

UW-Stout Discovery Center Strategic Plan 2011-12

The Discovery Center 2011-12 Strategic Plan is prepared in alignment with the following UW-Stout Focus 2015 Goals and 2011-12 Campus Priorities.

FOCUS 2015 UW-Stout Goals

- Develop knowledge, respect and validation of differing values, cultures and beliefs in students, faculty and staff
- Expand early and ongoing experiential learning opportunities including undergraduate applied research and entrepreneurship
- Further develop and execute integrated enrollment management
- Focus on sustainability: Implement key elements of the President's Climate Commitment and educational and applied research initiatives

CAMPUS PRIORITIES 2011-12 and relationship to Discovery Center Strategic Plan (support of unit with goal ownership if outside of Discovery Center)

Goal 1: Offer high quality, challenging academic programs that influence and respond to a changing society

- Collaborate with academic programs to facilitate relevant shared objectives

Goal 2: Preserve and enhance our educational processes through the application of active learning principles

- Develop and implement student-faculty collaborative research initiatives that supports undergraduate research scholars and graduate research assistants (*CEHHS goal*)
- Increase the number of students participating in campus work experiences (*University Priority*)

Goal 3: Promote excellence in teaching, research, scholarship and service

- Develop specific plans to grow extramural research within each college
- Infuse research component into programs during PRC program review
- Develop collaborations with the Medical Device Initiative (*all colleges*)
- Incorporate expectations for applied research, grant writing and work with the Discovery Center into new faculty position descriptions (*all colleges*)
- Fund .25 release for faculty member to serve as liaison between CEHHS and Discovery Center (*CEHHS*)

Goal 4: Recruit and retain a diverse university population

- Complete initiatives related to recruiting, retaining and supporting a diverse student and employee population and providing an inclusive curriculum (*as outlined in the Inclusive Excellence Plan*)

Goal 5: Foster a collegial, trusting and tolerant campus climate

- Analyze the results of the UW System Campus Climate Study (*University Priority*)

Goal 6: Provide safe, accessible, effective, efficient and inviting physical facilities

- Engage in division-wide space planning for the purpose of consolidating departments and colleges and identifying appropriate space for growing units

Goal 7: Provide responsive, efficient, and cost-effective educational support programs and services

- Streamline research administration by implementing electronic management tools

Discovery Center Mission Statement

“The Discovery Center serves to advance UW-Stout’s polytechnic focus through applied research with a commitment to quality and innovation, transformative education, and interdisciplinary collaboration. By integrating UW-Stout’s applied research strengths, its faculty, staff and students, and its relationships with community and industry leaders, the Discovery Center creates collaborative partnerships and provides leadership for innovation-based and knowledge-driven solutions for businesses, student learning, and economic development”.

Purpose:

- Provide overall leadership for research enterprise strategy, while facilitating collaborations between UW-Stout and external stakeholders
- Assist Wisconsin, national and international companies and organizations to meet challenges in order to create next-generation technologies and products to benefit the region and state
- Provide an innovative environment for UW-Stout to engage in the creation and application of knowledge
- Move toward self-sustainability and revenue generation through technology transfer, extramural funding and industry contracts

2011-12 Discovery Center Strategic Goals and Related Strategies

Strategic Goal - Advance knowledge:

- Stimulate faculty and student creativity by facilitating research and creative experiences
- Provide broad opportunities for knowledge creation in a managed and measurable project setting
- Promote scientific, technology, and creative themes consistent with UW-Stout Colleges

Strategic Goal - Improve student education:

- Provide students with application of cutting edge technologies in real-world settings
- Support technical and non-technical disciplines through engagement in applied experiences linked to classroom learning
- Engage students with diverse academic, institutional and industry stakeholders in collaborative opportunities that bolster their intellectual and professional development

Strategic Goal - Add value to industry:

- Solve industry challenges through contract and sponsored research and development projects
- Match divergent academic and industry priorities and timelines to produce measurable outcomes
- Engage in focused and measurable professional technical assistance through industry outreach centers

Strategic Goal - Produce economic impact:

- Align UW-Stout programs and resources with relevant regional and State economic development and industry cluster initiatives
- Foster entrepreneurship through development projects and related entrepreneur training and assistance
- Target and execute technical assistance projects with measurable investment, profitability and job growth to enhance global competitiveness of industry partners