



## University of Washington 2009-11 Capital Budget Request

### ***1. Molecular Engineering Building Phase I – Construction (\$57.5 million)***

This facility will support existing and new science and engineering research by providing a state-of-the-art learning and research environment that will help attract a wide range of students and highly regarded faculty and staff, keeping Washington at the forefront in the field of engineering and related research. It will support interdisciplinary teaching and research. Molecular engineering encompasses a variety of areas related to the manufacturing of molecules. This technology is an important part of the cutting edge developments in many engineering, biomedical and science related programs. About half of the building is envisioned to be fitted with wet laboratory space with the remaining space dedicated to dry laboratories, office and support space.

### ***2. Restore the Core: Denny Hall - Construction (\$52.9 million)***

Denny Hall is the oldest building on the Seattle campus. Due to its age, architectural qualities, and historical significance, the building is on the Washington State Heritage Register. Denny Hall is a significant source of instructional space and contains 22 general assignment classrooms with a capacity of 765 seats. Denny Hall houses the Departments' of Anthropology, Classics, Germanics, and Near Eastern Languages & Civilization. In addition to these classroom spaces, the University's Language Learning Center, which serves more than 15,000 students annually, is located in the basement level of Denny Hall. This project is one of fifteen buildings in the "Restore the Core" program.

### ***3. Restore the Core: Balmer Hall - Construction (\$42.8 million)***

Ballmer Hall is in extreme disrepair, and is experiencing seismic and building code deficiencies. Additionally, the facility's mechanical, electrical and communications systems are outdated and inadequate. Classroom sizes, sightlines, lighting and acoustics are limited by the building's configuration, columns, and concrete block construction. The facility does not meet current accessibility standards and because of its rigid construction, does not readily lend itself to remodeling. Balmer Hall, a 78,677 gross square foot facility constructed in 1962 for the Business School, is currently a major instructional building that houses undergraduate and graduate classrooms, and other Business School program spaces including computer labs, study areas, and library collections.

### ***4. Restore the Core: Lewis Hall - Construction (\$23.1 million)***

Constructed in 1896, Lewis Hall was one of the first buildings built on the Seattle Campus, and is listed on the Washington State Heritage Register. This wood frame building with a masonry exterior was the original men's dormitory building. Its exterior and interior has deteriorated from normal use and climate over 110 years. The building seismic condition is classified as a Priority II which will require major structural renovations to minimize earthquake related damage. The building infrastructure, from the exterior brick masonry shell to the interior systems is subject to total replacement and/or major upgrades. This project is a major restoration to address significant disrepair, long overdue upgrades and many building and safety code issues.

### ***5. UW Tacoma Phase III – Construction (\$54.0 million)***

UW Tacoma Phase III will include the addition of a fourth floor and major renovation of the Joy Building to provide additional classroom and faculty office space to support expanded and new degree programs and will serve to transition the campus toward the new four-year curriculum. The project scope will include renovation of all major building components as well as



an expanded footprint and the addition of a fourth story to provide a total of approximately 70,000 gross square feet of program space. The goal of the project will be to provide new capacity to accommodate at least 600 additional student FTE's. This continued phased development will move toward achieving a "critical mass" size for the Tacoma campus to meet the needs of a comprehensive 4-year institution and enable efficiencies of scale and operations.

***6. UW Tacoma Phase IV – Predesign (\$500,000)***

The projected additional growth at UW Tacoma will necessitate continued development of the campus towards a "critical mass" for efficiency in academic program development and overall operations. The program for Phase IV facilities at UW Tacoma may include a mix of uses such as instructional spaces (e.g., classrooms, lecture halls, seminar rooms, computer labs, and class labs), faculty offices, parking and physical plant infrastructure, and other spaces as needed to meet the functional requirements of planned capacity and program growth.

***7. Restore the Core: Miller Hall - Predesign/Design (\$4.0 million)***

Constructed in 1922, Miller Hall is a prominent Collegiate Gothic style building on the east side of the renowned central campus quadrangle. Miller Hall has been prioritized for capital funding as part of the University's ongoing "Restore the Core" renovation program to restore and modernize buildings in greatest need of renovation as documented in the June 2004 *University of Washington Building Restoration and Renewal Prioritization Study*. Miller Hall currently houses the School of Education and will continue to do so after the renovation.

***8. Restore the Core: Anderson Hall - Predesign/Design (\$2.5 million)***

Constructed in 1925, Anderson Hall was designed by Bebb & Gould to house the Forestry Department. Anderson Hall has been prioritized for capital funding as part of the University's ongoing "Restore the Core" renovation program to restore and modernize buildings in greatest need of renovation.

***9. Safe Campus (\$8.0 million)***

Funding is requested for the installation of a new campus communication system on the Seattle campus to respond to building emergencies including fire, explosion, hazardous material spill or release, bomb threat, power outage, and similar emergencies. The new system will provide "mass notification" via the building fire alarm speakers and provide a means to allow "mass ventilation" shutdown from a central location to avoid smoke/chemicals being brought into the buildings from the air intakes.

***10. House of Knowledge Longhouse – Predesign/design (\$1.5 million)***

The University is requesting state funding for predesign and design of a House of Knowledge (longhouse style). This facility has enormous potential to positively influence, educate, and serve our region and state. Since 1993, longhouse-style facilities have been built on several university campuses in the northwest, generating much excitement and support from the Native and non-Native communities and resulting in positive changes with respect to Native recruitment and retention. The UW longhouse would serve as a symbol to Indian and non-Indian communities of the University's and the state's commitment in supporting Native American education and research. In addition, it would provide a place for all people to gather and share in the pride, history and cultures of the Northwest Coast Native peoples.



***11. Biological & Environmental Sciences Building – Predesign/design (\$8.0 million)***

Biology is the gateway for all allied health sciences and provides service education for a wide swath of disciplines on campus in many different colleges. This new building will combine state-of-the-art research and teaching labs, classrooms, lecture halls, conference spaces, an active research and teaching greenhouse, genetic resource collections, herbaria, display space, and shared support space. The building will incorporate new designs for teaching labs that increase efficiency for laboratory and classroom instructional experiences, and the newest technologies for sustainable construction. It will be one of the “greenest” public buildings in the world. Under our current infrastructure, the Department of Biology cannot provide adequate educational opportunities for the students in the State of Washington. This is occurring at a time when there is an overwhelming national need for education in the Biological Sciences.

***12. Global Public Health & Pharmacy Building (\$8.0 million)***

State funds are requested to address an acute space shortage within the health sciences that impedes the ability to grow enrollments and modernize education and training programs. The opportunity to increase enrollment is directly linked to the availability of effective instructional space, student access to teaching faculty, responsiveness of academic programs to areas of critical state need in employment opportunities, and high technology support resources to ensure our graduates’ competitiveness. As described in the Higher Education Coordinating Board’s 2008 Strategic Plan, expanding access to education is essential to address the state’s areas of critical need in the workforce. In response, within the Health Sciences, expanded enrollments are under consideration by the Regional Initiatives in Dental Education Program (RIDE) program, have been emphasized by the accrediting bodies of the Schools of Nursing and Pharmacy (both considered areas of critical state need for Washington), and stimulated by strong student interest in new Public Health, Global Health and Nutritional Sciences undergraduate majors.

***13. UW Tacoma Land Acquisition/Remediation (\$5.0 million)***

In order to meet its access mission, UW Tacoma is expected to grow significantly in the next ten years. Campus enrollment growth from autumn 2008 to 2017 is expected to increase from 2,425 to 5,455 FTE. At full build-out, the campus is planned to accommodate 10,000 student FTE. The University’s request for funding to acquire additional properties within the 46-acre footprint will provide the opportunity to continue the critical acquisition of land for the campus. Currently, the University owns approximately 60% of the entire 46-acre footprint. Approximately six acres of individual parcels remain to be acquired with an estimated cost of approximately \$20 million. The University has identified several parcels that will need to be acquired in the next biennium that total \$5 million. Funding is needed to acquire parcels when they are available for sale and to continue development of the campus to accommodate enrollment growth. The acquisition of critically needed parcels in the next biennium will allow for the expansion of student life facilities – including housing – within the next 3 to 5 years.

***14. UW Technology – Data Network (\$5.0 million)***

The University’s computing infrastructure plays a critical role in the support of the University’s mission. Students, professors, and researchers are accessing, exchanging, compiling, and storing ever expanding volumes of their work on computer networks. Computing at major teaching and research institutions like the UW has evolved from basic forms of communication to the assembly, transfer, and storage of large data sets, including high-bandwidth-consuming scientific images. Overall network traffic since 1993 has increased at an exponential rate. Indeed, in just the last eight years it has grown from just under 1 million bytes per day to almost 60 trillion. To support this requirement it is necessary to continually upgrade the overall campus network and the infrastructure in the University’s 220 buildings



***15. Guthrie Hall Renovation (\$8.5 million)***

The existing vivarium in Guthrie Hall is in very poor condition. Built in 1973 and remodeled occasionally, it includes facilities in scattered locations on three floors. Notes from the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) representatives' visits indicate that the guideline violations are numerous and egregious. Conditions include, but are not limited to the following: exposed wood, exposed cavities, nooks and crannies that may harbor vermin, porous ceiling tiles, peeling epoxy paint on the walls and floors, damaged floor base, systems without emergency power, less than ten air changes per hour.