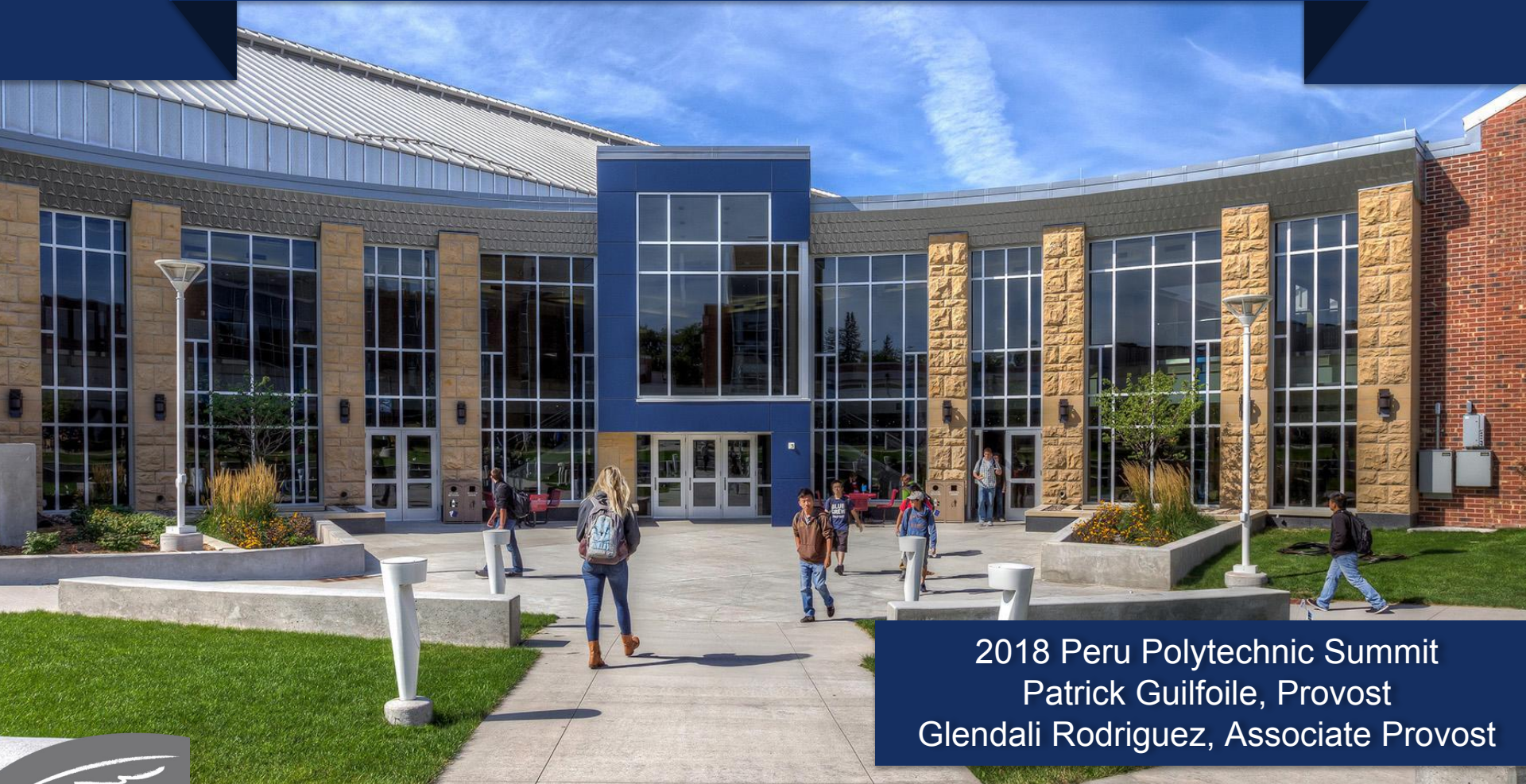
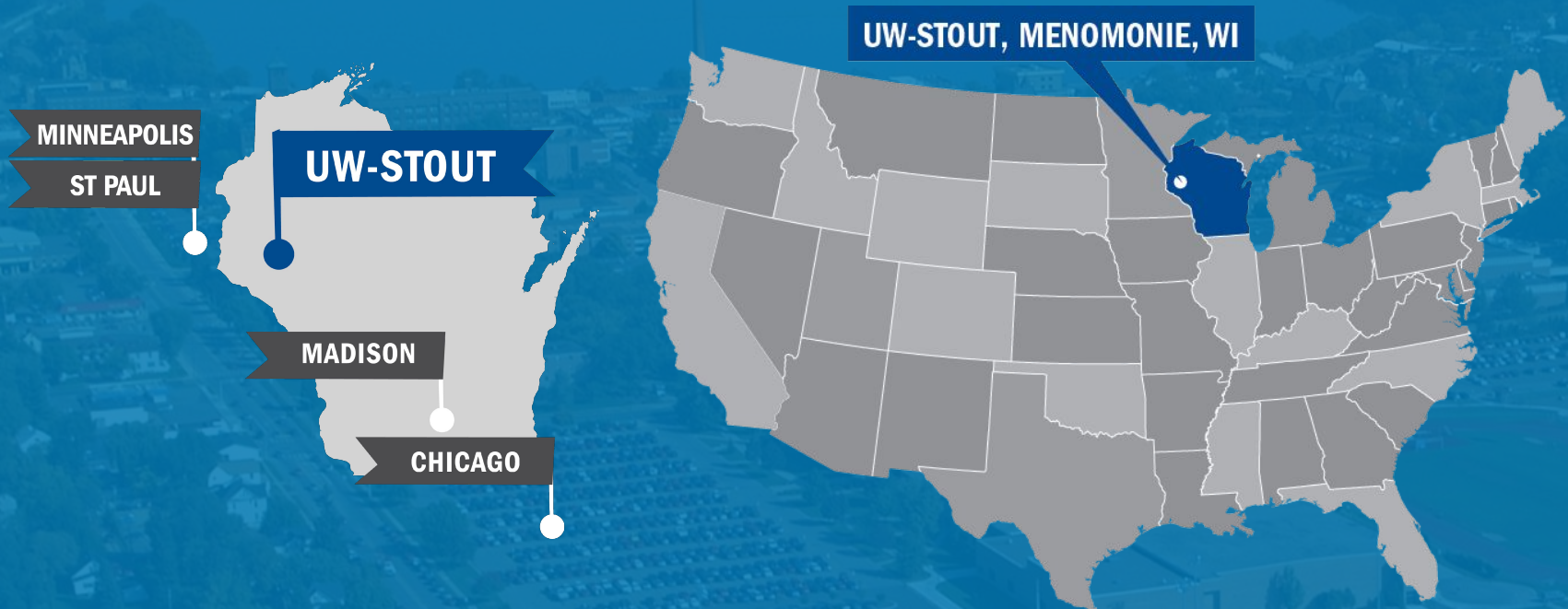


THE EVOLUTION OF A POLYTECHNIC UNIVERSITY



2018 Peru Polytechnic Summit
Patrick Guilfoile, Provost
Glendali Rodriguez, Associate Provost

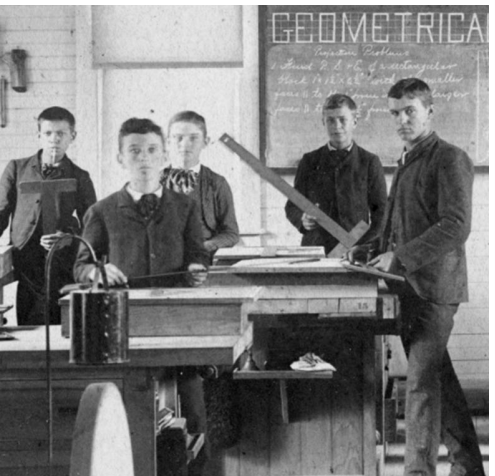
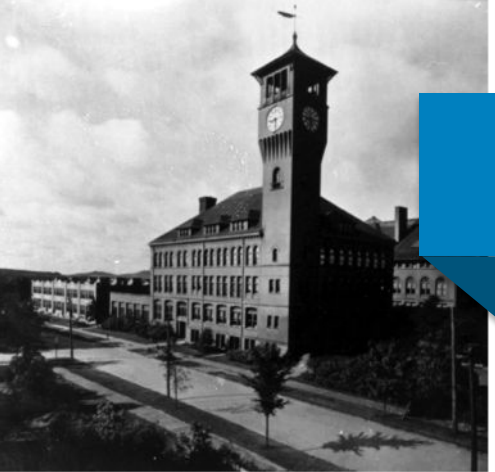
LOCATION



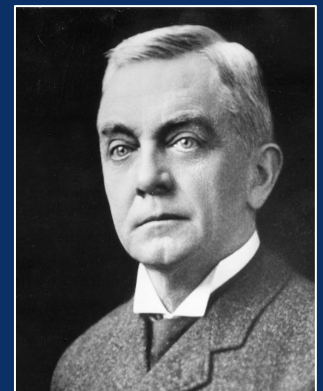
UNIVERSITY WISCONSIN SYSTEM



125+ YEARS OF HISTORY



- Founded 1891 – Stout Manual Training School
- James Huff Stout – applied learning and career-focused
- Did not begin as Teacher Education institution; transitioned to exclusively Teacher Education institution; then diversified
- 2007 Formal designation – Wisconsin's Polytechnic University
- Designation confirmed 100+ year history of polytechnic spirit



UW-STOUT



98.2%

Employment and continuing education rate for graduates

1,600

Average graduates each year

- Student population of 9,400+
- 20% of credits delivered online
- 49 undergraduate majors
- 24 graduate majors
- 1,305 employees
- Discovery Center

POLYTECHNIC IDENTITY

- Polytechnic blend of applied learning and liberal arts
- Diverse campus disciplines
- Each seeking value and representation
- A common language: our tenets



POLYTECHNIC TENETS



CAREER FOCUS

OFFERING A COMPREHENSIVE CURRICULUM THAT PREPARES GRADUATES FOR PROFESSIONAL CAREERS.



APPLIED LEARNING

BLENDING THEORY WITH PRACTICE TO PRODUCE INNOVATIVE SOLUTIONS TO REAL-WORLD PROBLEMS.



COLLABORATION

WORKING CLOSELY WITH BUSINESS, INDUSTRY AND OTHER EDUCATIONAL INSTITUTIONS TO BENEFIT STUDENTS AND GROW THE ECONOMY.

BUSINESS AND INDUSTRY TIES

DISCOVERY CENTER

~200 COLLABORATIVE PROJECTS

FAB LAB

2500 HOURS OF MACHINE TIME ANNUALLY

PROGRAM ADVISORY BOARDS

70+ REQUIRED IN EACH PROGRAM

MANUFACTURING OUTREACH CENTER

\$20M BENEFITS TO INDUSTRIAL COLLABORATORS

CAREER CONFERENCES

2 OF THE LARGEST IN THE MIDWEST

STOUT TECHNOLOGY & BUSINESS PARK

403 ACRES; COLLABORATION BETWEEN
UNIVERSITY & BUSINESSES

UW-STOUT'S ECONOMIC IMPACT

OVERVIEW OF ECONOMIC IMPACT RESULTS

\$271.8 million

TOTAL INCOME SUPPORTED
IN THE REGION

4,624

JOBS SUPPORTED IN THE REGION

15%

RATE OF RETURN TO STUDENTS

15%

RATE OF RETURN TO TAXPAYERS

2%

OF REGION'S GRP

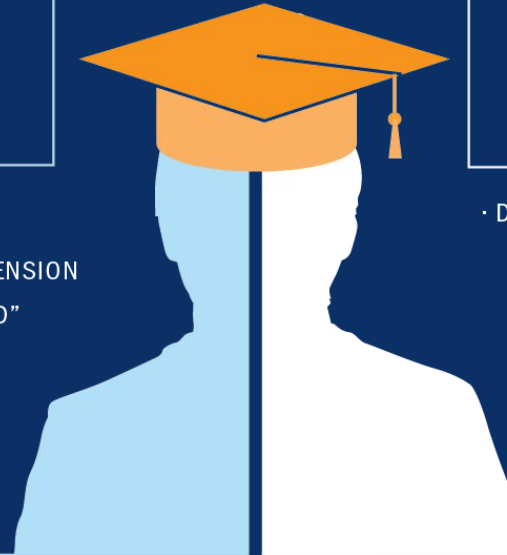


WISCONSIN'S POLYTECHNIC



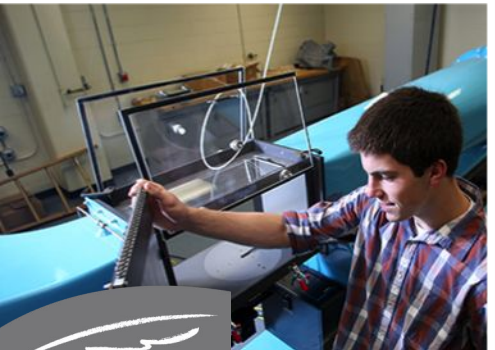
APPLIED LEARNING

- INCORPORATES TOOLS TO EVALUATE, CREATE, AND SHAPE HUMAN COMPREHENSION
- EMPHASIZES "REAL WORLD" AND "HANDS-ON" LEARNING EXPERIENCES



LIBERAL ARTS

- DEVELOPS CRITICAL THINKING, COMPLEX PROBLEM SOLVING, COMMUNICATION AND LEADERSHIP SKILLS
- INTRODUCES STUDENTS TO A VARIETY OF DISCIPLINES



EXPERIENTIAL LEARNING

95.8%

Of graduates participated in an experiential learning experience

CLASSROOMS

3x

More labs than classrooms



UNIVERSITY OF WISCONSIN-STOUT
Learn more at www.uwstout.edu

DISTINCTIVE PROGRAMS



RESPONSIVE DEGREES

Six career cluster areas

RESPONSIVE DELIVERY

Student-centered & offered on-campus, online and offsite

INDUSTRY/ALUMNI CONNECTIONS

Industry leaders and recent alumni infuse expertise into every program's curriculum

PROGRAM DIRECTOR MODEL

Unique in the UW System

DISTINCTIVE PROGRAMS



POLYTECHNIC INSTITUTION



EXPERIENTIAL LEARNING

Defined and required experiential learning for all academic programs, throughout the university:

- Capstone courses
- Co-ops/internships
- Practicum
- Service learning
- Student teaching
- Field experiences
- Study abroad
- Student research

EXPERIENTIAL LEARNING

95.8%

Of graduates participated in an experiential learning experience

CLASSROOMS

3x

More labs than classrooms

PARTNERSHIPS

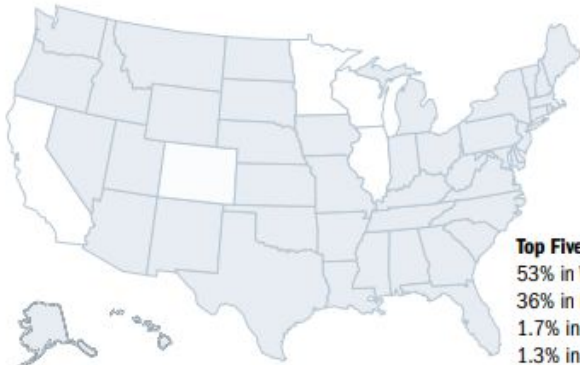
- A leader in credit transfer agreements with the technical colleges
- Nearly one-third of our undergraduates are transfer students
- 131 articulation agreements with other institutions, including universities, technical colleges and community colleges

PLACEMENT IS KEY

98.2% EMPLOYED OR CONTINUING EDUCATION
81% Knowledge Rate

87% EMPLOYED RELATED TO THEIR MAJOR

GRADUATES HIRED IN 32 STATES



Top Five Locations
53% in Wisconsin
36% in Minnesota
1.7% in Illinois
1.3% in Colorado
1.2% in California

792 EMPLOYERS AND NEARLY **3,900** STUDENTS ATTENDED UW-STOUT'S CAREER CONFERENCES

1,084 STUDENTS PARTICIPATED IN COOPERATIVE EDUCATION

1,514 STUDENTS PARTICIPATED IN ON-CAMPUS INTERVIEWS

TEN YEARS OF SUCCESS

Academic Year	Percent Employed	Academic Year	Percent Employed
2016-2017	98.2	2011-2012	97.3
2015-2016	97.4	2010-2011	97.9
2014-2015	97.3	2009-2010	97.9
2013-2014	97.1	2008-2009	96.8
2012-2013	97.1	2007-2008	95.9

UW-Stout graduates have an average employment rate of 97 percent for the past 10 years.

INDUSTRY & THE CLASSROOM

Program Advisory Committees advise on:

- Curriculum revisions
- New program and course areas
- Student advisement
- Program assessment and review
- Student needs projections
- Placement prediction and job market outlook

DISRUPTION

- Hands-on polytechnic education is expensive
- 120 credit limitation for new majors
- In 14 of the last 20 years, state funding has been reduced
- Tuition freeze for the last six years
- No statewide salary increases 2010-2018
- Demographic trends for traditional high school students in the Midwest are unfavorable
- Competition for smaller student pool, as more institutions take a polytechnic-like approach

OPPORTUNITIES IN DISRUPTION

- Private Support - Stout has begun first comprehensive campaign
- Enhancing collaboration with business and industry
- Integrative program design; expand cross-disciplinary learning
- Improve efficiencies
- More effective storytelling
- Here are stories from our own Stout community, embracing being a Polytechnic. [link](#)

WELCOME — 2019 JUNE 3-5



UNIVERSITY OF WISCONSIN-STOUT
Learn more at www.uwstout.edu/polytechnic-summit