UW-MILWAUKEE’S
DIGITAL FUTURE
PLANNING FOR 2025

Teaching and Learning
Working Group Recommendations
## Teaching & Learning Working Group
5 strategic goals | 18 action items | 46 sub-action items

### Strategic goals included

<table>
<thead>
<tr>
<th>1. Active Learning</th>
<th>4. Student Preparedness/Access</th>
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<tbody>
<tr>
<td>2. Professional Development</td>
<td>5. Institutional Competitiveness</td>
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<td>3. Accessibility</td>
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Most-Supported Goals/Actions

Survey details

– All groups were represented (n=171)
– 54% were faculty and teaching academic staff
– 5 point scale of importance

1st Accessibility
2nd Active Learning
3rd Professional Development
Most-Supported Goals/Actions

Top 5

1. Establish campus standards for infrastructure capacity & consistency, M=4.39
2. Evaluate technology infrastructure needs for active learning emerging technologies, M=4.23
3. Offer training & support on new technologies as part of a virtual teacher center, M = 4.18
4. Assess students’ technology use/skills & provide access/training at no or low cost, M = 4.14
5. 3-way tie

- Establish campus standards that meet Section 508 & work toward W3C web standards accessibility, $M=4.09$

- Ensure technological skill/proficiency upon graduation, $M=4.08$

- Make it easier to develop interdisciplinary degrees, $M=4.08$
Focus group findings

- Create a virtual teacher center.
- Promote best practices using digital technologies to enable active learning.
- Promote ‘active learning’ through the use of emerging technologies.
- Develop capacity to investigate emerging technologies’ impact on student learning.
Faculty support

- showcases of faculty use, culture of sharing
- evidence-based technology recommendations for teaching
- resource site for faculty to access and learn software, connect with other faculty
- support to investigate new technologies/digital resources
- better learning spaces
Most-Supported Goals/Actions

- Ensure technological skill/proficiency upon graduation.
- Enhance students critical technology literacy.
Student support

– Assessing student technical skills and outlining of digital literacy competencies required upon graduation

– Training students on research resources – secure and public, plagiarism, copyright, and fair use

– Outlining needs of graduates, undergraduates, and disciplinary
Most-Supported Goals/Actions

– Make it easier to develop interdisciplinary programs.

– Develop campus awareness campaign to increase accessibility of learning resources inclusive of all needs.
Comments/General

- Skepticism
- Awareness (lack of)
- Cost (time and money)
UW-MILWAUKEE’S
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Campus Summit
Research Working Group Recommendations
Research Working Group

- 5 strategic goals
  - Intuitive Digital Tools
  - Digital Future Visioning
  - Promotion and Tenure
  - Open Access
  - Research Cyberinfrastructure

- 16 action items

- 25 sub-action items
Most-Supported Goals/Actions

Survey results (>4.0 on a 5-point scale)

Research Cyberinfrastructure - most action items > 4.0

Intuitive Tools and Open Access - next highest level
Top 5

#1. Improve network connectivity

#2. Offer training & support for technical tools
Top 5

#3. Enhance digital resources

#4. High-performance computer cluster service
Top 5

(Tie)

#5. Data center facility usage, support and enhancement

#5. Develop research data management processes, support services
Most-Supported Goals/Actions

<table>
<thead>
<tr>
<th>Focus group results</th>
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<tbody>
<tr>
<td>✓ Increase the number and choices of intuitive tools</td>
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<tr>
<td>✓ Provide comprehensive training and support for technical tools</td>
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<tr>
<td>✓ Digital future planning needs to become part of proposals for new faculty hires in departments.</td>
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</table>
Most-Supported Goals/Actions

- Focus group results
  - Revise promotion and tenure policies
  - Increase digital open access publication on campus
Most-Supported Goals/Actions

• Focus group results

- Establish an accessible research “commons”
- Develop research data management processes, support, services
Need to do an environmental scan and create a mechanism for feedback.

Some departments are still in the digital past.

More production, hardware, and financial support for capital and ongoing expenses.
• Have a research technology center.

• Researchers need customized and just-in-time training.

• Infrastructure to support tools and training.
Centralized rewards system for digital futures planning initiatives.

Forum for everyone to come together to say what works and what does not.
While increasing access to scholarly materials is important, we need to address: 1) privacy and security; 2) perception issues; and 3) impact on promotion and tenure.

Open access may give the campus and the researcher more attention.
Faculty commons AND a digital commons.

A futurist to drive the digital future and promote it—and a research help center.

Address student research in Digital Future planning.
Reliable Internet service.

“We will do it for you” services (for a fee if needed).

Providing adequate resources is a high priority issue.
Make progress to be a top tier institution. Planning for the digital future is part of getting there.

Plan for the “digital now” as well as the digital future.
• Recognize connection to other campus planning initiatives

  – Open Access Task Force
  – Campus Master Plan
  – Strategic Planning for Research Report
UW-MILWAUKEE’S
DIGITAL FUTURE
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University Operations & Services
Working Group Recommendations
University Operations & Services Working Group:

- 6 strategic goals
- 23 action items

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<td>2. Remote Work</td>
<td>5. Institutional Culture</td>
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Most-Supported Goals/Actions

• Top 3 Goals
  – 1\textsuperscript{st}: Paperless Systems
  – 2\textsuperscript{nd}: Working Remotely
  – 3\textsuperscript{rd}: Business Process Landing Zone

Campus survey quantitative results, means >4.0 on a 5-point scale
Most-Supported Goals/Actions

• Top 5 Action Items
  1. Communicate implementation of major IT systems
  2. Determine infrastructure needs for remote work
  3. Develop/revise policies for remote work
  4. Prioritize purchase of major IT systems
  5. (Tie)
     1. Investigate paperless systems and
     2. Develop/revise workflows to increase efficiency

Campus survey quantitative results, means >4.0 on a 5-point scale
Most-Supported Goals/Actions

• Focus group qualitative results
  – Create a 1-stop student services website. Very strong support for this idea.
  – Increase capacity to work remotely—all actions supported; seen as a work/life balance issue.
  – Create a paperless system that is adaptable to all constituents. Seen as a complex challenge that would have a big impact.
Most-Supported Goals/Actions

• Focus group qualitative results
  – Overall support for a how-to business process website.
  – Professional development to connect an individual’s work to the work done by other units was identified as very important. Cultural shift seen as a foundation for implementing other recommendations.
Most-Supported Goals/Actions

• Focus group qualitative results
  – Prioritize purchase of major IT systems, seen as critical to focusing limited resources on most needed areas
  – Communicate implementation of major IT systems to the campus—needed to generate buy in for the digital future.
• Involve the campus community in the development, testing & evaluation of these recommendations

• Eliminate silos
  – Information housed by administrative unit website, not by tasks needed to do our work
  – Too many duplicative processes in separate silos
Comments

• UWM needs to address current technology resource issues.

• We need to address budget inequities in units’ access to technology.

• Throughout, we need to address security issues.
• We need more informal meeting spaces like the Grind for work collaborations (see silos!).

• We should build in mechanisms for ongoing maintenance of 1-stop and business process websites.

• Involve LTC & UITS in developing capacity to help administrative units use technology to innovate.
• This is a *campus* activity—not just for technologists!

• These recommendations could improve access to campus information, work/life balance & morale.