Capacity-Building Initiatives

2019-21 BIENNIAL BUDGET UPDATE

February 8, 2019
Capacity-Building Initiatives

• Designed to increase student success and output, with an emphasis on addressing the state’s workforce needs
Challenges

National Decline in High School Enrollment
Listening to the workforce
Solution

• Provide industry and regionally relevant degree programs
  ▪ clear pathways to four-year degrees
  ▪ strong skill development to add immediate value to the workforce
Proposed degree programs

- Associates Degree in Food and Agriculture
- Associates Degree in Accounting and Business Administration
- Associates Degree in Hospitality and Tourism (Baraboo)
- Associates Degree in Biology—with a focus on pre-health care
  - Physician (MD)
  - Physician Assistant (PA)
  - Bachelor of Science in Nursing (BSN)
  - Physical Therapy (PT)
- Associates Degree in Building Construction Management
Alignment with UW System priorities

• Affordable educational opportunities
• Increase enrollment and retention
• Provide a seamless pathway of transfer
• Use entrepreneurial and innovative educational practices early internship program
• Develop skilled graduates ready to enter workforce
Conclusion

• Unique proposal
• Collaborative effort
• Provide skill sets valuable to industry
• Provide seamless transition to four-year degree
A New Kind of Regional University
Capacity Building
UW-Stevens Point

- Expand Paper Science and Chemical Engineering
- Expand Computing and Data Analytics
- Three-Year Degrees
- Degree in Aquaponics/Aquaculture
- Increase Community Engagement through Internships and Undergraduate Research
• Wisconsin DWD forecasts 21.2 percent increase in Chemical Engineers needed by 2026.
• Amazon ships 1.6 million packages each day.
Computing and Data Analytics

Demand for graduates in Information Technology fields exceeds our current capacity.
• Fish and fish products are the single largest food commodities traded internationally.
• 80 percent of seafood consumed in U.S. is imported.
• 30 percent of U.S. aqua-businesses expanded in the past year.
• Year-round trimester schedule would be piloted at a branch campus.
• MBA in four years
Community Engagement through Internships and Undergraduate Research

Double the current number of business and community organizations served through community-focused, innovative undergraduate research and high-impact internships.
Persons with Disabilities

61 million in the U.S.

9.2% Unemployment rate
Disability Innovation and Employment Institute

- Corporate and Business Programming
- Continuing Education
- Statewide Partners/Contracts
- Research
- Workforce Development
Proposed New Base Funding

$728,900 salary and fringe for eight full-time employees
+ $290,000 supplies and expenses
+ $514,500 technology capital

= $1,533,400 Additional donor/partner funding
Our Place. Our Crisis. Our Obligation.

Mental health challenges and substance abuse are threatening Wisconsin.

As a public university, we share accountability for addressing this crisis.
Wisconsin has a high prevalence of mental-health issues.

Wisconsin Youth:

- 8th highest in US
- 4th highest in Nation for having at least one major depressive episode in the past year
- 2x more severely depressed youth than in states ranking lowest for depression
- 11.5% (51,000) cope with severe major depression
Wisconsin’s substance abuse problem is exploding

8 FOLD Increase in opioid-related deaths (1999-2015)

865 Wisconsinites died from a drug overdose (2016)

72,000 Americans died from drug overdoses (2017)
System stresses related to mental-health issues and drug abuse

**WORKFORCE**

- **Depleting** our workforce and student populations
- **Unemployment:** 65% of treated adults 21-64 were not in the workforce*
- **51,000 youth untreated** = 51,000 potential college students, employees, taxpayers and parents
  *Did not have a job or not looking for a job, including students, disabled, not working due to family responsibilities

**SCHOOLS**

- **Teachers are unprepared** to deal with mental-health crisis among students/families
- **Dire shortage** of school social workers and school psychologists
- **Ratio** of school social workers to students: **1:1,468** (recommended: 1:400)*
  *National Association of School Nurses

**HEALTHCARE**

- **Limited mental-health training:** Nurses are not receiving enough training on mental health and AODA issues to address warning signs in hospitals, primary care and community settings
- **Workplace injuries:** 40% of all industrial workplace fatalities are caused by substance abuse, thus escalating costs
Phoenix Connects: 7 Focused Initiatives

1. Build mental-health expertise in Nursing

2. Provide Alcohol and Other Drug-Abuse (AODA) training to future social workers, nurses and teachers

3. Launch a new School Psychology Program

4. Provide intervention training for future teachers

5. Expand ESL program region-wide

6. Offer training and education to individuals, organizations and small businesses on mental health and substance abuse

7. Establish a Center of Excellence at Manitowoc Campus to promote mental-health and drug-abuse education best practices
Phoenix Connects with New Curriculum

Nursing
• More mental-health content; 3 course minimum

Social Work, Education, Psychology, Pre-Med/Human Biology
• AODA courses across more disciplines

Psychology
• New Grad Program; +20 students in the field by Year 3

Education
• More mental-health and substance abuse content

Health Communications offerings
• 2-4 courses + internships
Phoenix Connects with Workforce Needs

• All 870 Nursing graduates with additional mental health assessment skills and knowledge
• 375 Social Work graduates with AODA emphasis
• 1,720 Nursing, Social Work & Education graduates with cultural competency or language credentials
• 40 new School Psychology graduates, all with language and culture training
• All 475 Education graduates with mental-health & substance abuse issues knowledge
• 62 Health Communications graduates to support regional healthcare needs
Phoenix Connects with Community Needs

- Annual Mental Health & Wellness Conference
- Mental Health & Drug Abuse Outreach Center
  - UW-Green Bay, Manitowoc Campus; Training Outreach Center brings help directly to populations in need
- K-12 mental-health modules
  - Local professional development for teachers; modules in 16 counties.
  - Offer to all school districts targeting 30% participation.
Investment

Long-term state Investment:

• $1.75 million/annually
Thank you for the opportunity to address this community crisis.
Capacity Building at UW–Madison

Chancellor Rebecca Blank
February 8, 2019
Computer Science

- 1,600 majors, up from 300 in 5 years

Capacity Building Initiative:
- Add 2,000 seats in high-demand classes
- Create a new undergraduate degree in Data Science
- Graduate 800-1,000 more students in Computer/Data Science over next 5 years
Engineering

• 30% increase in Engineering majors
• With the right facilities, we can grow

Capacity Building Initiative

• Add 800 additional spots
• Ease course bottlenecks
• Develop new courses
• Attract/retain more underrepresented students
• Graduate 650 more engineers over the next 5 years
Business

• 7,700 students apply to 2,700 spots
• Qualified students who are not accepted leave WI

Capacity Building Initiative
• Add 300 additional spots
• Offer more high-demand courses online
• Expand courses in growing areas
Nursing

- 450 students for 160 spots
- Qualified students who are not accepted add time to their degrees in order to re-apply

Capacity Building Initiative

- Add 40 new spots, a 25% increase
- Keep nursing-education technology up-to-date
Capacity Building at UW–Madison

Chancellor Rebecca Blank
February 8, 2019
Capacity-Building Initiatives

2019-21 BIENNIAL BUDGET UPDATE

February 8, 2019