Elevating Our Impact Through Strategic Actions and Guiding Values
Positive Highlights: Budget

- Compensation
  - Proposed pay plan of 4.04% is based on merit and to be distributed in two separate wage adjustments

- Faculty retention supplements

- 2017-19 Capital budget support

- 2019-21 Capital budget proposal
  - Top priorities:
    - Chemistry,
    - Student Union,
    - Klotsche Annex
Positive Highlights: Campaign

MADE IN MILWAUKEE. SHAPING THE WORLD.
THE CAMPAIGN FOR UWM

$184.6M
Total Amount Raised

% of Campaign Goal ($200M)
92.3%

BY CAMPAIGN PRIORITIES
AS OF JANUARY 19, 2018

Research Excellence
$61M (33.04%)

Student Success
$101.8M (55.1%)

Community Engagement
$21.8M (11.8%)
Positive Highlights: A Sampling
Positive Highlights: A Sampling

Welcome to the first edition of UWM’s newsletter for journalists. Once a month, we’ll be reaching out to share a little bit about what the university has to offer.

We’re here to help you, whether it’s for breaking news or to add context to an in-depth story. The best way to contact us is via email at media-services-lead@uwm.edu. Otherwise, find our phone numbers at uwm.edu/newsmedia.

Thanks, and take care,
John Schumacher, news editor and media relations manager

UWM EXPERTS

The Winter Olympics are right around the corner: UWM can help

UWM has several experts who can inform stories about the upcoming Winter Olympics in South Korea, including Barbara Meyer and Uli Heo.

Barbara Meyer is a sports psychologist, a professor of kinesiology and director of the Laboratory for Sport Psychology & Performance Excellence at UWM who will be working in Korea with Australian speedskaters and aerial freestyle skiers at the Winter Olympics. She has worked with athletes in four previous Winter Olympics.
Positive Highlights: A Sampling

My sister Pat who discovered she was a part of our family 6 years ago had 1 big dream when I met her. To go to college and finish strong! Today that dream came true. Congratulations lil Sis.

#UWMgrad

DECEMBER 17, 2017
Positive Highlights: A Sampling

Mobile market proves to be a popular stop for fresh food
Positive Highlights: A Sampling

Last 3 admitted students at 8:45pm tonight. A huge Thank you to all the talented and brave students and families from Puerto Rico. Hasta la proximal #futurepanthers
Positive Highlights: A Sampling
Positive Highlights: A Sampling
UWM researchers study the 280 million-year-old forest at the South Pole, CNN

UWM students help Milwaukee develop grading system for restaurant sanitation, Milwaukee Journal Sentinel

UWM App Brewery creates app used during brain surgery; The NeuroMapper – From concept to completion, BizTimes

UWM’s Institute on Aging and Environment studies environmental effects on eldercare, ArchDaily

UWM prof gives advice on how to pick secure passwords, WITI

Chemistry department hosts Nobel laureate, chemistry technology exchange, The Street

UWM prof applauds measure to reduce lead exposure, says more can be done, Urban Milwaukee

UWM team deeply involved in Nobel-winning work on gravitational waves, Milwaukee Journal Sentinel

School of Freshwater Sciences furthers Wisconsin water research, Milwaukee Record

UWM educational psychologist studies why female engineers leave field, Bloomberg

UWM receives $2 million gift for engineering scholarships, Lubar Entrepreneurship Center, BizTimes
UWM’s Guiding Values

Those highlights exemplify one or more value:

- **Innovation**, leadership and collaboration
- Opportunities for open **inquiry**
- A **caring**, compassionate, and collegial **community**
- **Diversity** in all of its definitions
- **Ethical** behavior
- Transparent and **inclusive** decision making
- **Stewardship** of resources
- **Pride** in our institution

uwm.edu/mission
Updates: Strategic Opportunities

Outstanding Learning Environment

Exceptional Research University

Community Engagement and Building the Talent Pipeline

Outcomes
- Improved retention and graduation rates
- Magnified R1 impact
- Increased student employment and graduate school options
- Strengthened UWM, city, region and state
- Elevated value of a college degree
- Increased budget support
UPDATES: Outstanding Learning Environment

- What’s involved?
  - Educational pipeline
  - Comprehensive student success network
  - Career planning, leadership development and experiential learning opportunities

- Why does it matter?
  - Improve retention and graduation rates
  - English and math reform results
  - Impact the achievement gap
Wisconsin posts largest white-black graduation gap

Wisconsin's high school graduation rate of 88.4% in 2015 was 6th highest nationally, according to new federal data that revealed a record high U.S. graduation rate Monday, but the state retains the unfortunate distinction of being No. 1 for the widest graduation-rate gap between white and black students.

Wisconsin also has the 10th highest gap between white and Hispanic students graduating in four years, an analysis by the Journal Sentinel showed.

President Barack Obama hinted at that duality on Monday in Washington, D.C., as he touted the rise in the nation's graduation rate to 83.2%, noting that "more African-American and Latino students are graduating than ever before." But he also said there are too many high schools where a third of students don't earn their diplomas on time.

Defining his education legacy, Obama touts climbing graduation rates

In Milwaukee Public Schools, the four-year graduation rate for black students has trended downward over the past five years to 54.7%. For MPS Hispanic students it's currently 58.7%, a four-year rate that hasn't budged much since 2011. The five-year graduation rate is more generous — the most recent rate for MPS black students is...
Addressing the Achievement Gap

“My stance is, if we can’t improve retention and graduation rates in a three- to five-year period, I’m the wrong person for the job. We need leadership on the campus to help close that gap. We need to go on the offense. It’s the right thing ethically and morally to do for our students.”

- UWM Chancellor Mark Mone
Partnering to Close the Achievement Gap

UWM Launches Education Partnership with MPS, MATC

By Angela McManaman

UWM, Milwaukee Public Schools and Milwaukee Area Technical College officially launched their joint education initiative, M³ (pronounced M-cubed), on Wednesday, Jan. 25.

Elected officials, educators, business and community leaders from across southeastern Wisconsin attended the event to learn more about the M³ initiative to increase the retention, graduation, and career success of Milwaukee area students.

Closing the gap while also improving well-being, reducing poverty levels, decreasing skills mismatch, educating and retaining talented workers, creating a talent pipeline
World readies for 4th industrial revolution

Business Reporter

Business countries need to decide how best to respond to the emergence of the Fourth Industrial Revolution vis-à-vis their national strategies and their ambition to leverage production as a national capability.

This is according to a World Economic Forum Readiness for the Future of Production Report 2018 released ahead of the Davos meeting next week.

This comes as the Fourth Industrial Revolution and emerging technologies — such as the Internet of Things, artificial intelligence, robotics and additive manufacturing — are spurring the development of new production techniques and business models that will fundamentally transform production.

ARE YOU READY FOR THE NEXT INDUSTRIAL REVOLUTION?

Edina Zejnilovic • December 31, 2017

In Hawthorne

...ing and they are changing at breakneck speed which able to keep up. Every day there seem to be new ries and technological advances which are taking us into No one quite knows what the physiologic impact will be and scary at the same time.

olutions started off at a snail’s pace compared to today in of the steam engine printing press in the 18th century e one invention led to others using the technology inat profoundly changed society for good.

1st
Mechanization, water power, steam power

2nd
Mass production, assembly line, electricity

3rd
Computer and automation

4th
Cyber Physical Systems
Partnerships

Partnering to kickstart the next industrial revolution in WI

Impact

Leverage the next wave of technology through collaboration of researchers and business; Prepare workforce of the future; Enhance products and optimize processes
UPDATES: Exceptional Research University

- What’s involved?
  - Interdisciplinary problem-based research teams
  - Attract and retain excellent graduate students
  - Strengthen health, STEM and entrepreneurial fields

- Why does it matter?
  - Contributes to sustaining R1 status
  - Expanding our reach
06/16/2017

Can The Great Lakes Stay Great?

The Great Lakes have come a long way since the Clean Water Act passed in 1972. Tributaries no longer catch on fire. Residents of Chicago and Cleveland visit the beach with (usually) less trepidation.

But all's not well. Unusually clear waters signal a degraded, nutrient-poor ecosystem. In northern Lake Michigan, cyanobacterial blooms are killing thousands of birds every year. In 2014, residents of Toledo, Ohio, couldn’t drink their tap water—drawn from Lake Erie—for days because of toxins released by hazardous algae. And in all the lakes, invasive zebra and quagga mussels are reengineering the food webs, challenging the survival of sports fishermen’s salmon and native trout alike.

A diver collects algae covering the lake bottom. Credit: Harvey Bootsma

Revitalizing Milwaukee’s Inner Harbor

BY MATTHEW J. PRIGGE MARCH 7, 2017 5:04 PM

The Revitalization of the Menomonee Valley that has produced a waterfront renaissance over the past three decades has a catalyst in Milwaukee’s next major phase of waterfront development: the Inner harbor, the area between Jones Island and the Loop, the city’s most essential economic drivers.

Port and fuel production all flourished in the area and the Inner harbor now enjoys prime access to the lake to ship their products all over the world, and remains a major part of Great Lakes shipping, not to mention that it continues to be a major sporting destination. It hasn’t disappeared, leaving behind areas that are both.

A group of men standing in front of a sign that reads: United States Environmental Protection Agency
Statewide partnership with all UW System institutions

Push Wisconsin to forefront of water research, education and training worldwide

*Freshwater University is a state-wide effort to coalesce and grow the tremendous water research and academic capabilities that exist across UW-System into an innovative, collaborative program on a scale that has never before been attempted by UW-System institutions. It is an initiative that will put Wisconsin on the national stage as the place to research fresh water and to earn a water-related degree.*
UPDATES: Community Engagement / Talent

- What’s involved?
  - Social Entrepreneurship Justice and Equity Compact (SEJEC)
  - Student internships
  - Alumni programming
  - Talent pipeline

- Why does it matter?
Issue: Talent Shortage

Projected job growth: 45,000

Decline in labor force: 43,000

Workforce gap in next decade: 88,000
Addressing the Issue

Foxconn forces Wisconsin to confront acute shortage of automation-age tech workers

John Schmidt, Milwaukee Journal Sentinel
Published 8:10 p.m. CT July 8, 2017 | Updated 10:33 a.m. CT July 27, 2017

If Foxconn Technology Corp. builds a multibillion-dollar “smart factory” in southeastern Wisconsin, it could mean the equivalent of creating an industrial complex not seen since the heydays of A.O. Smith and Allis-Chalmers.

At their peak in the last century, each of the legendary Milwaukee-area industrial behemoths employed 10,000 workers or more. Neither of their campuses exist any longer. And neither do the sort of rank-and-file lunch pail jobs that those titans once championed.

Foxconn is expected to require troops of high-end systems engineers who can operate robots, artificial intelligence and state-of-the-art automation systems.

If a Foxconn deal moves ahead, the region would need to move with Manhattan Project-like urgency to mount a come-from-behind retraining and recruitment campaign for automation-savvy workers, according to a consensus of workforce experts. Southeastern Wisconsin already labors under such an acute shortage of digital-age workers that incumbent manufacturers often cannot find qualified...
Partnerships

Regional Talent Partnership

Increasing the number of highly skilled professionals in the region for advanced and next generation manufacturing

Impact
Three Campuses, One Mission

UWM welcomes UW-Waukesha and UW-Washington County to its Panther family. We’re building a partnership for a better future for our students, region and state.

uwm.edu/uw-colleges-restructuring
CHANGING CONTEXT

- Sexual harassment and misconduct in the news
- Metrics and outcomes-based funding
- Federal legislation: Perkins Loan and Higher Education Act Reauthorization
LOOKING AHEAD

- **Enrollment outlook**
  - New freshmen applications up 4.8%; admits up 3.6%
  - New transfer applications up 11.8%; admits down 14.2%
  - Illinois freshman applications up 21.9%; admits up 29.4%
  - Illinois transfer applications up 14.5%; admits down 3.4%

- **Freedom of Expression series**
  - March 7, Geoffrey Stone, “Protest and Protected Speech”
LOOKING AHEAD

- Reinforcing UWM’s guiding values
  - **Innovation**, leadership and collaboration
  - Opportunities for open **inquiry**
  - A **caring**, compassionate, and collegial **community**
  - **Diversity** in all of its definitions
  - **Ethical** behavior
  - Transparent and **inclusive** decision making
  - **Stewardship** of resources
  - **Pride** in our institution

uwm.edu/mission
Three students featured at UWM commencement
Summary

Elevating Our Impact Through Strategic Actions and Guiding Values
Questions and Answers

UW-Milwaukee Chancellor Mark A. Mone
Spring Plenary Address
January 25, 2018