

Project Title	2006 Agency Priority Ranking	Agency Project Request for State Funds (\$ by Session)				Governor's Recommendations 2006	Governor's Planning Estimate	
		2006	2008	2010	Total		2008	2010
HEAPR		\$80,000	\$0	\$0	\$80,000	\$0	\$0	\$0
Medical Research Building/Infrastructure-Phase I		40,020	0	0	40,020	0	0	0
Science Teaching and Student Services		38,686	0	0	38,686	0	0	0
Carlson School of Management Expansion		24,679	0	0	24,679	0	0	0
Bio-System Agricultural Engineering Renovation		18,676	0	0	18,676	0	0	0
Labovitz School of Business and Infrastructure		15,341	0	0	15,341	0	0	0
American Indian Learning Resource Center		4,002	0	0	4,002	0	0	0
Regional Centers and Stations		2,668	0	0	2,668	0	0	0
<b>Total Project Requests</b>		<b>\$224,072</b>	<b>\$0</b>	<b>\$0</b>	<b>\$224,072</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**2006 STATE APPROPRIATION REQUEST:** \$80,000,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** Twin Cities, Crookston, Duluth, Morris, and Itasca

#### Project At A Glance

- ◆ Health and Safety funds are used by the University to meet basic obligation of providing a safe, accessible environment for students, employees, and visitors
- ◆ Replacing building components like roofs, elevators, chillers, windows, and mechanical systems extends the useful life of existing facilities
- ◆ The investment in district cooling infrastructure reduces the risk to research caused by aging and unreliable climate control equipment by replacing obsolete individual units with a centralized cooling systems.

#### Project Description

HEAPR funds will be used system-wide to maximize and extend the life of the University's existing physical plant. Individual projects will fall into one of four broad categories:

- ◆ Health, Safety and Accessibility
- ◆ Building Systems
- ◆ Utility Infrastructure
- ◆ Whole Building Renewal

#### Project Rationale

The University's capital budget principles emphasize investment in existing facilities to extend their useful life and to ensure the health, safety, and well being of their occupants. All projects included in this HEAPR request are consistent with those principles and will improve the University's facilities in support of strategic goals. All projects are also consistent with the statutory

definition of HEAPR (M.S. 135A.046) which includes "code compliance, including health and safety, Americans with Disabilities Act requirements, hazardous material abatement, access improvements, or air quality improvement; building or infrastructure repairs necessary to preserve the interior and exterior of existing buildings; or renewal to support the existing programmatic mission of the campuses". Individual projects have been identified through the University's capital planning process, and were prioritized according to established criteria.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

## Medical Research Building/Infrastructure-Phase I

**2006 STATE APPROPRIATION REQUEST:** \$40,020,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota Minneapolis Campus

#### Project At A Glance

- ◆ This project is the outcome of the clinical district planning effort and supports the President's initiatives in Human Health and Translational Research.
- ◆ Continued investment in high-quality research space and modern equipment is required for the University to retain the most productive faculty, recruit the best new researchers and compete for external funds.
- ◆ This project will also upgrade the infrastructure in an expanding area of the Minneapolis campus.

#### Project Description

This request is for funds to construct the first phase of a two-phase Medical Research Building for the Academic Health Center. This facility will include space for medical investigators, lab and lab support, faculty offices, and program/administrative support services. In addition, infrastructure upgrades needed to support the new facility will also be incorporated into this project.

#### Project Rationale

The Medical Research Building is needed to accommodate continued expansion of research for both the Medical School and the Institute of Technology. The project will provide Laboratory and support space to accommodate investigators who will be moved from Hasselmo Hall to provide additional space for the rapidly growing biomedical engineering and medical devices programs of the Institute of Technology.

Laboratory space for new investigators who are part of Medical School's strategic investment plan in areas such as cancer, immunology, and pharmacology will be a major component of this new facility. Research will be oriented to the basic sciences, which do not require adjacency to the clinics and the hospital. In addition, Bio-safety level 3 (BSL3) laboratories for research on infectious diseases will also be constructed. The University currently has no laboratories that meet the BSL3 requirements. Laboratories of this level of quality and sophistication are essential to qualify for sensitive research sponsored by the National Institutes of Health and the Centers for Disease Control.

In order to best serve this growing area of the Minneapolis campus, utility infrastructure improvements and environmental cleanup necessary for the new building and for future research facilities on adjacent sites will also be undertaken with this project. Interconnections between the Translational Research Facility, Center for Magnetic Resonance Research, and the Medical Research Building are also needed to improve the operational efficiency of the research complex.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

## Science Teaching and Student Services

**2006 STATE APPROPRIATION REQUEST:** \$38,686,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota Minneapolis Campus

#### Project At A Glance

- ◆ The new building will create modern science teaching classrooms and provide an opportunity to fundamentally rethink the provision of basic student services
- ◆ This project will demolish the obsolete Science Classroom Building and obsolete located on the river.

#### Project Description

This request is for funds to construct a new classroom/student services building at the centrally located bridgehead site on the University's Minneapolis Campus. This facility will include large-scale science classrooms and University-wide student services such as academic counseling, career counseling, registration, and bursar services.

#### Project Rationale

This prominent, centrally located site has one of the highest concentrations of pedestrian traffic on the entire Minneapolis campus and provides convenient access to nearly all University student services and academic programs. The Science Teaching and Student Service Center will provide large classroom space and a consolidated academic/transactional student services function in one centralized location at a premier site in the heart of the campus. In addition, creation of large classroom facilities allows the future renovation of the physics building (Tate Hall) with little or no disruption of the integrated classroom schedule.

The University of Minnesota has made a concerted effort system-wide to improve the quality of its general-purpose classrooms. On the Twin Cities Campus, for example, the Office of Classroom Management (OCM) has in the past five years made basic improvements to 160 classrooms and has installed video projection technology in 44 classrooms. Most of the major classroom renovations on each campus have been accomplished in the course of larger facility renovation projects (e.g. Ford Hall, Murphy Hall) and new building construction. The construction of the Science Teaching and Student Services Center will continue the classroom improvements sought by OCM.

The University has long sought to consolidate its academic functions that serve students such as academic advising and career counseling with student transactional services such as registration, financial aid, and fee payment in a publicly-exposed, one-stop, easily accessible location. The proposed student services center at the Washington Avenue bridgehead site will be not only be student-oriented, but will provide a functional counterpoint to Coffman Union and its student activities focus.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

## Carlson School of Management Expansion

**2006 STATE APPROPRIATION REQUEST:** \$24,679,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota Minneapolis Campus

#### Project At A Glance

- ◆ The Carlson School of Management will better meet the needs of Minnesota's business community by turning out more graduates of the undergraduate business program and the full-time M.B.A. program with the addition of more classroom space.
- ◆ The Carlson School of Management is expanding its undergraduate business program by 75%.
- ◆ Fifty-three percent of incoming freshman are in the top five percent of their class. With average ACT scores of 28, they are in the top seven percent of students nationwide.
- ◆ To meet the competitive demands of incoming students and better facilitate the instructional process, classrooms will support different teaching methods using state-of-the-art information technology and equipment.

#### Project Description

This request is for funds to construct a new addition to the Carlson School of Management building on the West Bank of the University of Minnesota Minneapolis campus. The facility will include classrooms, offices, teaching laboratories, student services, and administrative support services.

#### Project Rationale

The Carlson School of Management (CSOM) is expanding its facilities to meet the needs of its undergraduate business and MBA program. The

current facility is undersized and not capable of accommodating the current level of enrollment and anticipated future growth in both its day and evening MBA programs. In addition, the new facility provides space for the Economics Department which would in turn relieve academic space shortages on the West Bank.

The present CSOM facility, completed in December 1998, had a profound effect on the Carlson School and its constituents. While the existing facility functions very well, it cannot accommodate the needs of a successful and expanding program. Dramatic changes in business education are creating new demands on and opportunities for the Carlson School that the current building cannot accommodate. Strong student demand, coupled with the changes in the budgeting policies of the University, has allowed growth in existing programs beyond the level anticipated in the previous financial environment.

The quality of its existing facilities has helped the Carlson School progress toward becoming one of the top public business schools in the country. Instruction programs have realized substantial gains, and an outstanding faculty continues to drive successful research initiatives. Further progress can be realized through the development of additional facilities that, in tandem with the current building, can accommodate growth in programmatically functional space.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

## Bio-System Agricultural Engineering Renovation

**2006 STATE APPROPRIATION REQUEST:** \$18,676,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota St. Paul Campus

#### Project At A Glance

- ◆ Brings together two related departments from the College of Natural Resources and the College of Agriculture into improved space to support research in bio-systems and bio-based products
- ◆ Renovates an historic building on the St. Paul Campus
- ◆ Provides for needed expansion space for programs on the north end of the St. Paul Campus while increasing the Campus' space efficiency

#### Project Description

This request is for funds to renovate the Bio-Systems Agricultural Engineering and Fisheries Lab building. Renovations will include full utility systems renovation, chiller plant connections, new instructional space, laboratory upgrades, office reconfigurations, and building code compliance.

#### Project Rationale

The Department of Bio-Systems and Agricultural Engineering applies engineering principles to important problems involving biological and agricultural systems. Examples of research include bio-processing, food engineering, water quality, waste and manure management, and machinery systems design.

The Department of Bio-Based Products focuses on materials, chemicals and energy derived from renewable bio-resources including forestry, agriculture, and other biomass. As substitutes for fossil fuel products, the components of

biomass can be used as alternative energy sources and converted to industrial and consumer products.

This project completely renovates and upgrades an historic campus landmark, while providing quality space for important research and teaching programs at the University. The project affiliates two groups with related interests, and advances the University goals of space consolidation and use efficiency.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

**2006 STATE APPROPRIATION REQUEST:** \$15,341,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota Duluth Campus

#### Project At A Glance

- ◆ A new building for the Labovitz School of Business and Economics will accommodate expanding undergraduate business and M.B.A. programs to meet the needs of Minnesota's business community.
- ◆ The current facility is undersized and not capable of accommodating additional program growth in undergraduate, M.B.A., and distance education programs.
- ◆ New classroom space will be allow for more flexibility in teaching as opposed to the current tiered fixed-seating case study rooms.
- ◆ The new building will allow for the use of state-of-the-art technology such as Internet access, network connections, and projection systems.

#### Project Description

This request is for funds to construct a new building for the Labovitz School of Business and Economics on the Duluth Campus. The facility will include classrooms, offices, teaching laboratories, student services, and administrative support services. The project will also include upgrades to the campus' central utility distribution system needed to accommodate demand from new and renovated facilities

#### Project Rationale

The Labovitz School of Business and Economics (LBSE) is expanding its facilities to meet the needs of its undergraduate business program. The current facility is undersized and not capable of accommodating the current

level of enrollment. The existing building was planned for 1,200 undergraduates. The school has more that 1,750 students and projects and enrollment of 1,800 by the time the proposed facility is scheduled to open. The existing building was not designed to accommodate either the MBA program or distance education, two current campus programs.

The present LSBE building was completed nearly 20 years ago. The building was designed to facilitate a 1980s-style business and management curriculum. Changes in technology and pedagogy in the past 20 years have made the building functionally obsolete. All the classrooms in the building were designed as tiered fixed-seating case study rooms. These classrooms, in addition to being inflexible, are too small for undergraduate instruction, resulting in more sections and higher instructional costs. Classrooms lack protection systems, internet access, and network connections.

Campus enrollment has grown significantly in the last decade, creating a need for more classrooms, student support space, and faculty offices. Construction of a new business school will allow other academic programs to use the vacated space in the existing building, relieving some of the space deficiency.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)

## American Indian Learning Resource Center

**2006 STATE APPROPRIATION REQUEST:** \$4,002,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** University of Minnesota Duluth Campus

#### Project At A Glance

- ◆ The American Indian Learning Resource Center exists to enrich the cultural, academic, supportive, and social environment of the UMD campus.
- ◆ Their mission is to increase the recruitment and retention of American Indian and Alaskan Native students, while promoting a more culturally diverse campus environment.
- ◆ The new facility will help this important program improve its services and to serve more students.

#### Project Description

This request is for funds to construct a new facility for the University of Minnesota-Duluth's American Indian Learning Research Center. This new Center will house student service programs, classrooms, a computer lab, conference rooms, a Great Room for large gatherings, and provide office space for the Campus' 17 different Indian Programs – one of the largest American Indian programs in the entire country.

#### Project Rationale

American Indians comprise the largest minority population on the UMD campus. UMD has developed a strong support system which results in graduation rates significantly higher than national norms. Its outreach activities include a teacher education program at Fond du Lac Community College and an early childhood education program at Red Cliff Indian Reservation in Wisconsin. This facility would provide a strong sense of

identity for American Indian students on campus. Other institutions which have created such a space have found it to be extremely beneficial in meeting academic achievement goals.

The American Indian Learning Resource Center exists to enrich the cultural, academic, supportive, and social environment of the UMD campus with a mission to increase the recruitment and retention of American Indian and Alaskan Native students, while promoting a more culturally diverse campus environment. Currently, facilities and services serving UMD's American Indian population is spread throughout the UMD campus in a variety of buildings.

The new American Indian Learning Resource Center will consolidate programs serving the American Indian population into a conveniently located facility and will provide services and facilities for both academic and student service programs. These facilities will include new classrooms, computer labs, conference rooms, a great room, and support offices for both faculty and student service programs. By consolidating these functions in one location, the American Indian student population can be better served by the University of Minnesota.

#### Impact on Agency Operating Budgets (Facilities Notes)

#### Previous Appropriations for this Project

#### Other Considerations

#### Project Contact Person

#### Governor's Recommendations (To be completed by the Department of Finance at a later date)



**2006 STATE APPROPRIATION REQUEST:** \$2,668,000

**AGENCY PROJECT PRIORITY:**

**PROJECT LOCATION:** A. North Branch, B. Cloquet, C. Morris

#### Project At A Glance

- ◆ Research conducted at the Research and Outreach Centers (ROCs) provides practical support to the agricultural, horticultural and natural resources sectors of the state's economy.
- ◆ Scientists at the ROCs conducted applied research addressing issues related to production agriculture, horticulture, forestry, sustainable, ecosystems, food safety, the rural economy, and urban-rural interface.

#### Project Description

This request is for funds to design and prepare construction drawings, furnish, and equip projects at three research and outreach centers (ROCs). The facilities included in this request will increase the capacity of the Minnesota Research and Outreach Centers to conduct applied research in agriculture, natural resources, and biological sciences, and will enhance the University's ability to deliver educational programs to citizens throughout Greater Minnesota.

##### A. Cedar Creek Natural History Area

This request is for funds to construct new faculty/student housing at the Cedar Creek Natural History Area (CCNHA). It would include individual cabins for visiting faculty/researchers and communal housing for students and would replace the current substandard housing found at CCNHA.

#### Project Rationale

The CCNHA is an internationally known research laboratory dedicated to understanding the planet's changing ecosystems. The proposed facility improvements and expansions would significantly increase the efficiency of the research activities. Renovations and upgrades at Cedar Creek will support and manifest the University's Initiative on the Environment and Renewable Energy, will lend more visibility to the University's prominent resources in environmental research and provide credibility to the University's emerging and timely civic engagement in the area.

In 1981, only a handful of researchers worked at CCNHA. This past summer more than 130 faculty, post-doctoral researchers, graduate students, staff, and undergraduate research interns worked there. The very success of research at Cedar Creek and the steady growth of activities have severely overtaxed the facility's research and housing infrastructure and the lack of outreach facilities is limiting researchers' ability to share the results and impact of research projects.

##### B. Cloquet Forestry Center Classroom Addition

This request is for funds to improve efficiency and increase capacity at the Cloquet Forestry Center by remodeling the Administration Building to consolidate offices and to add additional classroom, educational support space, storage, restroom, and other support services. Also included is an upgrade of the HVAC system serving the Administration building.

#### Project Rationale

The Cloquet Forestry Center (CFC) is a key facility for educational programs and policy meetings related to forestry and other natural resources, hosting approximately 10,000 individuals annually. CFC became a regional center for the University of Minnesota Extension Service in January 2004. This created need for additional office space (temporary space is currently being used for some CFC employees) and expanded facilities for College of Natural Resources (CNR) and Extension educational and outreach events. Reconfiguring existing space will provide adequate and more efficient office space for Center personnel, faculty who teach field sessions, and researchers working on field studies. The new space will increase capacity for educational activities, locate classrooms and support functions

## Regional Centers and Stations

(registration, food service, etc.) in close proximity, and create a new “front door” for users of the Center. It will connect three core buildings at the Forestry Center, providing better accessibility and efficiency.

**C. West Central Regional Outreach Center**

This request is for funds to construct an addition to the West Central Regional Outreach Center that will provide increased educational space and areas for office clusters as well as being an integral component of the University of Minnesota Renewable Energy Research and Demonstration Center at Morris. The addition will not only serve as an expansion for much needed space in the current WCROC Administration Building, but will also provide a platform for education, research and demonstration around solar and efficient building technologies.

**Project Rationale**

The University of Minnesota’s Renewable Energy Research and Demonstration Center is being developed at the WCROC. Research at the Center is focusing on rural and agricultural resources, such as wind, biomass and bio-fuels, as renewable energy sources that will diversify the nation’s energy portfolio, enhance economic prospects for rural areas, and improve environmental quality.

Expansion and remodeling of the existing Administration Building is proposed to create a facility that will be the focal point of the Renewable Energy Research and Demonstration Center. The addition will provide a living laboratory for renewable energy research and sustainable building design, and will offer innovative educational experiences for students and guests from Minnesota, the nation, and the world. The addition will also be a model of sustainable design for industry, communities, and individuals.

The proposed addition will consist of additional offices, meeting rooms, and demonstration space. Remodeling of the 9,700 gross square foot office building, constructed in 1979, is necessary to provide accessibility for persons with disabilities, to install a fire suppression system, to upgrade building systems, and to renew interior finishes.

**Impact on Agency Operating Budgets (Facilities Notes)****Previous Appropriations for this Project****Other Considerations****Project Contact Person****Governor’s Recommendations (To be completed by the Department of Finance at a later date)**