

## CAPITAL INVESTMENT KEEPS STEM STUDENTS IN WISCONSIN

PROBLEM	SOLUTION	RESULTS
<p>Wisconsin needs more STEM professionals, but related UWM recruitment efforts are hindered by outdated facilities. Over the past five years, over 1,400 students accepted by UWM's Engineering and Computer Science Programs opted for out-of-state programs, taking talent and tuition with them. Psychology/Neuroscience faces accreditation risks because their Garland-Pearse facilities cannot be renovated to meet teaching and research compliance standards. UWM must upgrade to stay competitive.</p>	<p><b>The strategic investment of \$19.2 million</b> in 2025-27 will advance project design and ensure it is shovel-ready by the 27-29 biennium. This STEM-focused, student-centric project will renovate the Engineering &amp; Mathematical Sciences (EMS) building and replace the outdated Physics Building with a new, shared facility that provides additional engineering capacity and a new home for Psychology/Neuroscience, a rapidly growing program.</p>	<p>With enhanced facilities, UWM will expand upon its long track record of producing the top STEM professionals that Wisconsin's employers require. More than 80% of UWM's graduates remain in Wisconsin to live, work and contribute to their communities. Investment in the Engineering &amp; Neuroscience Project is an investment in the state's talent pipeline to generate and retain innovative STEM expertise for Wisconsin.</p>



Facilities play a crucial role in developing Wisconsin's STEM workforce, and they must be modernized to remain relevant. UWM has shown it can do this efficiently and effectively: The renovation of the main engineering building's 9th & 10th floors was completed under budget and won praise from students, faculty and industry. Further investment will elevate Engineering's competitive recruitment edge while ensuring a state-of-the-art STEM facility for Psychology and Neuroscience - providing students with a dynamic environment to fuel innovation and drive groundbreaking research. Top students will stay in Wisconsin and become tomorrow's skilled professionals.

### FAST FACTS

#### UWM COLLEGE OF ENGINEERING & APPLIED SCIENCE (CEAS)



**97%**

of CEAS graduates are employed or continue their education within 6 months of graduation



**89%**

of reporting UWM engineering alumni from Wisconsin remained in the state a decade after graduation.

#### UWM PSYCHOLOGY & NEUROSCIENCE



**242%**

growth in extramural research funding since 2016 at \$5.45 million annually and growing



**34%**

growth in student enrollment in the last 10 years

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CURRENT STATUS	FUTURE BENEFITS
<u>FACILITIES</u>	
Inadequate and not competitive	Modernized and game-changing
<u>PROGRAMS</u>	
Lacking collaborative synergy and technology	STEM-collaborative and interdisciplinary
<u>ENROLLMENT AND GRADUATION</u>	
Recruitment limited by facilities	Increased recruitment and retention
<u>WORKFORCE IMPACT</u>	
Losing critical talent to other states	Keeping STEM talent in Wisconsin

**Investment will directly benefit UWM students in...**

### Psychology/Neuroscience Programs

- Neuroscience Majors (125+)
- Psychology Majors (1,200+)
- Psychology Minors (100+)
- Clinical Psychology
- Health Psychology

### CEAS Programs

- Biomedical and Health Informatics
- Biomedical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science
- Connected Systems Engineering
- Data Science
- Electrical Engineering
- Energy Engineering
- Environmental Engineering
- Industrial and Manufacturing Engineering
- Industrial and Systems Engineering
- Manufacturing Engineering
- Materials Engineering
- Mechanical Engineering
- Plus others...

