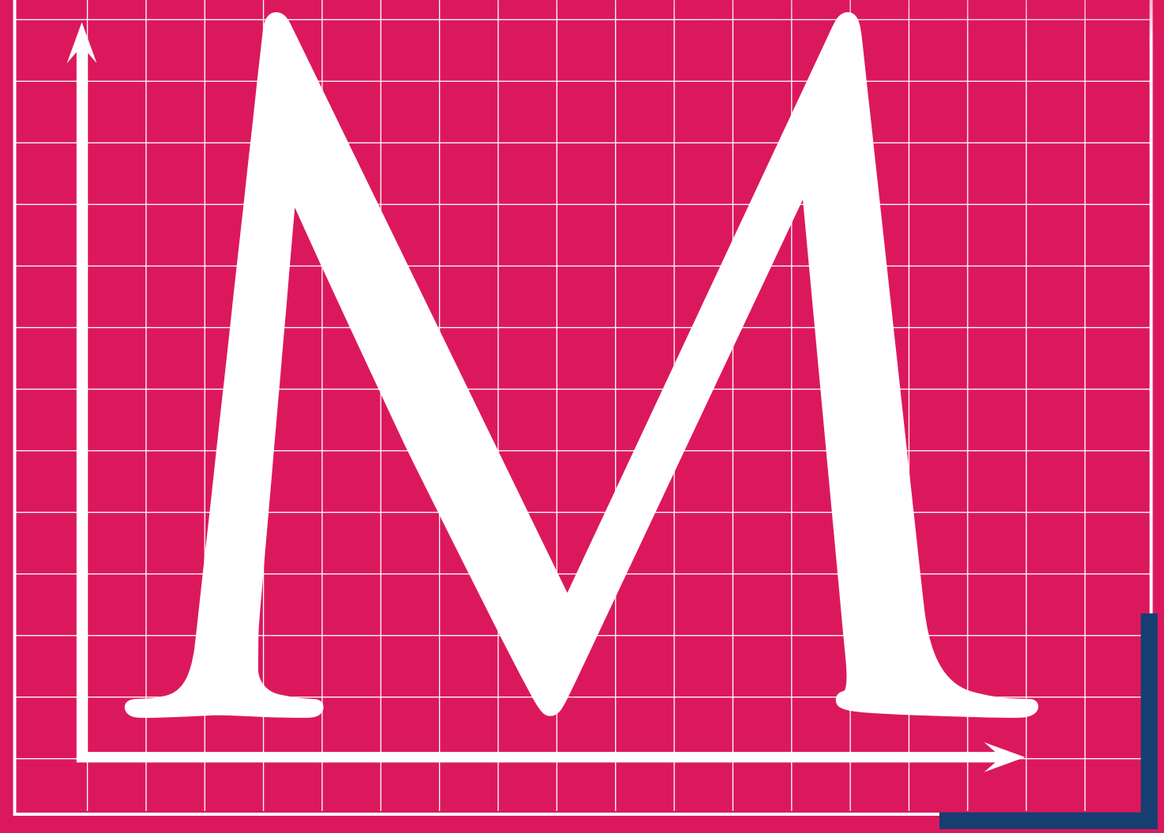
THE TIME IS NOW.
THE FUTURE IS OURS.

MUSKINGUM
UNIVERSITY

FUEL CURIOSITY

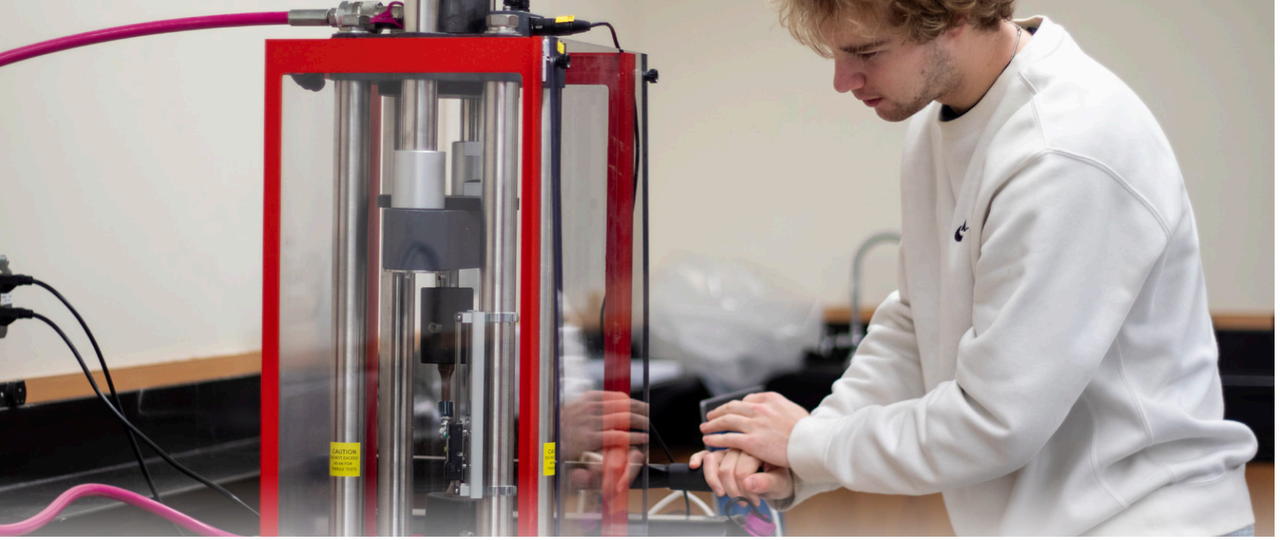


INSPIRE INNOVATION

Transforming Boyd Science Center for the 21st-Century

Join us in creating a cutting-edge center for innovation, collaboration, and discovery.

MUSKINGUM
UNIVERSITY



BUILDING THE FUTURE OF STEMM AT MUSKINGUM

Science, Technology, Engineering, Math, and Medicine.

Muskingum University faces a pivotal moment. To keep pace with the rapid evolution of science, technology, engineering, math, and medicine (STEMM), we must provide students with cutting-edge facilities that prepare them for high-demand careers. Without these critical upgrades, we risk falling behind in preparing future leaders in science, healthcare, and technology. ***The time to act is now.***

For over 50 years, the Boyd Science Center has been the cornerstone of Muskingum's STEMM education. Now, the time has come to transform this venerable facility into a state-of-the-art hub for 21st-century science education and research.

A BOLD VISION FOR THE FUTURE
Muskingum University is launching an ambitious capital campaign to renovate and modernize the Boyd Science Center. This investment will:

- **Expand hands-on research opportunities**
- **Upgrade laboratories with cutting-edge technology**
- **Foster collaboration between students, faculty, and industry leaders**
- **Strengthen Muskingum's position as a leader in STEMM education**

THE NEED IS URGENT

The landscape of STEMM education and the workforce it serves has changed dramatically since Boyd Science Center first opened its doors.

The U.S. Bureau of Labor Statistics projects that STEMM jobs will grow by more than ***10%*** in the next decade—triple the rate of non-STEMM fields.

50%

Nearly 50% of Muskingum students indicate a STEMM field as their primary area of interest.

Boyd Science Center serves ***every student*** as part of a comprehensive liberal arts education.

The ability to think critically, analyze data, and engage with scientific inquiry is vital across all fields. This transformation will ensure that every Muskingum graduate, from future business leaders to educators and artists, is equipped with the essential scientific literacy needed for success in the 21st-century workforce. This is more than a building project.

Your support will ***fuel curiosity and inspire innovation*** in the next generation of leaders.

DR. SUSAN S. HASSELER
President of Muskingum University

"Boyd Science Center has been foundational to education in the natural, applied and health sciences at Muskingum for decades, but as we prepare our students for the demands of a rapidly evolving world, we need a reimagined facility that effectively launches our students into the future."

PREPARING FOR A RAPIDLY EVOLVING WORLD

Boyd Science Center has served as the launch pad for countless careers in science, technology, engineering, mathematics, and medicine. However, today's scientific challenges require interdisciplinary approaches, cutting-edge technology, and flexible learning environments that our current facility struggles to provide.

Current challenges:

- **Recruitment Hurdles:** Outdated facilities make it challenging to attract top students and faculty in competitive STEMM fields.
- **Limited Functionality:** The current design is not compatible with modern teaching approaches and collaborative research methods.
- **Technological Limitations:** Insufficient digital set-up hinders the integration of advanced scientific tools, techniques, and display.
- **Design Constraints:** Current utility infrastructure is not compatible with the requirements of modern equipment.
- **Safety Concerns:** Aging infrastructure, including outdated fume hoods and utilities, poses potential safety risks.
- **Energy Inefficiency:** Old systems result in high operating costs and a larger environmental footprint.

DR. PAUL SZALAY
Division Chair, Natural, Applied and Health Sciences

"We're trying to prepare students for 21st-century careers in 20th-century spaces."

The renovation of Boyd Science Center is not just a desire...

IT'S A NECESSITY

if we are to continue providing a top-tier STEMM education and contribute meaningfully to workforce development in our region and beyond.

REIMAGINING BOYD SCIENCE CENTER

A transformed Boyd Science Center will serve as a beacon of innovation, collaboration, and discovery. It will be a place where students and faculty come together to fuel curiosity, inspire innovation, and expand academic exploration. In addition to meeting the needs of our current STEMM programs, the renovated facility will also anticipate future developments in science education and research.

Key Features of the Renovated Boyd Science Center:

STATE-OF-THE-ART LABORATORIES

- Modern, safe, and energy-efficient fume hoods and utility systems
- Flexible lab spaces that can adapt to evolving research needs
- Advanced instrumentation and equipment to support cutting-edge research

INTERACTIVE LEARNING SPACES

- Reconfigurable classrooms to support various teaching methodologies
- Integration of digital displays, collaborative teaching technologies, and connectivity to support both on-campus and virtual learners
- Spaces designed to facilitate problem-based learning and team projects

INTERDISCIPLINARY COLLABORATION ZONES

- Open, communal areas where students and faculty from different disciplines can collaborate on class, research, and service projects
- Maker spaces and innovation labs to encourage creativity and entrepreneurship
- Areas where faculty, students, and industry partners collaborate on workforce development initiatives and career mentorship programs

CHERYL HETRICK CARPENTER '86
Chair of Board of Trustees

"This renovation is more than a building— it's an investment in our future"

TECHNOLOGY-RICH ENVIRONMENT

- High-speed network infrastructure to support data-intensive research
- Virtual and augmented reality capabilities for enhanced visualization
- Integration of artificial intelligence and machine learning tools

COMMUNITY ENGAGEMENT SPACES

- Areas compatible with hosting K-12 STEMM outreach programs
- Facilities to support partnerships with local industries and research institutions
- A modernized 250-seat auditorium with integrated audio, display, and virtual technology to host both campus and regional community events

SUSTAINABLE DESIGN

- Energy-efficient systems to reduce operating costs and environmental impact
- Spaces that support conservation instruction and sustainable practices
- Use of solar energy

This modern STEMM hub will enhance the educational experience of our students and serve as a resource for the entire region, fostering innovation, economic development, and scientific literacy. Our vision ***extends beyond traditional undergraduate*** programs to support a continuum of learners that include College Credit Plus (CCP), Muskingum Adult Program (MAP), graduate degree programs, and non-degree micro-credentials.

FROM CLASSROOM TO CAREER

Strengthening Education, Workforce Development, and Regional Growth

The Boyd Science Center renovation will have a broad impact, benefiting both Muskingum University and the surrounding region. A study by the Ohio University Voinovich School found that ***Muskingum contributes $53M annually to the regional economy*** through jobs and spending by the University, students, and visitors.

MUSKINGUM IS A LEADER IN STEMM EDUCATION

$7.6 MILLION

in government grants over the past three years supports:

- **STUDENT AID**
- **STATE-OF-THE -ART EQUIPMENT**
- **EXPERIENTIAL LEARNING**
- **WORKFORCE PARTNERSHIPS**

These grants recognize our role in preparing ***future scientists***, ***engineers***, and ***healthcare professionals***. However, they generally do not fund infrastructure improvements, making philanthropic investment essential to align facilities with the caliber of our academic programs.

Our strong STEMM programs are reinforced through partnerships with employers such as The Wilds, Genesis HealthCare System, and regional engineering and manufacturing companies, providing students with real-world experiences that enhance career readiness and strengthen the workforce pipeline.

As a university in Appalachian Ohio, Muskingum plays a key role in expanding access to STEMM education for underserved students, many of whom have significant financial challenges and are the first in their families to attend college. Our commitment to affordability, hands-on learning, and workforce connections promotes economic mobility and regional growth.

DIANNA MITCHELL LEVECK '86
Chief Administrative Officer at Genesis HealthCare Systems

"Muskingum has provided us with exceptionally well-trained staff, clinicians, and nurses."

AFFORDABILITY

HANDS-ON LEARNING

WORKFORCE CONNECTIONS

This transformational campaign is more than a building upgrade—it is an ***investment in students***, ***faculty***, ***industries***, and our ***community***, strengthening the workforce, driving innovation, and ensuring long-term regional impact.

MATTHEW VASCURA '27
Chemistry and Molecular Biology Major

"Advanced labs and modern technology will allow students like me to engage in groundbreaking research and prepare for competitive careers in health and science."

Empowering the Next Generation

The renovated Boyd Science Center will directly impact student success by providing:

- **Enhanced Learning Outcomes:** Modern facilities and equipment will provide hands-on experiences that capitalize on our strong liberal arts tradition and better prepare students for their future careers.
- **Increased Research Opportunities:** Advanced labs and equipment will enable more students to engage in meaningful research projects.
- **Improved Job and Graduate School Prospects:** Exposure to cutting-edge technology and hands-on learning will make our graduates more competitive in both the advanced degree and job markets.
- **Inspiration and Innovation:** A state-of-the-art environment will inspire creativity, critical thinking, and foster an innovative mindset.

CAMRYN WOODLY '22
Project Engineer

"As an alumna, I know firsthand how Muskingum's commitment to STEMM education shaped my career. This renovation will provide future students the same opportunities I had, but with even more advanced tools."

Advancing Teaching and Research

Our faculty are innovators, using their expertise to mentor students and conduct essential research. The renovated Boyd Science Center will enable:

- **Advanced Research Capabilities:** Modern facilities will attract and retain top-level faculty and support collaborative research projects with students and instruction endeavors.
- **Enhanced Teaching Tools:** New technologies will enable innovative teaching methods and improved student engagement for our continuum of learners.
- **Increased Grant Competitiveness:** Up-to-date facilities will strengthen our position when applying for research grants and project funding.

DR. AMY SANTAS
Professor of Biology

"As a professor and pre-med advisor, I see how critical research and hands-on experience are for our students' success. The renovated Boyd Science Center will provide them with cutting-edge tools and spaces to prepare for medical school and impactful careers in research and healthcare."

A LEGACY OF EXCELLENCE

Muskingum has continually evolved to meet the ever-changing educational and workforce demands. For example, more than a decade ago, we launched a Bachelor of Science in Nursing (BSN) program, which has since expanded to offer three distinct pathways to degree completion:

1. Traditional four-year undergraduate program
2. Accelerated track for adult learners who already hold a bachelor's degree
3. RN-to-BSN program designed for nurses with an associate degree seeking to advance their education and career prospects

Today, our nursing program is recognized among the top in both the state and the nation, reflecting our commitment to academic excellence, hands-on training, and preparing highly skilled professionals.

2023 BEST RANKED NURSING PROGRAMS ★ RNCareers.org ★

Additionally, Muskingum University is proud to be ranked:

#1 Best Value in Ohio – U.S. News & World Report

#1 in Ohio for Social Mobility – U.S. News & World Report

These recognitions affirm our unwavering commitment to providing an affordable, world-class education that changes lives. The Boyd Science Center renovation will ensure that all students, regardless of background, have access to the best possible STEMM learning experiences.

U.S. NEWS & WORLD REPORT #1 BEST VALUE BEST COLLEGES

U.S. NEWS & WORLD REPORT #1 SOCIAL MOBILITY BEST COLLEGES

SHAPE THE FUTURE

The renovation of Boyd Science Center is an investment in the future of STEMM education, in the success of our students, and in the economic vitality of our region. The result will be a facility that honors the legacy of Boyd Science Center while propelling us into the future of STEMM education.

BY SUPPORTING THIS CAMPAIGN, YOU WILL:

- Empower the next generation of scientists, engineers, and healthcare professionals
- Foster innovation and discovery that could lead to breakthroughs in critical fields
- Strengthen Muskingum University's position as a leader in STEMM education
- Contribute to the economic development and scientific literacy of our community

Join us in this exciting journey. Your investment in the Boyd Science Center will yield returns for decades to come, in the form of lives changed, discoveries made, and communities transformed. Together, we can ***fuel curiosity*** and ***inspire innovation*** for generations of Muskingum students.

WAYS TO GIVE:

1. **Cash**
2. **Securities**
3. **IRA Charitable Rollover**
4. **Donor Advised Fund**
5. **Employer Matching Gift**

Pledge your support by allocating your contribution over five years.

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