Facilities Fee Refunding Rev Bonds	43,610,000	42,915,000
UW	2006 UWT Bank of America Term Loan	3,100,000	2,774,780
UW	2007 General Revenue Bonds (Data Center)	11,260,000	11,260,000
UW	2007 General Revenue Bonds (Global Health)	5,180,000	5,180,000
UW	2007 General Revenue Bonds (Tower)	121,965,000	121,965,000
UW	2008 GRB (R-1996 H&D)	22,785,000	21,850,000
UW	2008 GRB (R-2000 ICA Rev Bonds) - Central	3,568,125	3,045,000
UW	2008 GRB (R-2000 ICA Rev Bonds) - ICA	5,946,875	5,075,000
UW	2008 GRB (R-2004 A/B GRB) - Genome Sci	20,400,000	19,865,000
UW	2008 GRB (R-2004 A/B) - R&T	38,275,000	36,300,000
UW	2009 General Revenue Bonds	75,835,000	75,835,000
UWAA	2001 UWAA Lease Revenue Refunding Bonds (R2)	19,855,000	12,960,000
WEDFA	2004 WA Biomedical Research Properties I	38,225,000	34,330,000
WEDFA	2005 WA Biomedical Research Properties II	99,510,000	98,025,000

WEDFA	2006J WEDFA Lease Revenue Bonds	59,955,000	43,025,000
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University of Washington Debt Profile

2009 Outstanding Debt & Debt Service (in 000's)

Unit	ILP Debt		Non-ILP Debt		Totals	
	Outstanding Balance	Debt Service	Outstanding Balance	Debt Service	Outstanding Balance	Debt Service
General University	358,893	20,828	87,167	10,996	446,060	31,824
Housing and Food Services	58,445	5,768	87,345	6,204	145,790	11,971
Intercollegiate Athletics	5,075	1,139	-	-	5,075	1,139
Parking Services	17,905	1,337	-	-	17,905	1,337
School of Medicine	92,245	9,613	182,278	17,143	274,523	26,756
Student Life	44,025	3,417	-	-	44,025	3,417
UWMC	74,861	8,195	18,743	7,643	93,604	15,838
Totals	651,448	50,297	375,533	41,986	1,026,982	92,283

Includes State General Obligation bonds, UW Revenue Bonds, lease-backed debt, public-private partnerships & equipment financing.

VII. STANDING COMMITTEES

B. Finance, Audit & Facilities Committee

Investment Update

INFORMATION:

The information below is intended to supplement the presentation to the Board.

Attachment

Investment Update

INVESTMENT UPDATE

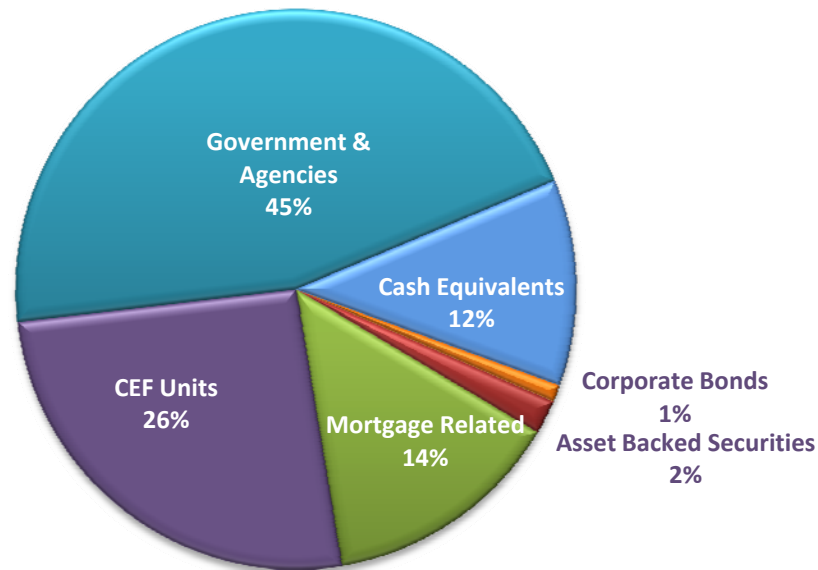
BOARD OF REGENTS

JULY 16, 2009

Invested Funds (IF)

As of May 31, 2009

(Dollars in Millions)



<u>Fund Composition</u>	<u>MV(\$mn)</u>	<u>Allocation</u>	<u>Policy Range</u>	<u>Duration</u>	<u>Policy Range</u>	<u>Other Requirements</u>
Cash Pool	\$280	22%	10% - 40%	0.7	3.0 yrs max.	<ul style="list-style-type: none"> • Avg. quality of "AA"
Liquidity Pool	\$661	52%	30% - 60%	3.2	Benchmark*	<ul style="list-style-type: none"> • Avg. quality of "A" • >50% invested in obligations of the U.S. Gov't and its agencies
CEF Units held by IF	\$327	26%	15% - 40%			
Total Invested Funds	\$1,268	100%				

*Barclays Intermediate Government Index. The index duration is 4.0 years as of May 31, 2009.

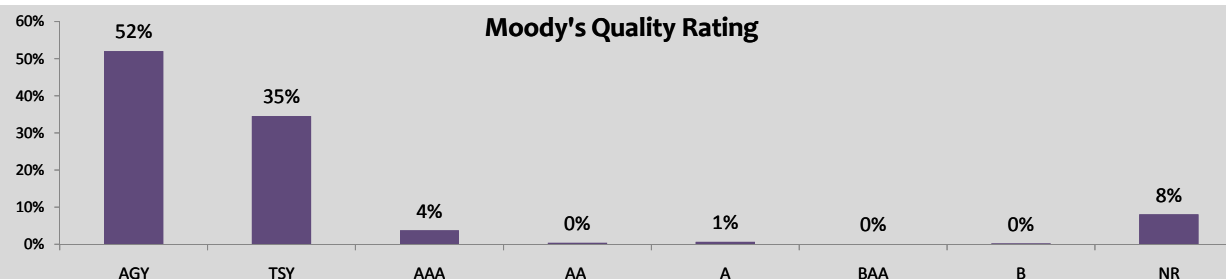
Cash & Liquidity Pool Characteristics

University of Washington

MAY 2009

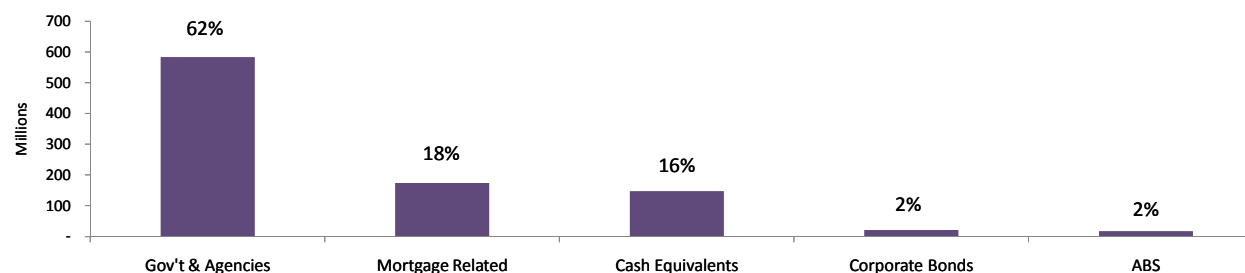
Moody's Quality Rating

87% of Invested Funds' assets are government grade.



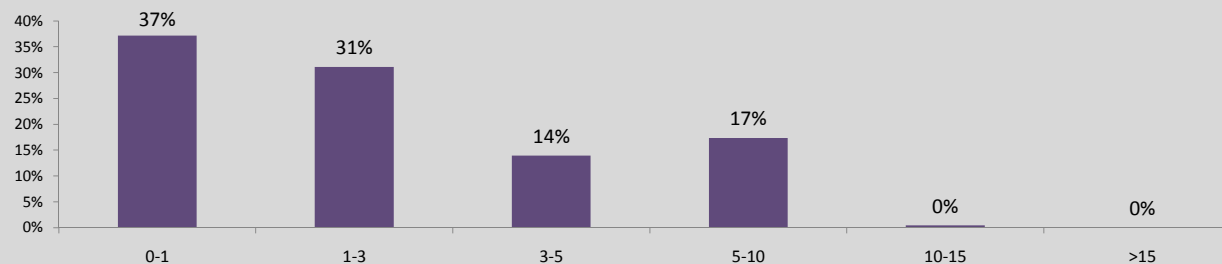
Sector Distribution

62% of the holdings are in government and agencies, with a market value of \$583mn.



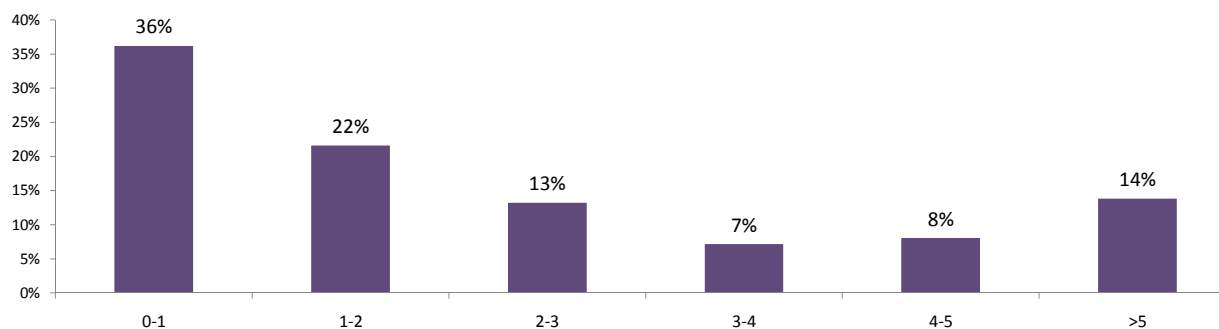
Maturity

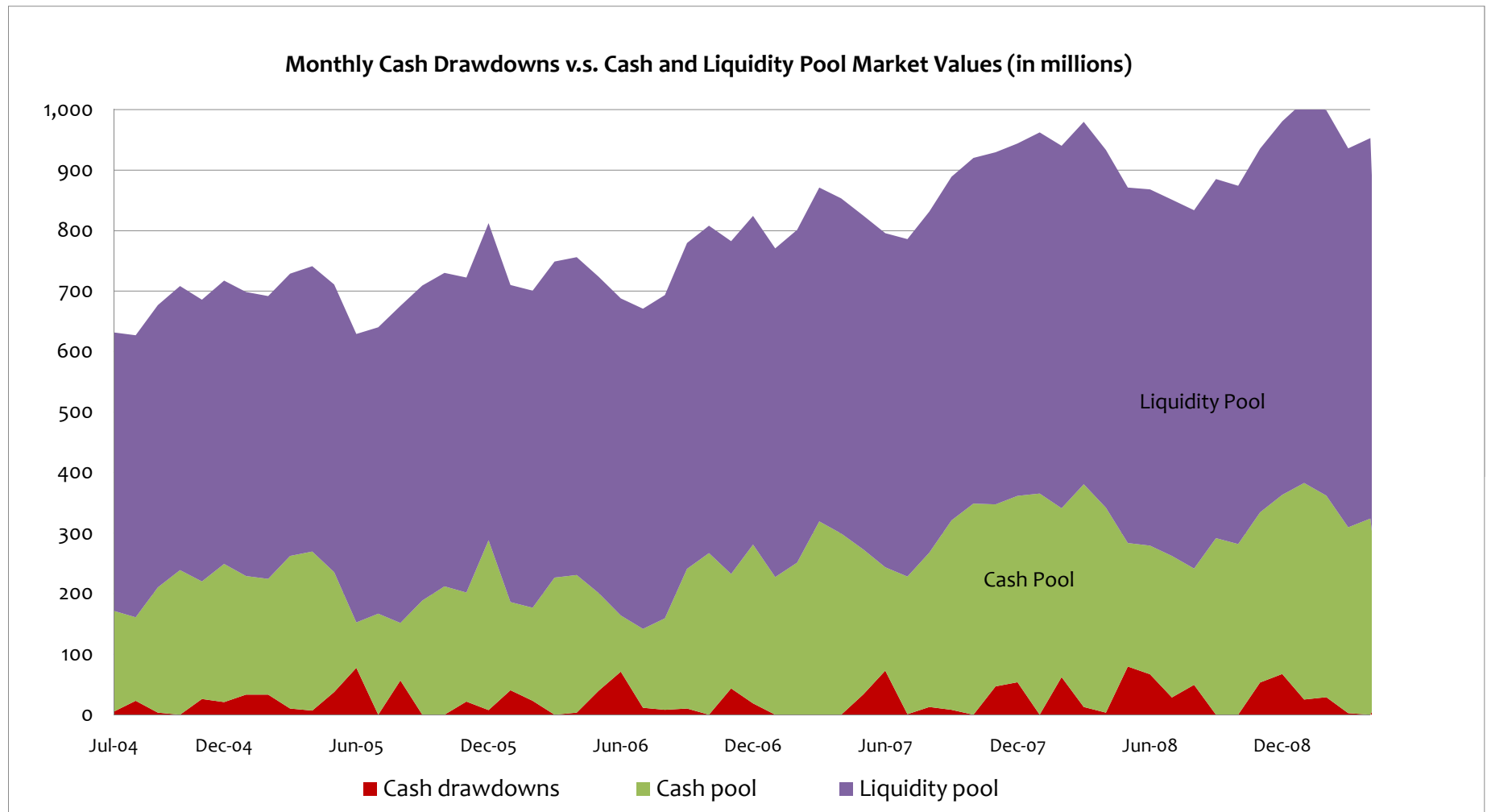
68% of the holdings are below 3-year maturity.



Duration Distribution

Average duration of the cash and liquidity pool is 2.42 years.





The University uses a predictive model to estimate the maximum monthly cash drawdown. The first graph below shows actual monthly maximum cash drawdowns (red) relative to market value of Cash and Liquidity pools (purple and green). Cash needs are seasonal, increasing in the summer months due to reduced inflows from tuition and state appropriations. The average monthly drawdown between July 04 and April 09 was \$24M. The low was zero and the high \$79.5M in May 08.

INVESTED FUNDS DEPOSITORS

AVERAGE BALANCES FOR THE YEAR ENDED 6/30/08

(Cost Basis: Dollars in thousands)

Institutional Funds			Campus Depositor Funds ¹		
DOF/GOF	\$403,036	32.2%	UW Medicine ²	\$294,697	23.5%
Reserves	61,000	4.8%	Insurance Funds	\$75,666	6.0%
			Office of Research	\$39,089	3.1%
			Student Fac. & Fees	\$13,540	1.1%
			Grants and Contracts	\$44,747	3.6%
			Arts & Sciences	\$28,932	2.3%
			Engineering	\$32,772	2.6%
			Business	\$41,065	3.3%
			Housing & Dining	\$19,505	1.5%
			Intercollegiate Athletics	\$9,735	0.7%
			Parking	\$10,885	0.8%
			All Other Depts	\$178,033	14.2%
	\$464,036	37.0%		\$788,666	63.0%

¹ Includes gifts, private grants, royalty funds, and auxiliary reserves.

² UW Medicine includes hospital reserves of \$172,328.

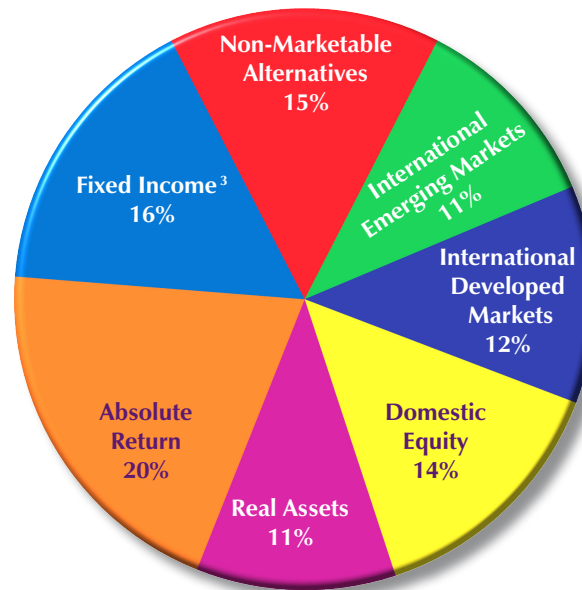
INVESTED FUNDS PROFILE

Description:	The operating funds of the University
Size:	\$1.3 billion
Financial Objectives:	<p>To meet the day-to-day financial obligations of the University as they come due</p> <p>To support University initiatives and programs</p>
Investment Objectives:	To achieve investment returns above those of money market instruments
Composition:	Institutional funds (40%) and funds on deposit by campus departments (60%)
Depositor Time Frame:	Short to limited-term
University Guarantees:	<p>Access to funds on demand</p> <p>Principal guaranteed</p>

CONSOLIDATED ENDOWMENT FUND (CEF)¹

ASSET ALLOCATION

As of May 31, 2009— \$1,670 MM



Dollars in Millions

	Current Allocation ²		Policy Target	Policy Range
Non-Marketable Alternatives	\$248	15%	12%	5%-25%
International Emerging Markets	\$187	11%	13%	5%-35%
International Developed Markets	\$204	12%	16%	5%-35%
Domestic Equity	\$235	14%	15%	5%-35%
Equity Fund	\$874	52%	56%	45%-75%
Real Assets Fund	\$187	11%	15%	5%-25%
Absolute Return	\$339	20%	18%	5%-25%
Fixed Income Fund ³	\$271	16%	11%	5%-35%
Total Consolidated Endowment Fund	\$1,670	100%		

1. At 3/31/09 International exposure: 37%, foreign currency exposure: 32%.

2. Current exposures may not add to 100% due to rounding.

3. Includes allocation to cash.