

VII. STANDING COMMITTEES

B. Finance, Audit and Facilities Committee

Grant and Contract Awards – August, 2007

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**

**August 2007**

**Office of Research**

**Office of Sponsored Programs**

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## AUGUST 2007 HIGHLIGHTS

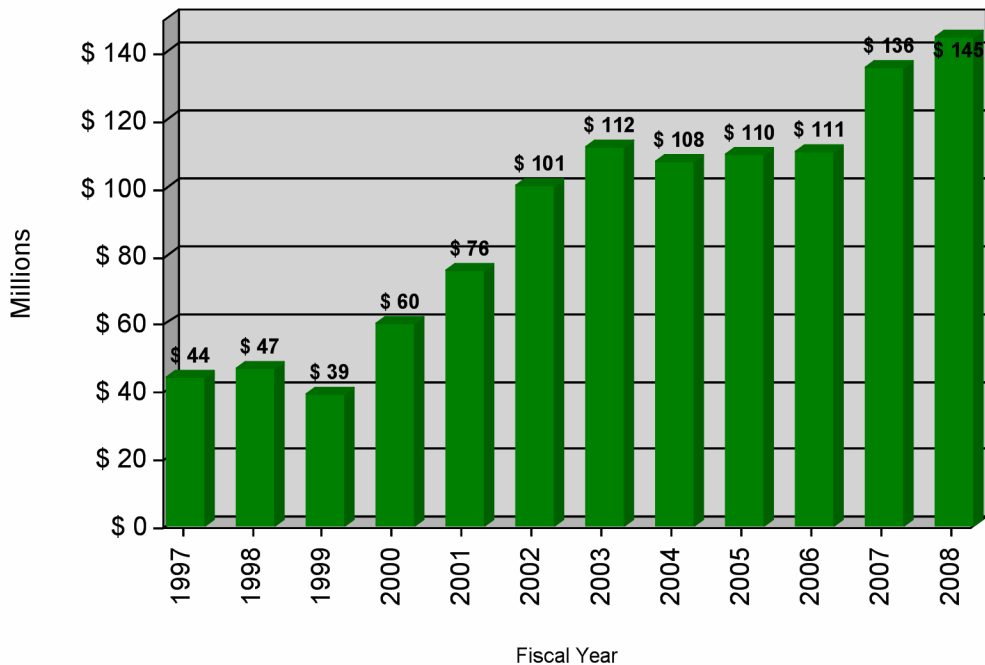
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The *Gordon and Betty Moore Foundation* awarded a grant in the amount of \$4,126,379 for a project under the direction of *Dean Arthur Nowell* of the *College of Ocean and Fishery Sciences* entitled “Establishment of an International Center for the Study of Pacific Salmon Biodiversity.” This project is designed to establish an international center for the study of Pacific salmon biodiversity at the University of Washington. The center will develop new salmon genetics techniques and facilitate international coordination of genetics studies and data storage in an effort to establish pan-Pacific baselines for salmon stock identification. These new baselines will fundamentally affect salmon science and conservation.

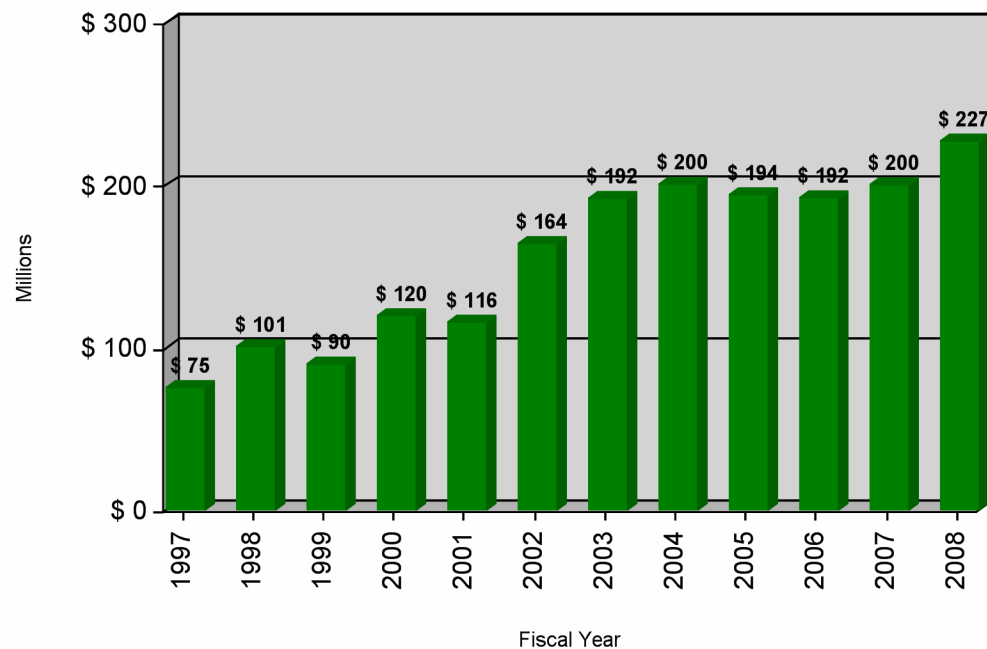
The *National Institutes of Health* awarded a grant in the amount of \$2,250,285 for a project under the direction of *Professor Geraldine Dawson* of the *Center on Human Development and Disability* entitled “UW Autism Center of Excellence.” Preventive efforts aimed at reducing autism symptoms and associated behavioral challenges could result in tremendous cost-savings to society and improve the lives of individuals suffering from autism and their families. The Autism Center of Excellence will pursue this goal in a combination of ways. The researchers seek to discover early risk indices for autism that can increase our ability to identify infants who will eventually develop autism or autism-related symptoms, to develop effective intervention methods for infants and toddlers, and to understand variation in outcome and adaptation in autism through a series of longitudinal studies.

The *National Science Foundation* awarded a grant in the amount of \$557,870 for a project under the direction of *Assistant Professor Dawn Lehman* of the *Department of Civil & Environmental Engineering* entitled “MRI: Acquisition of Equipment to Simulate Collapse of Engineered Systems under Extreme Loads.” Recent history has demonstrated that extreme loading events, such earthquakes, blast, and hurricanes, continue to pose severe threats to the nation’s infrastructure and economy. But to date, engineering evaluation for progressive collapse associated with such events has been conducted using only computational simulation; experimental verification occurs only in rare cases. Yet, the few experimental studies on collapse that have been conducted indicate that analytical simulation alone is incapable of predicting the full-range of structural response. The equipment acquired with this award will extend current structural engineering research capabilities, thus permitting this important work to be carried out.

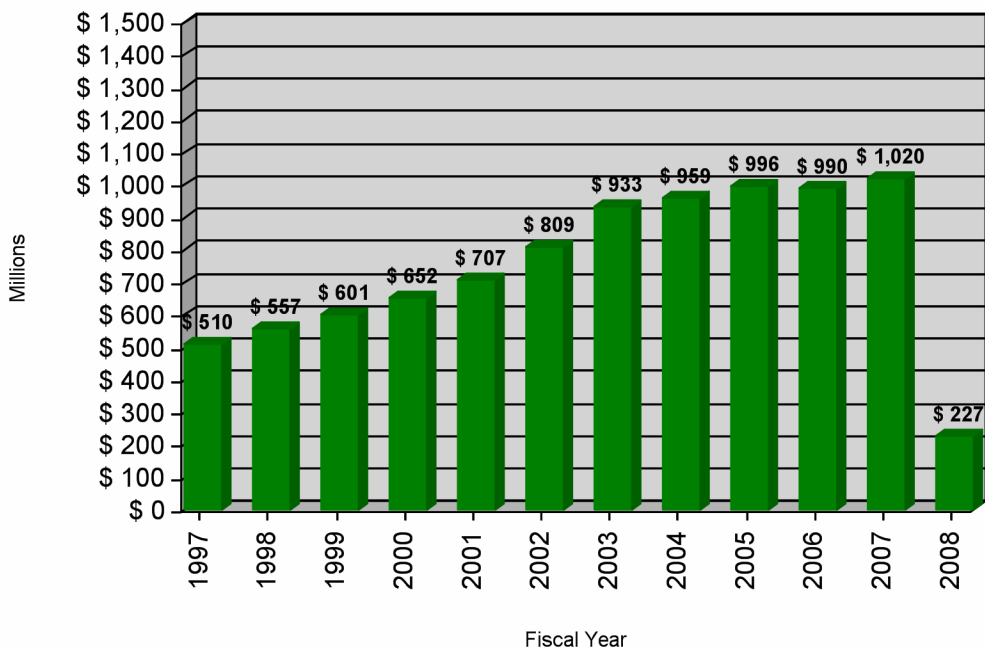
**August Only**  
Comparison of Grant & Contract Awards



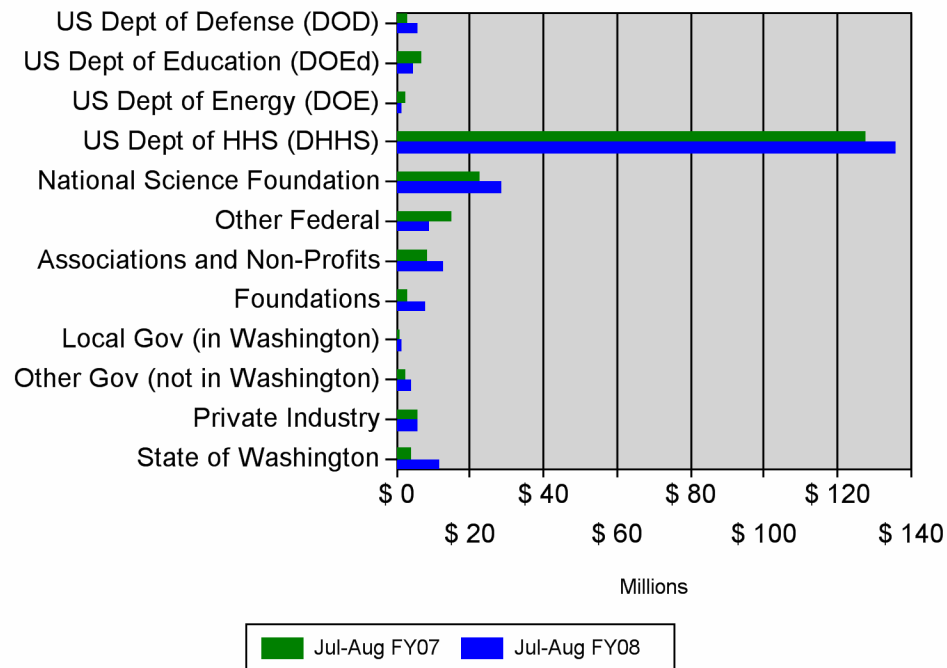
**Fiscal Year to Date**  
Comparison of Grant & Contract Awards



**Complete Fiscal Year**  
Comparison of Grant & Contract Awards



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



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**Summary of Grant and Contract Awards**

Fiscal Year 2007-2008

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<b>Month</b>	<b>RESEARCH AND OTHER</b>		<b>TRAINING</b>		<b>Total Grants and Contracts</b>
	<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>	
July	\$ 54,889,260	\$ 15,048,400	\$ 7,034,788	\$ 5,593,291	\$ 82,565,740
August	\$ 111,454,900	\$ 21,120,610	\$ 10,878,860	\$ 1,041,935	\$ 144,496,300
<b>FY08 to Date</b>	<b>\$166,344,198</b>	<b>\$36,169,010</b>	<b>\$17,913,643</b>	<b>\$6,635,226</b>	<b>\$227,062,077</b>
<b>FY07 to Date</b>	<b>\$164,810,673</b>	<b>\$22,416,622</b>	<b>\$11,840,388</b>	<b>\$1,137,210</b>	<b>\$200,204,893</b>
<b>Over (Under) Previous Year</b>	<b>\$1,533,525</b>	<b>\$13,752,388</b>	<b>\$6,073,255</b>	<b>\$5,498,016</b>	<b>\$26,857,184</b>

*Assuming acceptance of all awards by the Board of Regents*

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**Comparison of Grant and Contract Awards by Agency**

**Fiscal Years 2006-2007 and 2007-2008**

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<b>Agency</b>	<b>Jul-Aug FY07</b>	<b>Jul-Aug FY08</b>
US Department of Defense (DOD)	\$ 2,921,439	\$ 5,634,798
US Department of Education (DOEd)	\$ 6,982,358	\$ 4,562,660
US Department of Energy (DOE)	\$ 2,135,480	\$ 1,126,000
US Department of Health and Human Services (DHHS)	\$ 127,422,238	\$ 135,654,840
National Science Foundation (NSF)	\$ 22,501,902	\$ 28,367,545
Other Federal	\$ 14,687,644	\$ 8,911,998
<b>Subtotal for Federal :</b>	<b>\$ 176,651,061</b>	<b>\$ 184,257,841</b>
Associations and Non-Profits	\$ 8,586,949	\$ 12,560,472
Foundations	\$ 2,758,423	\$ 7,705,164
Local Government (in Washington)	\$ 359,148	\$ 1,381,881
Other Government (not in Washington)	\$ 2,534,759	\$ 3,768,793
Private Industry	\$ 5,475,243	\$ 5,928,239
State of Washington	\$ 3,839,311	\$ 11,459,687
<b>Subtotal for Non-Federal :</b>	<b>\$ 23,553,832</b>	<b>\$ 42,804,236</b>
<b>Grand Total :</b>	<b>\$ 200,204,893</b>	<b>\$ 227,062,077</b>
<b>Amount of Increase (Decrease) :</b>		<b>\$ 26,857,184</b>
<b>Percent of Increase (Decrease) :</b>		<b>13.4 %</b>

*Assuming acceptance of all awards by the Board of Regents*

**Comparison of Grant and Contract Awards by School/College**

**Fiscal Years 2006-2007 and 2007-2008**

<b>School/College</b>	<b>Jul-Aug FY07</b>	<b>Jul-Aug FY08</b>
<b>Upper Campus</b>		
Architecture and Urban Planning	\$ 109,923	\$ 220,546
Arts and Sciences	\$ 18,795,481	\$ 20,535,343
Business Administration	\$ 29,800	\$ 344,721
Education	\$ 3,591,185	\$ 665,746
Engineering	\$ 16,691,786	\$ 16,198,742
Evans School of Public Affairs	\$ 552,308	\$ 846,792
Forest Resources	\$ 1,202,503	\$ 1,645,219
Graduate School	\$ 23,301	\$ 187,689
Information School	\$ 199,801	\$ 1,538,965
Ocean and Fishery Sciences	\$ 9,070,341	\$ 22,545,076
Office of Research	\$ 13,216,038	\$ 3,510,485
Provost		\$ 200,000
Social Work	\$ 1,136,383	\$ 5,326,330
VP Educational Partnerships	\$ 81,347	\$ 43,745
VP Minority Affairs	\$ 2,176,608	\$ 2,176,608
<b>Subtotal :</b>	<b>\$ 66,876,805</b>	<b>\$ 75,986,007</b>
<b>Health Sciences</b>		
Dentistry	\$ 1,293,736	\$ 2,442,853
Medicine	\$ 98,186,746	\$ 98,115,353
Nursing	\$ 3,303,977	\$ 6,389,721
Pharmacy	\$ 2,523,209	\$ 3,819,680
Public Health and Community Medicine	\$ 20,423,499	\$ 17,783,614
<b>Subtotal :</b>	<b>\$ 125,731,167</b>	<b>\$ 128,551,221</b>
<b>Special Programs</b>		
Alcohol and Drug Abuse Institute	\$ 127,214	\$ 653,226
CHDD Administration	\$ 5,300,127	\$ 6,557,898
Regional Primate Center	\$ 1,396,030	\$ 14,222,366
<b>Subtotal :</b>	<b>\$ 6,823,371</b>	<b>\$ 21,433,490</b>
<b>Other UW Campuses</b>		
Bothell	\$ 588,830	\$ 889,359
Tacoma	\$ 184,720	\$ 202,000
<b>Subtotal :</b>	<b>\$ 773,550</b>	<b>\$ 1,091,359</b>
<b>Grand Total :</b>	<b>\$ 200,204,893</b>	<b>\$ 227,062,077</b>

*Assuming acceptance of all awards by the Board of Regents*



**List of Awards for Arts and Sciences**

**Fiscal Years 2006-2007 and 2007-2008**

<b>Department</b>	<b>Jul-Aug FY07</b>	<b>Jul-Aug FY08</b>
Center for Statistics and the Social Sciences	\$0	\$ 388,907
Center for Studies in Demography and Ecology	\$ 422,154	\$ 226,451
Department of Anthropology	\$ 44,850	\$ 41,606
Department of Applied Mathematics	\$ 579,869	\$0
Department of Astronomy	\$ 823,314	\$ 826,454
Department of Atmospheric Sciences	\$ 2,074,241	\$ 510,194
Department of Biology	\$ 2,863,983	\$ 1,746,004
Department of Chemistry	\$ 5,090,320	\$ 10,092,860
Department of Communication	\$ 201,100	\$ 14,458
Department of Earth and Space Sciences	\$ 476,822	\$ 635,861
Department of Economics	\$0	\$ 6,575
Department of English	\$0	\$ 72,573
Department of History	\$ 70,694	\$0
Department of Linguistics	\$0	\$ 164,666
Department of Mathematics	\$ 203,760	\$ 1,113,158
Department of Physics	\$ 436,751	\$ 794,194
Department of Political Science	\$ 69,696	\$ 102,147
Department of Psychology	\$ 4,371,287	\$ 2,061,545
Department of Sociology	\$ 3,846	\$0
Department of Speech and Hearing Sciences	\$ 558,013	\$ 391,229
Department of Statistics	\$ 20,000	\$ 16,173
Henry M. Jackson School of International Studies	\$0	\$ 1,318,414
Institute for Nuclear Theory	\$ 50,000	\$0
Law, Societies and Justice Program	\$ 50,000	\$0
Public Performing Arts	\$ 21,565	\$ 11,875
School of Art	\$ 48,000	\$0
School of Music	\$ 300,000	\$0
Thomas Burke Memorial Washington State Museum	\$ 15,216	\$0
<b>Total :</b>	<b>\$ 18,795,480</b>	<b>\$ 20,535,340</b>

*Assuming acceptance of all awards by the Board of Regents*

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**Summary of Grant Awards**

**Fiscal Year 2007-2008**

*Excluding private awards from Foundations, Industry, Associations and Others*

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<b>Month</b>	<b>RESEARCH AND OTHER</b>		<b>TRAINING</b>		<b>Total Grants</b>
	<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>	
July	\$ 54,392,780	\$ 1,031,886	\$ 7,034,788	\$ 0	\$ 62,459,460
August	\$ 106,676,000	\$ 2,487,815	\$ 10,875,880	\$ 199,000	\$ 120,238,700
<b>Year to Date</b>	<b>\$ 161,068,800</b>	<b>\$ 3,519,701</b>	<b>\$ 17,910,670</b>	<b>\$ 199,000</b>	<b>\$ 182,698,100</b>

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*Assuming acceptance of all awards by the Board of Regents*

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**Summary of Grant Awards**

**Fiscal Year 2007-2008**

*Private awards from Foundations, Industry, Associations and Others*

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<b>Month</b>	<b>RESEARCH AND OTHER</b>	<b>TRAINING</b>	<b>Total Grants</b>
July	\$ 5,529,786	\$ 223,067	\$ 5,752,853
August	\$ 12,792,000	\$ 604,407	\$ 13,396,400
<b>Year to Date</b>	<b>\$ 18,321,780</b>	<b>\$ 827,474</b>	<b>\$ 19,149,260</b>

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*Assuming acceptance of all awards by the Board of Regents*

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**Summary of Contract Awards**

**Fiscal Year 2007-2008**

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<b>Month</b>	<b>RESEARCH AND OTHER</b>		<b>TRAINING</b>		<b>Total Contracts</b>
	<b>Federal</b>	<b>Non-Federal</b>	<b>Federal</b>	<b>Non-Federal</b>	
July	\$ 496,481	\$ 8,486,723	\$ 0	\$ 5,370,224	\$ 14,353,430
August	\$ 4,778,947	\$ 5,840,805	\$ 2,977	\$ 238,528	\$ 10,861,260
<b>Year to Date</b>	<b>\$ 5,275,428</b>	<b>\$ 14,327,530</b>	<b>\$ 2,977</b>	<b>\$ 5,608,752</b>	<b>\$ 25,214,680</b>

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*Assuming acceptance of all awards by the Board of Regents*

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

**August 2007**

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

**Office of Research  
Office of Sponsored Programs**

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**Detail of Public Grant Awards**

**Federal**

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**US Department of Education (DOEd)**

**US Department of Education (DOEd)**

To: Loueta D. Johnson, Director \$ 2,176,608  
 VP MINORITY AFFAIRS  
 For: Two Valleys One Vision GEAR UP Program  
 Eff: 9/1/2007

**Total for US Department of Education (DOEd): \$ 2,176,608**

**Total for US Department of Education (DOEd): \$ 2,176,608**

**US Department of Health and Human Services (DHHS)**

**Health Resources and Services Administration (HRSA)**

To: David H Spach, Professor \$ 2,252,146  
 Department of Medicine  
 For: Regional AIDS Education and Training Centers Program  
 Eff: 7/1/2007

**Total for Health Resources and Services Administration (HRSA): \$ 2,252,146**

**National Institutes of Health (NIH)**

To: Scott S. Emerson, Professor \$ 5,550,302  
 Department of Biostatistics  
 For: EMS Network Data Coordinating Center  
 Eff: 7/1/2007

To: Geraldine Dawson, Professor \$ 2,250,285  
 Department of Psychology  
 For: UW Autism Center of Excellence  
 Eff: 8/6/2007

To: Trisha Nell Davis, Professor \$ 2,419,751  
 Department of Biochemistry  
 For: Comprehensive Biology: Exploiting the Yeast Genome  
 Eff: 9/1/2007

To: Stanley C Froehner, Professor \$ 1,285,240  
 Department of Physiology and Biophysics  
 For: Molecular and Cellular Therapies for Muscular Dystrophy  
 Eff: 4/1/2007

To: Allan E. Rettie, Professor \$ 1,601,353  
 Department of Medicinal Chemistry  
 For: Drug Interactions  
 Eff: 8/1/2007

To: Peter S. Rabinovitch, Professor \$ 1,819,964  
 Department of Pathology  
 For: Gene Action in Pathobiology in Aging  
 Eff: 9/1/2007

*National Heart, Lung, and Blood Institute (NHLBI)*

To: Charles E. Murry, Professor \$ 1,784,816  
 Department of Pathology  
 For: Mechanisms of Cardiovascular Reaction to Injury  
 Eff: 8/1/2007

**Detail of Public Grant Awards**

**Federal**

**US Department of Health and Human Services (DHHS)**

**National Institutes of Health (NIH)**

*National Heart, Lung, and Blood Institute (NHLBI)*

To: Thomas R. Martin, Professor \$ 3,306,392  
 Department of Medicine

For: SCCOR in Translational Research in Acute Lung Injury

Eff: 7/1/2007

To: Deborah A Nickerson, Professor \$ 2,422,169  
 Department of Genome Sciences

For: UW-FHCRC Variation Discovery Resource

Eff: 8/1/2007

*Total for National Heart, Lung, and Blood Institute (NHLBI):* \$ 7,513,377

*National Human Genome Research Institute (NHGRI)*

To: Bruce Spencer Weir, Professor \$ 1,250,369  
 Department of Biostatistics

For: Genome Wide Association Coordinating Center

Eff: 8/6/2007

*Total for National Human Genome Research Institute (NHGRI):* \$ 1,250,369

*National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)*

To: Michael W Schwartz, Professor \$ 1,172,244  
 Department of Medicine

For: Hypothalamic Control of Food Intake and Body Weight

Eff: 8/1/2004

To: Walter E Stamm, Professor \$ 1,178,013  
 Department of Medicine

For: Pathogenic Mechanisms in UTI

Eff: 7/1/2007

*Total for National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK):* \$ 2,350,257

*National Institute of General Medical Sciences (NIGMS)*

To: Carl A. Blau, Professor \$ 2,012,000  
 Department of Medicine

For: Self Renewal and Differentiation of Human Embryonic Stem Cells

Eff: 8/1/2007

To: Garrett M. Odell, Professor \$ 1,170,328  
 Department of Biology

For: Gene Networks: From Molecule to Mechanistic Models

Eff: 8/1/2002

*Total for National Institute of General Medical Sciences (NIGMS):* \$ 3,182,328

**Total for National Institutes of Health (NIH):** \$ 29,223,226

**Total for US Department of Health and Human Services (DHHS):** \$ 31,475,372

**National Science Foundation (NSF)**

**National Science Foundation (NSF)**

To: Mehmet Sarikaya, Professor \$ 1,113,600  
 Materials Science and Engineering

Detail of Public Grant Awards

Federal

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**National Science Foundation (NSF)**

**National Science Foundation (NSF)**

For: MRSEC / Research Experience for Teachers of Native Americans

Eff: 10/1/2005

To: Larry R. Dalton, Professor  
Department of Chemistry

\$ 4,000,000

For: Center on Materials and Devices for Information Technology  
Research

Eff: 8/1/2002

**Total for National Science Foundation (NSF):**

**\$ 5,113,600**

**Total for National Science Foundation (NSF):**

**\$ 5,113,600**

**Other Federal**

**National Oceanic and Atmospheric Administration (NOAA)**

To: David L. Martin, Apl-principal Oceanographer  
Applied Physics Laboratory

\$ 1,500,000

For: Enhancing the Regional Coastal Ocean Observing Systems  
(RCOOS) of NANOOS

Eff: 10/1/2007

**Total for National Oceanic and Atmospheric Administration (NOAA):**

**\$ 1,500,000**

**US Department of Transportation**

To: Nancy L Nihan, Director  
Civil and Environmental Engineering

\$ 1,633,200

For: TransNow Center Plan for Fiscal Year 2007-2008 (July 1, 2007-  
June 30, 2008)

Eff: 10/1/2006

**Total for US Department of Transportation:**

**\$ 1,633,200**

**Total for Other Federal:**

**\$ 3,133,200**

**Total for Federal:**

**\$ 41,898,780**

**Total Public Grants:**

**\$ 41,898,780**



**Detail of Private Grant Awards**

**Foundations**

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**Gordon and Betty Moore Foundation**

To:	Arthur R Nowell, Dean Dean of Ocean and Fishery Sciences	\$ 4,126,379
For:	Establishment of an International Center for the Study of Pacific Salmon Biodiversity	
Eff:	8/15/2007	

<b>Total for Gordon and Betty Moore Foundation:</b>	<b>\$ 4,126,379</b>
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<b>Total for Foundations:</b>	<b>\$ 4,126,379</b>
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<b>Total Private Grants:</b>	<b>\$ 4,126,379</b>
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**Detail of Contract Awards**

**Federal**

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**US Department of Defense (DOD)**

**US Navy**

To: Jan A. Newton, Apl-principal Oceanographer  
Applied Physics Laboratory \$ 1,880,000

For: Hood Canal Low Dissolved Oxygen Program-Integrated  
Assessment and Modeling Study

Eff: 2/18/2005

**Total for US Navy: \$ 1,880,000**

**Total for US Department of Defense (DOD): \$ 1,880,000**

**Total for Federal: \$ 1,880,000**

**State of Washington**

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**Washington State Department of Community, Trade and Economic  
Development**

To: Edward L Miles, Professor \$ 1,500,000  
School of Marine Affairs

For: A Comprehensive Assessment of the Impacts of Climate Change on  
the State of Washington

Eff: 7/16/2007

**Total for Washington State Department of Community, Trade and  
Economic Development: \$ 1,500,000**

**Total for State of Washington: \$ 1,500,000**

**Total Contracts: \$ 3,380,000**

**Grand Total for all Awards \$ 49,405,159**