

2014 State Capital Request

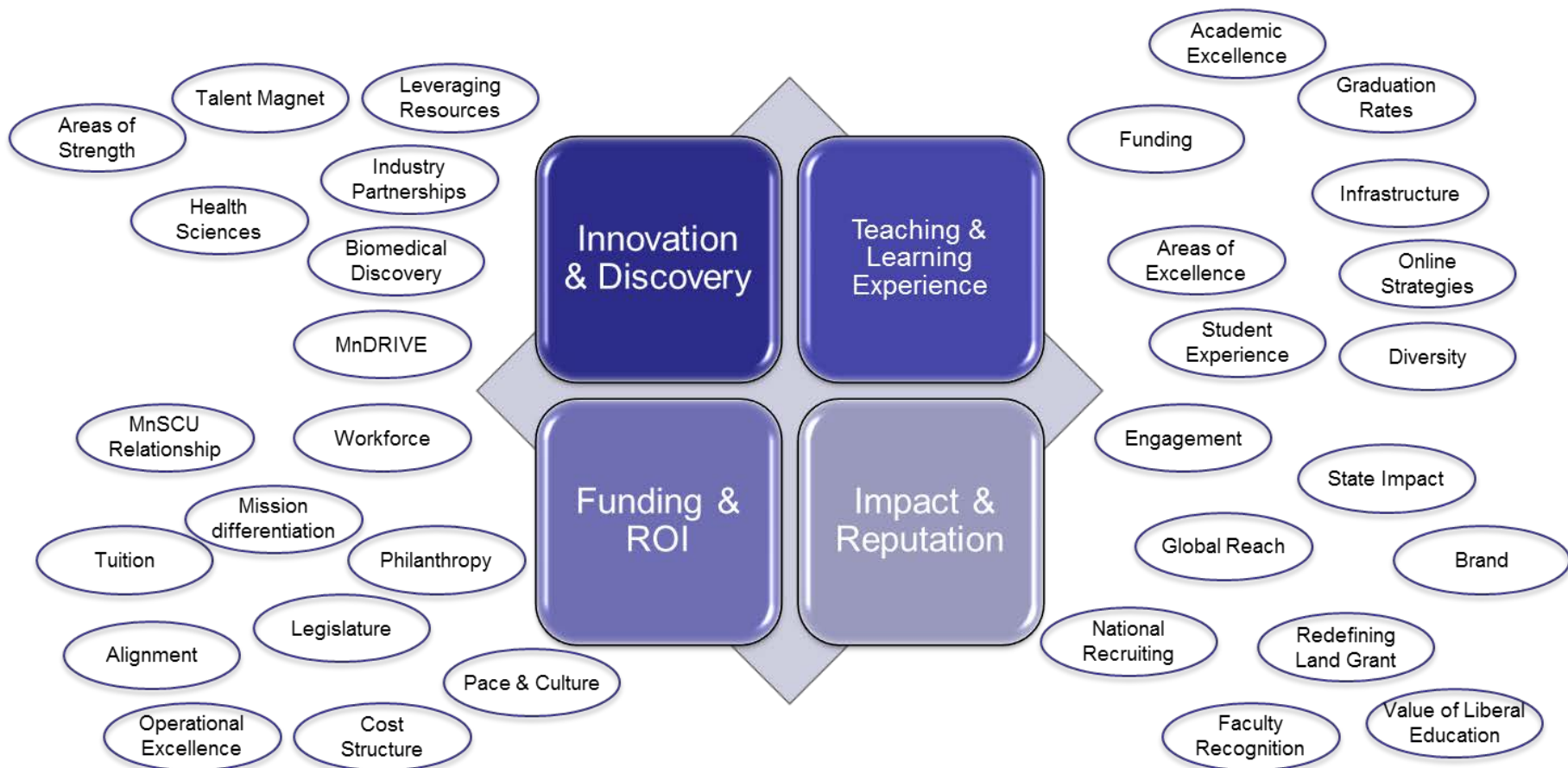
Board of Regents Facilities and Operations Committee
September 12, 2013



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Aligning Capital Projects to the Platform of Excellence



Timeline

- September 13, 2013
 - Board of Regents review of the 2014 State capital request
- September - October 2013
 - Legislative Tours
- October 14, 2013
 - Board of Regents approval of the 2014 State capital request
- January 15, 2014
 - Governor's capital investments recommendation deadline
- February 25, 2014
 - Legislature reconvenes
- May - June 2014
 - Board of Regents action on FY 2015 capital budget



Financial Summary

Location	Project	Request <i>dollars in thousands</i>		
		Total	State	U of MN
SYSTEM	HEAPR	\$ 100,000	\$ 100,000	\$ -
UMTC	Tate Science and Teaching Renovation	\$ 85,000	\$ 56,667	\$ 28,333
UMTC	Microbial Sciences Research Building	\$ 45,000	\$ 30,000	\$ 15,000
UMC	Campus Wellness Center	\$ 15,000	\$ 10,000	\$ 5,000
Systemwide	Research Laboratory Improvement Fund	\$ 18,000	\$ 12,000	\$ 6,000
UMD	Chemical Sciences and Advanced Materials Building	\$ 36,000	\$ 24,000	\$ 12,000
	Total:	\$ 299,000	\$ 232,667	\$ 66,333



Higher Education Asset Preservation and Replacement (HEAPR)

Systemwide

\$100,000,000 project funds

\$100,000,000 state share

Project Description

- *HEAPR funds maximize and extend the life of the University's existing inventory of buildings and facilities, sustaining prior U of M and State building investments.*
- *Individual projects fall into one of four categories: health and safety, utility infrastructure, building systems, or energy efficiency.*

Project Rationale

- The University's mission will be compromised without continued, sustained investment in buildings and infrastructure.
- Strategic investments targeted to mission critical buildings will improve energy efficiency and reduce long term operating cost.
- HEAPR is always included in the Six Year Plan.
- Top priority projects include Mechanical Engineering (Twin Cities campus).

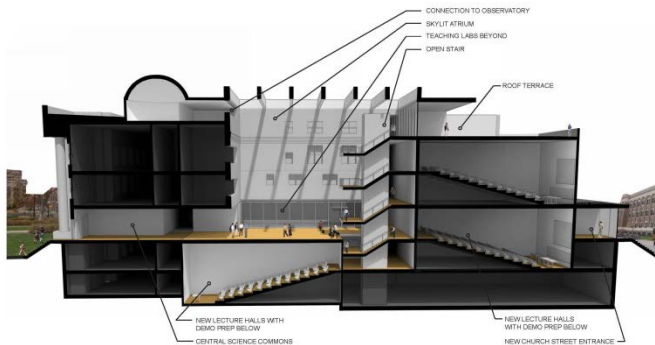


Tate Science and Teaching Renovation

Twin Cities campus

\$85,000,000 project cost

\$56,600,000 state share



Project Description

- *This request is for funds to renovate Tate Laboratory building for use by the School of Physics and Astronomy and the School of Earth Sciences.*

Project Rationale

- Reinvestment in Tate Laboratory is needed to accommodate academic units in growth mode.
- The building is planned to create a concentration of learning spaces for undergraduate science and engineering classes, and to create new research spaces for earth scientists, experimental physics theorists, and astronomers.
- The physical location and size of Tate Laboratory reinforces its status as a long term campus investment. The renovation will allow for Pillsbury Hall to be renovated and consolidate an academic neighborhood.



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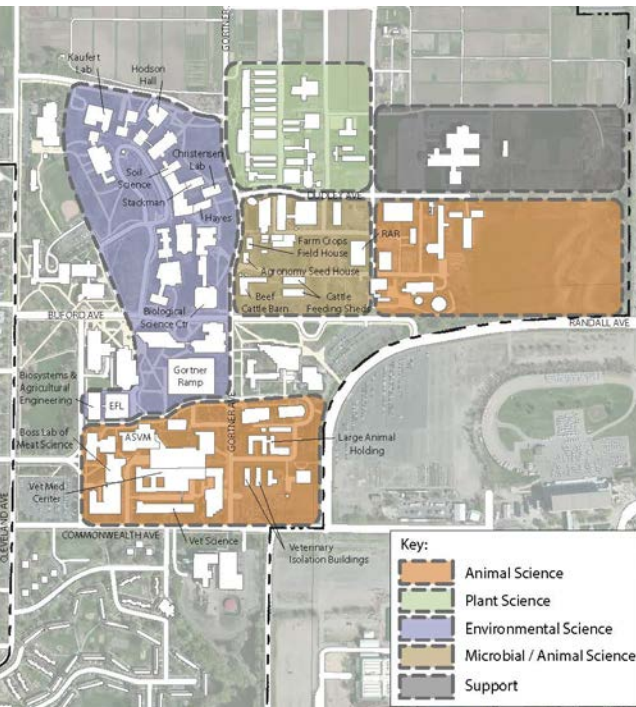
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Microbial Sciences Research Building

Twin Cities campus

\$45,000,000 project cost

\$30,000,000 state share



Project Description

- *This request is for funds to create a laboratory facility on the St. Paul campus shared by the College of Biological Science, the College of Food, Agricultural, and Natural Resource Sciences, and the College of Veterinary Medicine. The project will also result in decommissioning obsolete research buildings.*
- *This project will be the first component in the University's St. Paul research laboratory improvement program currently planned for the 2014 and 2016 capital requests.*

Project Rationale

- Research activity on St. Paul Campus will retain University competitiveness and allow specialized research functionality in fields such as plant pathology, animal infectious disease, microbial systems, and synthetic biology.
- Upgrades to laboratory space are warranted by age, condition, and suitability of current inventory of space.



Campus Wellness Center

Crookston campus

\$15,000,000 project cost

\$10,000,000 state share



Project Description

- *This request is for funds to design, renovate, and expand the existing campus wellness center at the Crookston campus.*
- *The investment will renovate existing space and create additional capacity for the wellness facility.*

Project Rationale

- Expansion of the current facility was identified as highest priority in the 2010 Campus Plan update.
- An adequately sized, high-quality recreational facility is essential to the future vitality of the campus as it strives to recruit and retain UMC students. Facilities like this are the norm on four-year campuses today.
- Social integration of students in campus life is one of the most important markers of success. As students participate in activities such as peer associations and campus recreation/wellness, they develop strong social bonds to each other and the institution, which in turn enables student success.



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Research Laboratory Improvement Fund

System Wide

\$18,000,000 project cost

\$12,000,000 state share



Project Description

- *This request is for funds to replace the University's existing Bee Research Facility in the College of Food, Agricultural, and Natural Resource Sciences (CFANS), to replace obsolete greenhouses in the College of Biological Sciences, and to improve research infrastructure for the Aquatic Invasive Species Center.*
- *The remaining funds will be used for targeted investments in other system laboratory space.*

Project Rationale

- Leadership in research must be strengthened by replacing obsolete facilities and improving reliability and durability of facilities. These investments will be associated with emerging fields of study related to critical food safety, environmental, as well as energy challenges.



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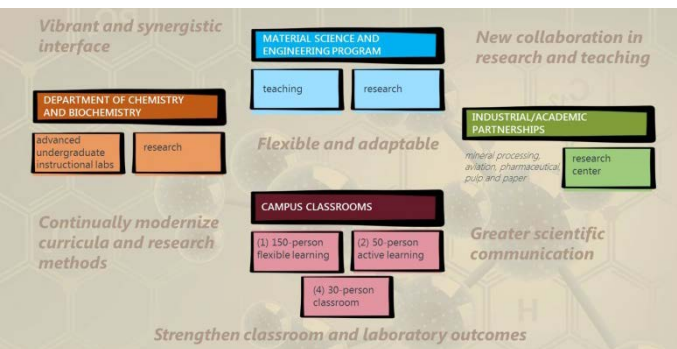
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Chemical Sciences and Advanced Materials Building

Duluth campus

\$36,000,000 project cost

\$24,000,000 state share



Project Description

- *This request is to construct a new building on the Duluth campus to support research and teaching in leading STEM fields of Chemistry and Biochemistry. The project will also support development of a Material Science / Engineering program.*
- *Renovation of existing space is likely to address research space needs and support partnerships with industry having shared interest in research on applied chemistry and advanced materials.*

Project Rationale

- Current facilities are not appropriate for renovation of instrument-rich, intensive use research activity. However, some of the current spaces can be renovated for less intensive uses.
- A new building located close to Chemistry and other Life Sciences-based activity will advance leading research and interdisciplinary teaching.



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