Formal Session of the Board of Trustees
October 10, 2025
9:00 a.m. – 11:00 a.m.
Location: MUB Ballroom B
Public Meeting

I Call to Order
Jon Jipping, Chair

II. Roll Call
Sarah Schulte, Secretary

III. Confirm Agenda
Jon Jipping, Chair

IV. Opening Remarks

A. Opening Remarks of the Board Chair
Jon Jipping, Chair

B. Opening Remarks of the University President
Richard Koubek, President

V. Public Comment Period

VI. Committee Reports

A. Academic Affairs Committee
Matt Johnson, Committee Member

B. Audit and Finance Committee
Jeff Littmann, Committee Chair

C. Leadership Committee
Monique Wells, Committee Chair

VII. Consent Agenda

A. Approval of Minutes

B. Degrees in Course

C. Resignations, Retirements, and Off-Payroll

D. 2026 Meeting dates

E. Funding Productivity Report

F. Approve Sale of Surplus Property

VIII. Action and Discussion Items

A. Emerita Rank
Andrew Storer, Provost and Senior Vice President for Academic Affairs

B. Resolution to Accept the FY25 Audited Financial Statements
Carlos Rodriguez, Treasurer
Brian Greko, Plante Moran

C. Five-Year State Capital Outlay Plan and Request
Carlos Rodriguez, Treasurer

D. Resolution to rename the Advancement Technology Development Complex (ATDC)
Carlos Rodriguez, Treasurer

IX. Reports

A. Michigan Tech's Innovation in Industry 5.0
Vinh Nguyen, Assistant Professor, Mechanical and Aerospace Engineering

B. Recruiting and Enrollment Update
John Lehman, Vice President for University Relations and Enrollment

C. Undergraduate Student Government
Ford Schoonover, President

D. Graduate Student Government
Lauren Sprague, President

E. University Senate
Robert Hutchinson, President

X. Informational Items

A. Analysis of Investments

B. Sponsored Programs

C. Advancement & Alumni Relations

D. Media Coverage

E. Employee Safety Statistics

F. Disposal of Surplus Property

XI. Date for Next Formal Meeting: December 12, 2025

XII. Other Business

XIII. Adjourn

Documents to follow

VII. Consent Agenda

A. Approval of Minutes

B. Degrees in Course

Michigan Technological University

Registrar's Office

MEMORANDUM

To: Dr Richard J Koubek
Office of the President

From: Theresa Jacques
Registrar's Office

Date: 9/19/2025

Subject: Candidates for Degree – Conferral Term 202505

The attached list of candidates for degrees, beginning with Lynn Marie Roberts and ending with Negar Aghaei is submitted for the granting of the appropriate degrees by the Board of Trustees. I certify that these candidates meet all requirements for their respective degrees and that the names have been submitted to and have received the approval of the faculty from their major department.

Theresa Jacques
Registrar

TJ/kg

130 Administration Building | 1400 Townsend Drive, Houghton, MI 49931-1295
906-487-2319 | f. 906-487-3343 | registrar@mtu.edu | **mtu.edu/registrar**

Michigan Technological University
Degrees Awarded for Conferral Term 202505

Michigan Technological University Registrar's Office September 19, 2025

Associate of Arts in Humanities

- Lynn Marie Roberts

Bachelor of Arts in Sound Design

- Bella Lain Dimiceli - Cum Laude

Bachelor of Science in Anthropology

- Julianna Rose Bartoszek - Magna Cum Laude

Bachelor of Science in Applied Ecology and Environmental Sciences

- Jordan Gregory Bussey
- Carter Jon Honsbruch

Bachelor of Science in Applied Geophysics

- Samuel James Jensen - Cum Laude

Bachelor of Science in Audio Production and Technology

- Aidan William Sanders

Bachelor of Science in Biological Sciences

- Mackenzie Rosella Phillips

Bachelor of Science in Biomedical Engineering

- Isabella Sophie Brennan
- Olivia R Capelle - Magna Cum Laude
- Joshua W Moore

Bachelor of Science in Chemical Engineering

- Adam Patrick Cronin
- Bryce Michael Doering
- Dominick John Heston
- Stefan Skye RhodeHumphries

Bachelor of Science in Chemistry

- Meredith Seungyeon Paik - Magna Cum Laude

Bachelor of Science in Civil Engineering

- Clare M Baker - Cum Laude
- John E Decator
- Owen Abraham Green
- Maxwell N Hazen

- Hayden J Huckins - Cum Laude*
- Kimberly Ann Mendros Lopez
- Miles Lynn Stevenson - Cum Laude
- Adam D Wesolowski

Bachelor of Science in Computer Engineering

- Roman A Cherneta
- Luke A Dulac - Cum Laude
- Robert Daniel Sirkle

Bachelor of Science in Computer Network and System Administration

- Austin M Novakowski

Bachelor of Science in Computer Science

- Lillian Ione Aitkens
- Wade Alice Canavan
- Mason Wesley Clark
- Casen Ballard Cole
- Jeremiah James DeHaan
- Lars Chester Erkkila
- Kelby J Gingerich
- Brett Carl Halonen
- Ethan Garrett Kofsky
- Micah David Kramer
- Chia Chieh Lin
- Joshua Pearlman
- Jacob A Suiter
- Ryan James Szymanski
- Michael Lorin Terry
- Collin Roy Thompson - Cum Laude
- Caleb Anthony Werdon
- Samuel N Wright

Bachelor of Science in Construction Management

- Rachel R Weyenberg

Bachelor of Science in Cybersecurity

- Jacob Robert Hawley - Cum Laude

Bachelor of Science in Electrical Engineering

- Simon Christopher Cauley
- Johnathan Pilar Hernandez
- Logan Edward Kelly

- Genevieve Elise Myers - Summa Cum Laude
- Brandon Anthony Makanalani O'Brien
- Steven John Prudhomme
- Nathan Andrew Samluk
- Gina Severance - Summa Cum Laude
- Brennan Jonathon Conrad Vrba*

Bachelor of Science in Electrical Engineering Technology

- Connor S Hindenach

Bachelor of Science in Exercise Science

- Samuel James Peterman

Bachelor of Science in Forestry

- Ryan F Leone - Cum Laude

Bachelor of Science in Geological Engineering

- Rebecca Jean Cuthbertson
- Hazel E McGovern

Bachelor of Science in Geology

- Evelyn May Devine
- Ezekiel Dean Martin - Cum Laude
- Konraad M VanDyke - Cum Laude

Bachelor of Science in Marketing

- Charles Jeffrey Buckmaster

Bachelor of Science in Materials Science and Engineering

- Matthew R Johnson - Summa Cum Laude*

Bachelor of Science in Mathematics

- Griffin D Wick

Bachelor of Science in Mechanical Engineering

- Rachel E Cole - Summa Cum Laude*
- Trevor Mathew Denstaedt
- Reece Landon Frydrychowicz
- Christian Patrick Harrison
- Mason Richard Krause
- Gaven Emmett Marino
- Ryley Annah Mullin - Cum Laude
- Talia Mariah Olson - Magna Cum Laude*
- Joshua Charles Prall-Stankewitz

Bachelor of Science in Mechanical Engineering Technology

- Keegan Calhoun McInerney

Bachelor of Science in Mechatronics

- Andrew Xavier Brodowski

Bachelor of Science in Natural Resources Management

- Gavin M Christl

Bachelor of Science in Psychology

- Samantha J Heikkinen
- Cali Stacy Lee St George
- Caycee Lynn Westrich

Bachelor of Science in Robotics Engineering

- Ryan C Verbrugge

Bachelor of Science in Social Sciences

- Brendan Paul Leddy - Cum Laude
- Lynn Marie Roberts

Bachelor of Science in Software Engineering

- Matthew Joseph Cronin
- Anthony Gerard Martin

Bachelor of Science in Sports and Fitness Management

- Devin J Schmitz

Bachelor of Science in Statistics

- Gabriel Roberto Baquerizo

Bachelor of Science in Wildlife Ecology and Conservation

- Olivia Ruthann Ebens - Magna Cum Laude
- George W Hambleton
- Grant J. MacDonald

Doctor of Philosophy in Applied Cognitive Science and Human Factors

- Catherine Loretta Tislar

Doctor of Philosophy in Applied Physics

- Jeffrey Scott Kabel

Doctor of Philosophy in Biochemistry and Molecular Biology

- Yogita Marotrao Warkhade

Doctor of Philosophy in Biomedical Engineering

- Kan Wang

Doctor of Philosophy in Chemical Engineering

- Palas Kamlakar Borkar
- Seth Allan Kriz
- Hunter Thomas Stoddard

Doctor of Philosophy in Chemistry

- Dilka Nishadini Liyana Arachchige

Doctor of Philosophy in Civil Engineering

- Oluwatosin Oluyemisi Ayo
- Jessica Lynn LaReaux
- Kai Xin

Doctor of Philosophy in Computer Science

- Yifu Deng
- Fan Ding

Doctor of Philosophy in Engineering - Environmental Engineering

- Kenneth Larsen

Doctor of Philosophy in Environmental and Energy Policy

- Aritra Chakrabarty

Doctor of Philosophy in Forest Science

- Eileen Clancy Reeves

Doctor of Philosophy in Integrative Physiology

- Ashley Lynn Hawke

Doctor of Philosophy in Materials Science and Engineering

- Austin Mathias DePottey

Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics

- Alexander Bruce Czarnecki
- Jody J Hand
- Khatereh Kashmari
- Aman Poovalappil

Doctor of Philosophy in Mining Engineering

- Abid Ali Khan Danish

Doctor of Philosophy in Statistics

- Md Mutasim Billah
- Megh Raj Subedi

Master of Business Administr. in Business Administration

- Benjamin Lee Bekemeier
- Isaac Loren Kinne
- Daniel Jeffery Lesko
- Brian Lynch

Master of Engineering Mgmt in Engineering Management

- Madison Jo Block

Master of Forestry in Forestry

- Ethan Alexander Gerds
- Andrew Ryan Nelson

Master of Geographic Info Sci in Geographic Information Science

- Jonathan Richard Baker
- Sierra Sadie Rosten

Master of Science in Accounting and Analytics

- Priscilla Asabere Adu
- Christopher U Berard
- Ali Mahdi Danish Syed

Master of Science in Applied Cognitive Science and Human Factors

- Melanie Patricia Frias Veras

Master of Science in Applied Ecology

- Katherine Ann Brouwer
- Jacqueline Elise Suits

Master of Science in Applied Physics

- Daniel Robert Koshar

Master of Science in Applied Statistics

- Hayley Elizabeth Lyons

Master of Science in Biological Sciences

- Abbigail Jeanne Blackwell

Master of Science in Biomedical Engineering

- Samuel Edward Haarman

Master of Science in Chemical Engineering

- Hannah Peterson

Master of Science in Chemistry

- Peter Agyemang

Master of Science in Civil Engineering

- Can Erdem
- Kai Xin

Master of Science in Computer Science

- Suruchi Kushwaha
- Joseph Roy Teahen

Master of Science in Electrical and Computer Engineering

- Ibrahim Abdul-Salam
- Rachel Elizabeth Nilsen
- Christian Hendrik Vermeulen

Master of Science in Environmental Engineering

- Waaseyaaban-nooji'iwe Landgren

Master of Science in Forest Ecology and Management

- Seth Walker Davenport
- Courtney Hohnholt

Master of Science in Geology

- Yuxi Jin

Master of Science in Geophysics

- Bryan Michael-Rundman Lowney

Master of Science in Industrial Heritage and Archaeology

- Jill Teresa Muraski

Master of Science in Integrated Geospatial Technology

- Alexander Arnold

Master of Science in Manufacturing Engineering

- Evan Lee Franzel
- Heather Elainah Mensch

Master of Science in Materials Science and Engineering

- Sophia Georgia Brylinski
- Anna Christine Cole

Master of Science in Mechanical Engineering

- Allen Basker
- William Andrew Blacketor
- Sophia Rose Bollin
- Venkata Sai Teja Ganti
- Jonathan Khristopher Oleson
- Keegan Michael Ripper
- Chase Alan Shorey

Master of Science in Mining Engineering

- Nyasha Michael Mhindu

Master of Science in Sustainable Communities

- Negar Aghaei

* Addendum to Conferral: Degree awarded for term 202501

C. Resignations, Retirements, and Off-Payroll

BOARD OF TRUSTEES OFF-PAYROLL REPORT
(July 1, 2025 to September 13, 2025)

Retirements						
Last	**First**	**Class**	**Department**	**Job Title**	**Most Recent Hire Date**	**Term Date**

Off Payroll						
Last	**First**	**Class**	**Department**	**Job Title**	**Current Hire**	**Term Date**
Pollard	Joseph	DF	Public Safety & Police Services	Public Safety Officer	10/17/2022	07/02/2025
Goldner	Jonah	AF	McNair Hall Food Service	Food Service Helper	08/19/2024	07/15/2025
Rogers	Shari	AF	Residential Dining	Food Service Helper	08/27/2018	07/15/2025
Radke	Alex	PF	Center for Technology & Training	Technical/IT Support Specialist	10/03/2022	07/17/2025
Liu	Shushu	PF	Chemistry	Lab Manager	03/04/2024	07/18/2025
Redhuis	Dana	PF	Michigan Tech Research Institute (MTRI)	Assistant Researcher, Sci-Geospatial Ecology	12/26/2022	07/18/2025
Maki	Kevin	AF	Facilities Management	Custodian	09/30/2013	07/31/2025
Munn	Charles	AF	Facilities Management	Custodian	12/11/2023	07/31/2025
Sherwood	Jeff	FF	Visual & Performing Arts	Assistant Professor	08/15/2022	07/31/2025
Capelli	Molly	PF	Center for Educational Outreach	Coordinator	04/28/2025	08/01/2025
Colling	Trisha	NF	Biological Sciences	Sequencing Lab Technician	10/17/2022	08/01/2025
Ma	Steven	FC	Mechanical & Aerospace Engineering	Professor of Practice	08/20/2018	08/01/2025
Pour Shahid Saeed Abadi	Parisa	FF	Mechanical & Aerospace Engineering	Assistant Professor	07/01/2017	08/01/2025
McFall	Madeleine	PP	Materials Science and Engineering	Research Engineer	06/24/2024	08/02/2025
Pomerville	Scott	RP	Computer Science	Research Assistant Professor	08/05/2024	08/02/2025
Bryant	John	AF	Facilities Management	Custodian	09/03/2024	08/04/2025
McCoy	Brian	AF	Wadsworth Hall Food Service	Food Service Helper	03/31/2025	08/06/2025
Southerland	Brian	AF	Wadsworth Hall Food Service	Food Service Helper	08/14/2022	08/06/2025
Eles	Sarah	AF	Facilities Management	Custodian	10/04/2021	08/07/2025
Gross	Robert	PF	University Marketing & Communications	Graphic Design Specialist	03/07/2022	08/08/2025

BOARD OF TRUSTEES OFF-PAYROLL REPORT
(July 1, 2025 to September 13, 2025)

Hou	Pei	RP	Geological & Mining Engineering & Sciences	Research Assistant Professor	07/15/2024	08/08/2025
Heiden	Patricia	FF	Chemistry	Professor	08/29/1994	08/10/2025
Foltz	Karen	UF	Sponsored Programs Office	Senior Administrative Aide	12/06/1999	08/12/2025
Fisher	Carli	PF	Enrollment Management	Assistant Director, Enrollment Communication	12/14/2020	08/14/2025
Techtmann	Stephen	FF	Biological Sciences	Associate Professor	08/17/2015	08/15/2025
Ahola	Connie	AP	Wadsworth Hall Food Service	Food Service Helper	07/22/2024	08/16/2026
Huang	Kaiwu	RF	Chemical Engineering	Research Assistant Professor	08/07/2023	08/17/2025
Singh	Hardeep	UF	Psychology & Human Factors	Administrative Aide	01/06/2025	08/17/2025
Wang	Xiaojie	RF	Physics	Research Assistant Professor	02/01/2021	08/17/2025
Nakkula	Ashley	AF	Facilities Management	Custodian	08/18/2025	08/20/2025
Mitchell	Jean	AF	McNair Hall Food Service	Food Service Helper	08/07/2023	08/22/2025
Nelson	Sean	AF	Wadsworth Hall Food Service	Cook Helper	08/05/2024	08/22/2025
Barr	Nancy	PF	Associate Provost for Undergrad Education	Assess & Writing Support Specialist	02/23/2024	08/30/2025

D. 2026 Meeting dates

VII-D. PROPOSED 2026 MEETING DATES

The following dates are presented for approval

Retreat

Wednesday, February 25, 2026 (half day)

Thursday, February 26, 2026

Formal Session

Friday, February 27, 2026

Friday, April 24, 2026

Thursday, July 30, 2026

Friday, October 2, 2026

Friday, December 18, 2026

RECOMMENDATION: That the Board of Trustees approves the 2026 meeting dates as presented.

E. Funding Productivity Report

Michigan Technological University
Michigan Tech Fund
Fundraising Productivity Report

Fiscal Year 2026 through 8/31/2025

FY 2026

Source	YTD Total	FY Goal	% of Goal
Individual Giving	*$13,733,784*	*23.18*	*59%*
Corporate Giving	$453,824	2.62	17%
Foundation & Other Org Giving	$132,700	5.13	3%
Corporate Sponsored Research	$1,985,561	14.09	14%
FUNDRAISING TOTAL	**$16,305,869**	**45.02**	**36%**

FY 2025

Source	YTD Total	FY Goal	% of Goal
Individual Giving	*$4,719,522*	*22.61*	*21%*
Corporate Giving	$385,728	2.56	15%
Foundation & Other Org Giving	$162,931	5.00	3%
Corporate Sponsored Research	$1,858,463	13.75	14%
FUNDRAISING TOTAL	**$7,126,644**	**43.92**	**16%**

F. Approve Sale of Surplus Property

VIII-E. RESOLUTION TO APPROVE SALE OF SURPLUS PROPERTY

The University received a pre-owned 2009 Maine Cat P-47 Catamaran *Crackerjack*, Hull Identification Number (HIN) MCP47005A909, by donation in 2022. At the time of donation, the vessel was valued at $643,600. The vessel also includes a 2009 rigid inflatable dinghy, model 11 AL, that was valued at $4,000 at the time of gift acceptance.

The University has evaluated the item for potential use in accordance with Chapter 11 of the Property Procedures Manual and has determined that the item cannot currently be appropriately used by the institution. Accordingly, the University seeks Board approval for the sale of the item in accordance with the terms in the Property Procedures Manual.

RECOMMENDATION: That the Board of Trustees approve the future sale of the 2009 Maine Cat P-47 Catamaran and the 2009 rigid inflatable dinghy in accordance with the terms in the Property Procedures Manual.

VIII. Action and Discussion Items

A. Emerita Rank
Andrew Storer, Provost and Senior Vice President for Academic Affairs

VIII-A. EMERITA RANK

Recommendation for the granting of faculty emerita/emeritus status originates within the retiree's academic department and proceeds through the respective college. Once approved, the recommendation is presented to the provost, and if successful, to the president of the University for presentation to the Board of Trustees.

RECOMMENDATION: It is recommended that the Board of Trustees approves the request to name Dr. Patricia Heiden Professor Emerita in the Department of Chemistry.

B. Resolution to Accept the FY25 Audited Financial Statements
Carlos Rodriguez, Treasurer
Brian Greko, Plante Moran

VIII-B. FY25 AUDITED FINANCIAL STATEMENTS

Plante & Moran, PLLC has provided audit services and presented their opinion regarding the 2025 Financial Report for Michigan Technological University. After review, the Board of Trustees resolves the following:

RECOMMENDATION: That the Board of Trustees accepts the FY2025 audited financial statements, contained in the 2025 Financial Report, for the year ended June 30, 2025 as presented.

C. Five-Year State Capital Outlay Plan and Request

Carlos Rodriguez, Treasurer

VIII-C. FY27 FIVE-YEAR STATE CAPITAL OUTLAY PLAN AND REQUEST

The FY27 Five-Year State Capital Outlay Plan and Request is required to be submitted to the State of Michigan this fall with Board of Trustees approval and is included herein.

RECOMMENDATION: That the Board of Trustees approves the FY27 Five-Year State Capital Outlay Plan and FY27 Capital Project Request to be submitted to the State of Michigan.

FY27 Five-Year State Capital Outlay Plan							
Rank	**Project Name**	**Gross Sq. Ft. New**	**Gross Sq. Ft. Renovated**	**Total Project Costs (000's)**	**State Funds (000's)**	**Est. Const. Univ. Funds (000's)**	**FY Start/ FY End**
1	Center for Convergence and Innovation (CCI)	70,000	0	56,000	30,000	26,000	2026/2030

Description

1. Center for Convergence and Innovation: The Center for Convergence and Innovation (CCI) will help position Michigan's economy as a leader in digital transformation through cutting-edge research, workforce development, and strategic partnerships. The CCI aligns closely with Michigan's "Sixty by 30" and economic prosperity goals by supporting innovations in computing, connectivity, sensorization, and business in this new age of digital transformation fueled in part by the rapid advances in artificial intelligence. In its 2025 report, Hanover research (hanoverresearch.com) reported that six of the top ten fastest growing occupations will be Data scientist (36%), Information security analyst (32.7%), Computer & information research scientist (25.7%), Operations research analyst (23%), Actuary (21.9%), Financial examiner (20.9%) and Logistician (19.3%). Supporting this growth, five of the top ten bachelors degree programs are System, networking, & LAN/WAN mgmt (32.6%), Intelligence (22.2%), Econometrics & Quantitative Economics (18%), Computer programming (15.3%), and Computer & information systems security (16.1%). Each of these increases in demand will be addressed in the CCI building. Within Michigan, the Michigan Bureau of Labor, the state expects an 11.3 percent increase for computer and mathematical operations, a 3.6 percent increase in workforce demand for business and financial operations, a 4.5 percent increase for management — cumulatively generating over 36,980 projected new jobs by 2032.

Michigan Tech's College of Computing was the first of its kind in Michigan, and enrollment has grown considerably in the past five years and with increased focus on Artificial Intelligence (AI) the college expects to see continued growth. Michigan Tech's Center for Artificial Intelligence is a hub for departments, colleges, industry partners, community organizations, and other stakeholders to catalyze interdisciplinary AI research initiatives. The Center for AI includes 30 faculty and $12.8 million in research projects since the start of FY22, working on fundamental advances in AI and cross-cutting research in areas including transportation, materials design, health informatics, and climate resiliency. The center is also committed to preparing a new generation of AI professionals by offering cutting-edge educational programs and professional development activities to promote ethical and trustworthy development and usage of AI. The College has also been a key player in developing the Institute of Computing and Cybersystems (ICC), a research institute that forms an umbrella for the growing research activity in these areas. The ICC had $3.1M in research expenditures in FY25. The College of Computing had FY25 research awards totaling $4.4M and $7.4M in research expenditures. Nationally, Michigan Tech is now in the top-100 for computer and information science research expenditures in the most recent NSF-HERD rankings for FY22, a rise in the rankings from 150th when the college was formed. In addition, enrollment in Michigan Tech's College of Business has grown 38% in the last five years. Taken together, the two colleges account for a large percentage of MTU's growth in the last five years. Congruent with the state's long-term economic transformation, this project will provide a place for existing computing, data science, computing and business programs to converge to spur new degree programs, entrepreneurial projects, outreach to businesses and

communities, increased industry and government funding for research, and the development of a highly agile workforce prepared to implement digital transformation solutions throughout Michigan. Students and employees from the College of Computing and College of Business will be commingled to promote cross-disciplinary collaboration, innovation, and entrepreneurship. The design of the building will intentionally promote connections among faculty and students across colleges. Reconfigurable spaces and theme-based shared digital lab facilities will be spread throughout. These facilities will include convergence centers of excellence (cybersecurity, data science, health informatics, fintech, business analytics, and tech-based entrepreneurship); active-learning, computer-learning, and online-learning classrooms; flexible collaboration spaces open to all; student learning centers; open-access conference rooms; a reconfigurable digital makerspace; and an entrepreneurship training hall. In addition to meeting Michigan Tech's convergence needs, this building will facilitate continued aggressive growth in areas that will help Michigan reach our goal of talent retention/attraction. The estimated investment of $56,000,000 will allow Michigan Tech's College of Computing and College of Business to realize their combined potential and ensure Michigan's future economic prosperity.

D. Resolution to rename the Advancement Technology Development Complex (ATDC)
Carlos Rodriguez, Treasurer

VIII-D. RENAMING THE ADVANCED TECHNOLOGY DEVELOPMENT COMPLEX (ATDC) TO THE MICHIGAN TECH ALUMNI CENTER

The renaming of Michigan Tech facilities occurs at the discretion of the Board of Trustees, in accordance with Board Policy 12.1. At this time, the use of the Advanced Technology Development Complex, also known as the ATDC, has evolved. The advanced technology development work continues at Michigan Tech within our research institutes and other places on main campus. We are excited to announce that the ATDC building is becoming the new, central home for the Office of Advancement and Alumni Relations. Consistent with that change in purpose, we propose renaming the building the Michigan Tech Alumni Center.

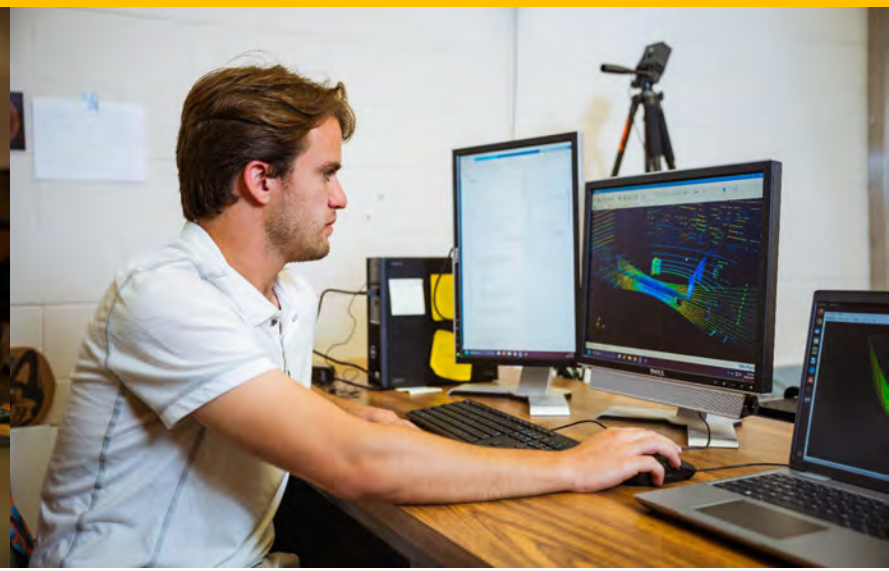
RECOMMENDATION: That the Board of Trustees approves the renaming of the Advanced Technology Development Complex to the Michigan Tech Alumni Center.

IX. Reports

A. Michigan Tech's Innovation in Industry 5.0
Vinh Nguyen, Assistant Professor, Mechanical and Aerospace Engineering

Michigan Tech's Innovation in Industry 5.0





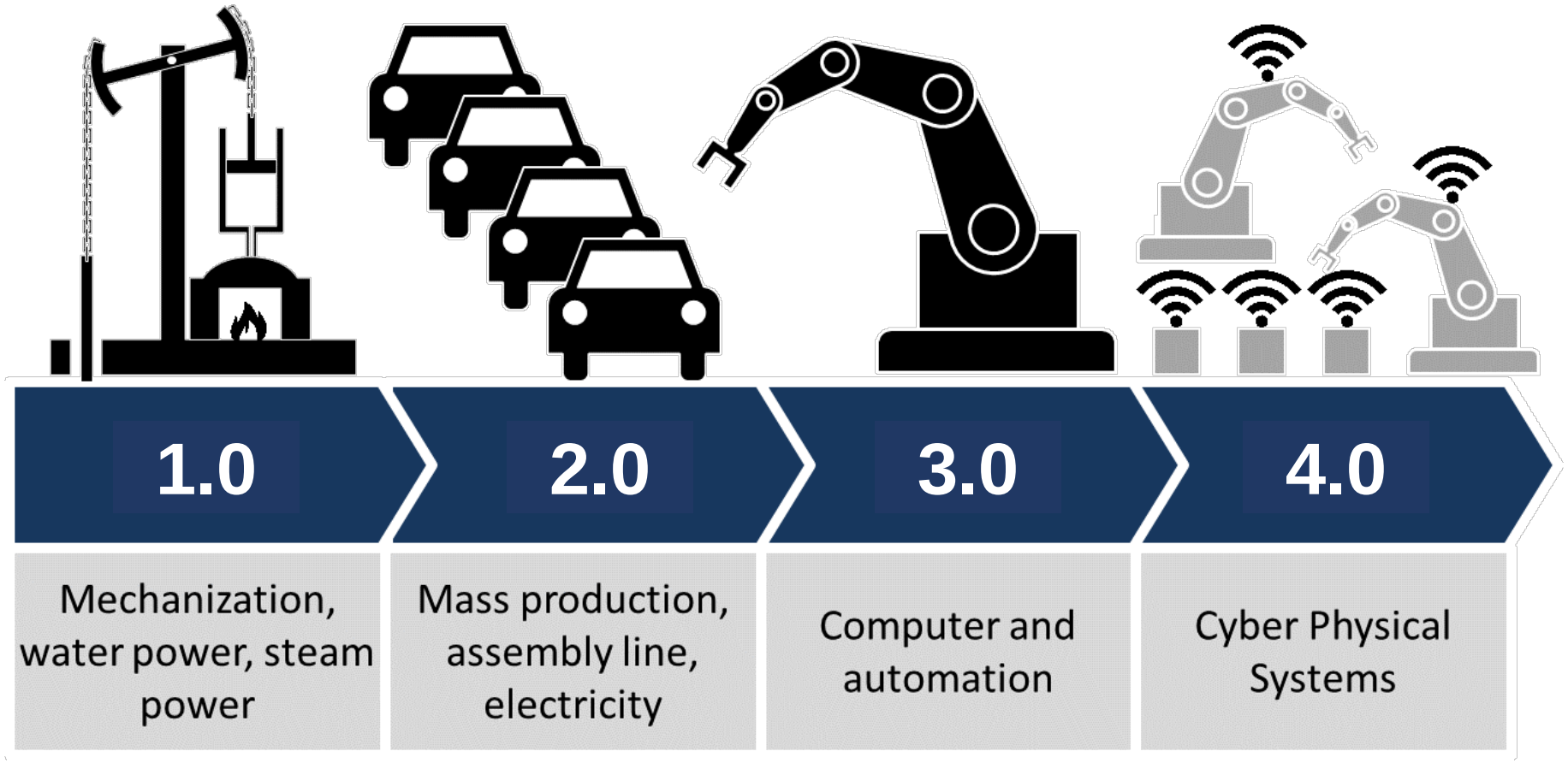
Vinh Nguyen
vinhn@mtu.edu

Assistant Professor, Mechanical and Aerospace Engineering
Center Director, Center for AI, Institute of Computing and Cybersystems

Michigan Tech

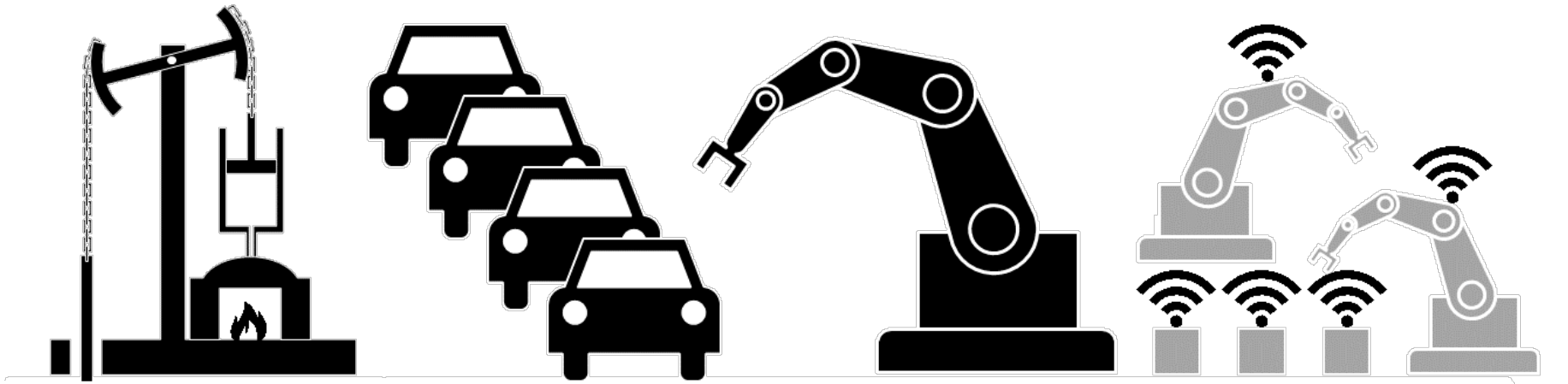
Industry 5.0

Progression to Industry 4.0



Industry 5.0

What Comes Next?



Industry 5.0

Forbes

LEADERSHIP > LEADERSHIP STRATEGIES

What Is Industry 5.0 And How It Will Radically Change Your Business Strategy?

By Jeroen Kraaijenbrink, Former Contributor. ⓘ Jeroen Kraaijenbrink is a strategy expert who share...

WORLD ECONOMIC FORUM

EMERGING TECHNOLOGIES

Technology convergence is leading the way for the fifth industrial revolution

European Commission

EN

Research and innovation

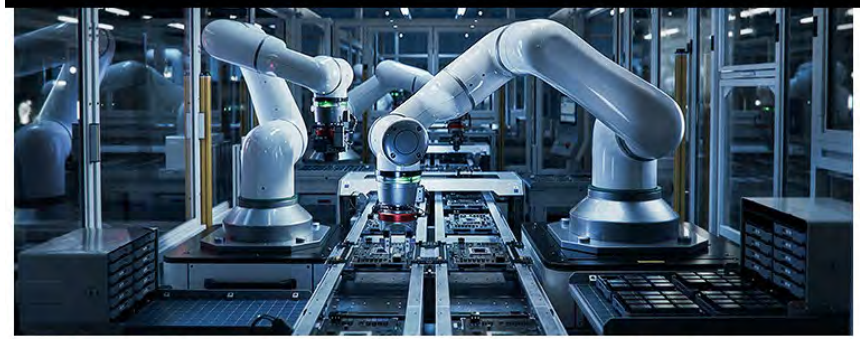
Home > Research by area > Industrial research and innovation > Industry 5.0

Industry 5.0

What this approach is focused on, how it will be achieved and how it is already being implemented.

mt manufacturing today

Insights News Features Events Webinars Awards



Building the bridge to Industry 5.0. By Anupam Singhal

Rothschild & Co

The dawn of Industry 5.0

19/11/2024

Eunice Harbeke
Investment and Portfolio Adviser, MBA

Laura Künlen
Investment Insights Specialist

Michigan Tech

Industry 5.0

*In the aftermath of the pandemic, Fifth Industrial Revolution aims to be a paradigm shift that emphasizes the **human element**, **business longevity**, and **operational resiliency** in industry.*

Our lab aims to advance AI and industrial automation with Industry 5.0!

Human Centricity

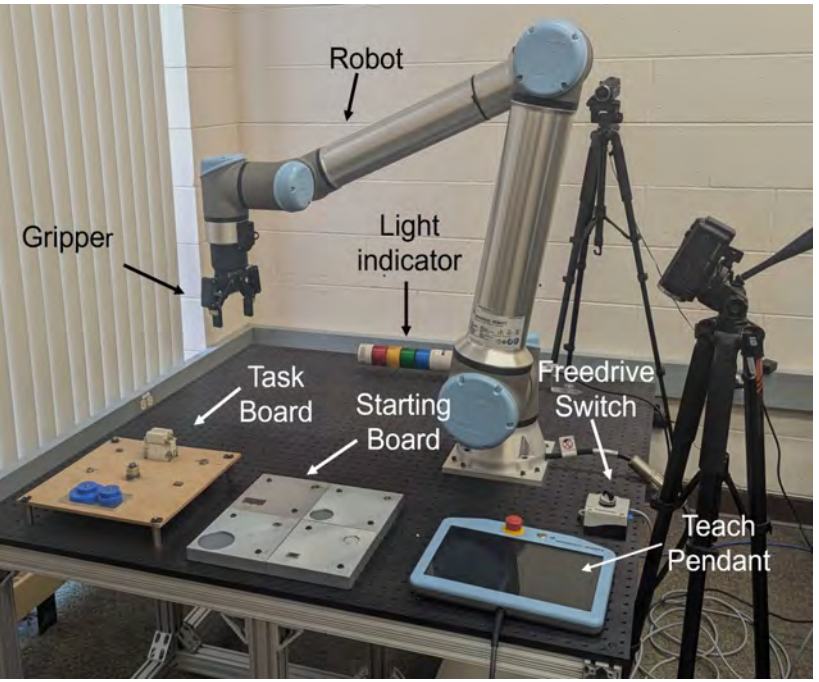
Business Longevity

Operational Resiliency

Human Centricity

Mixed Reality for Human-Robot Assembly Tasks

Task Board Setup

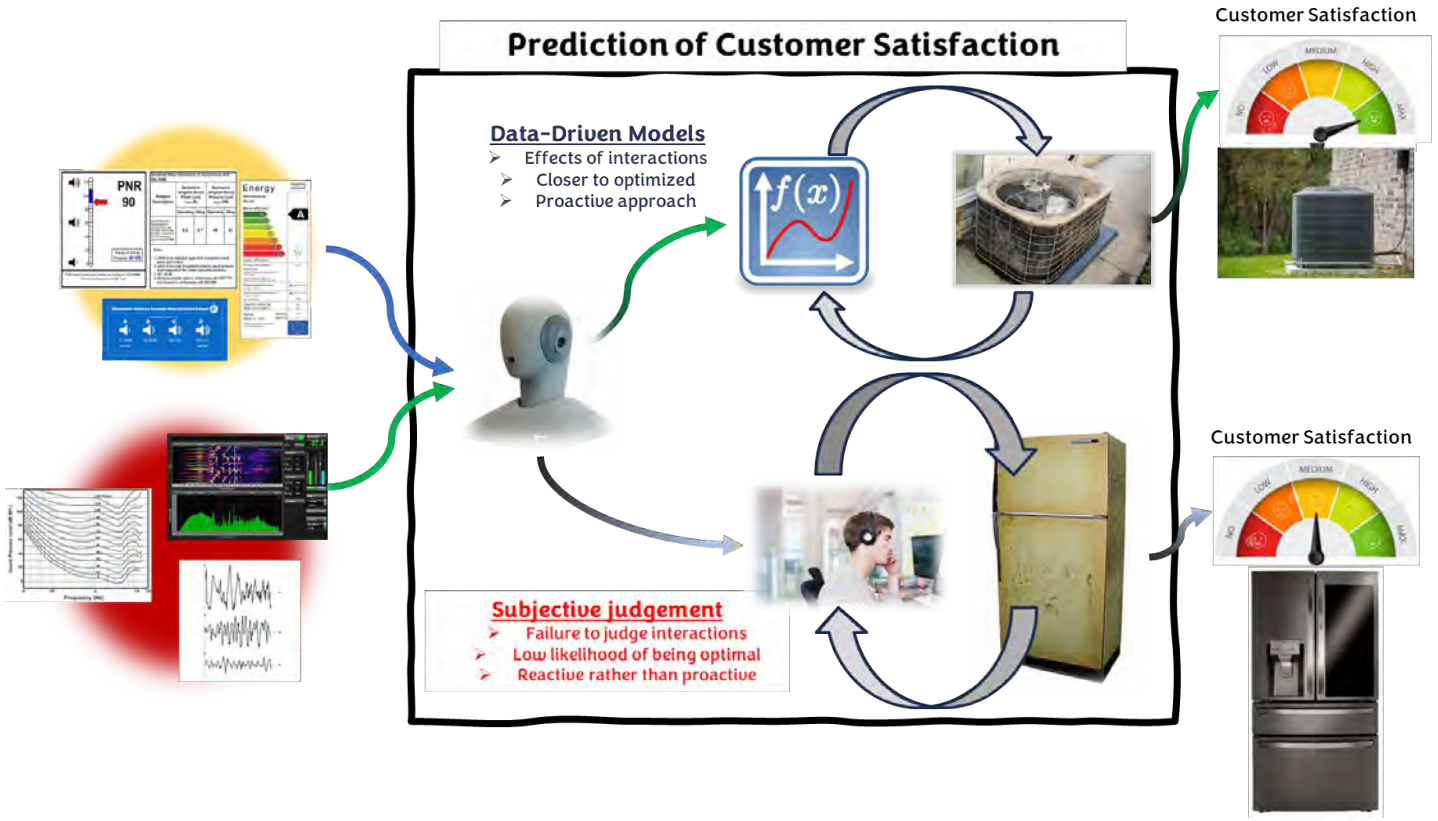


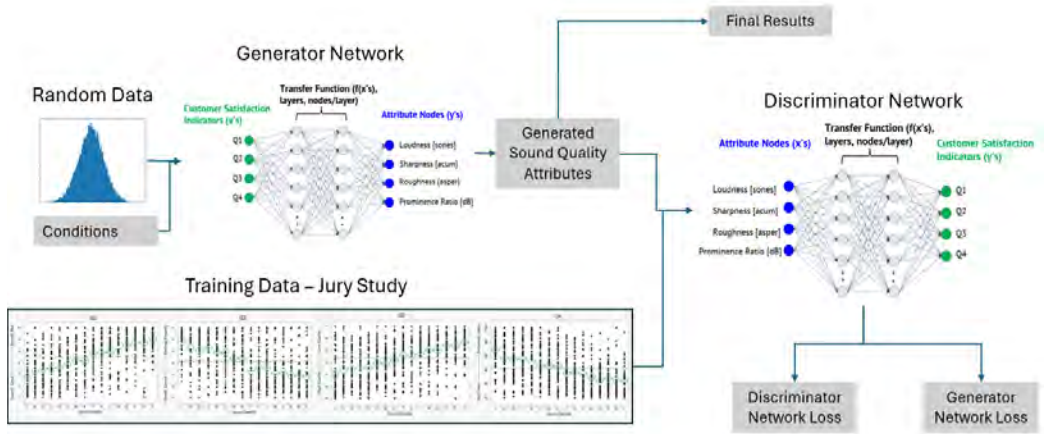
Unassisted

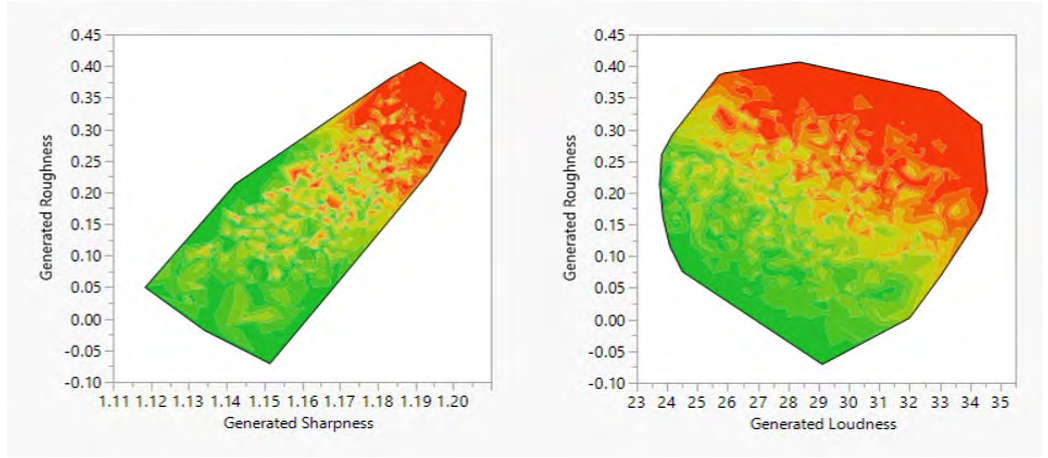
Mixed Reality

Human Centricity

Generative Sound Design to Improve Customer Satisfaction



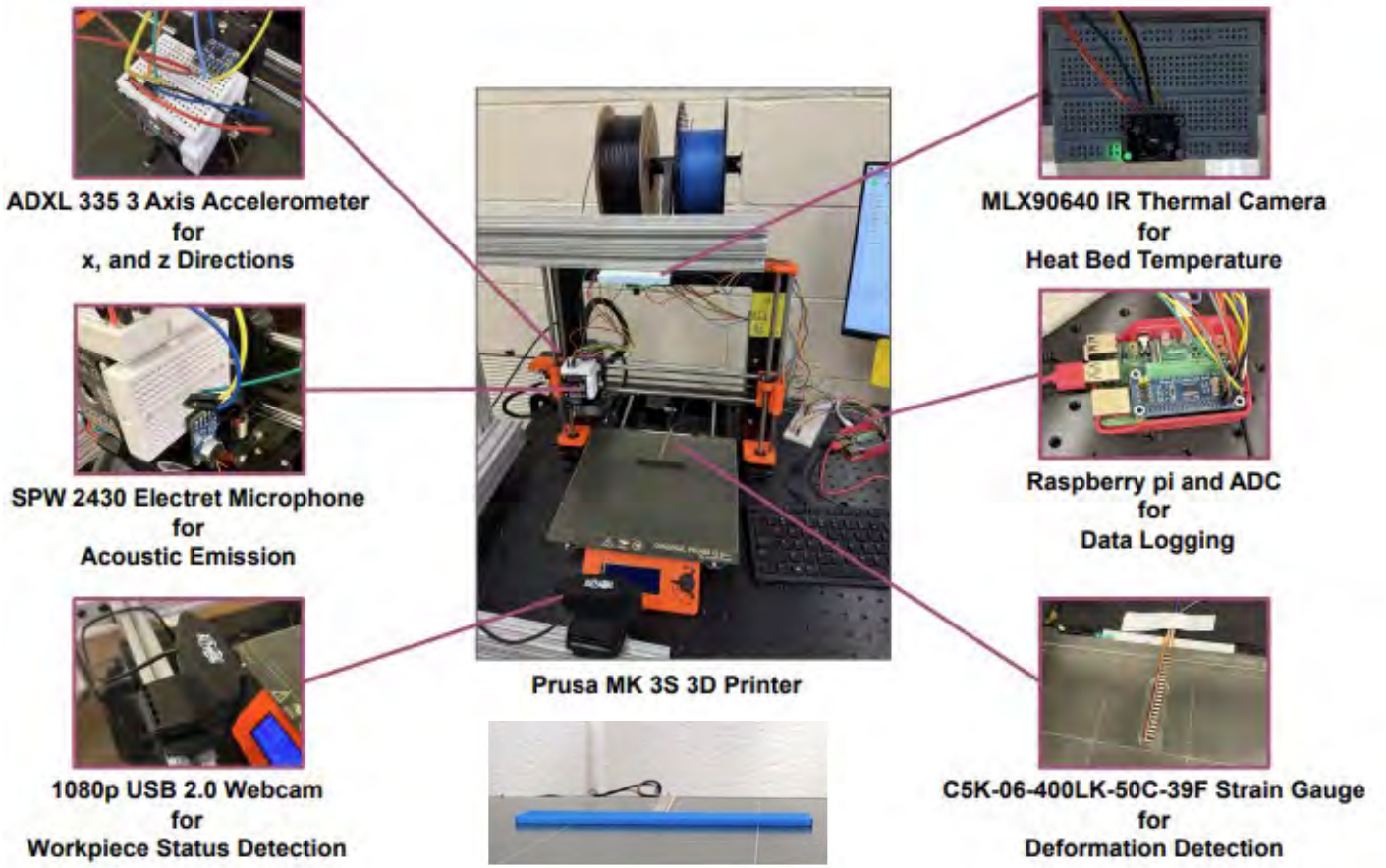


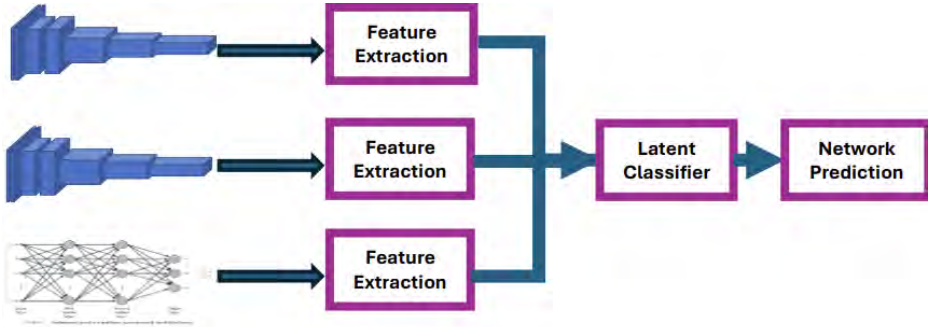


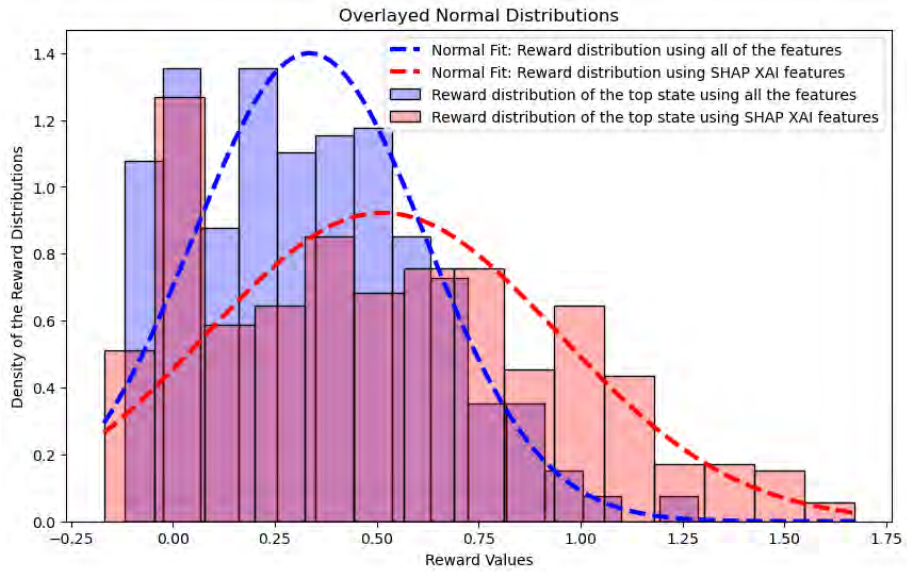
Michigan Tech

Human Centricity

Explainable AI of Big Data in Manufacturing Systems







Michigan Tech

Industry 5.0

*In the aftermath of the pandemic, Fifth Industrial Revolution aims to be a paradigm shift that emphasizes the **human element**, **operational longevity**, and **foundational resiliency** in industry.*

Our lab aims to advance AI and industrial automation with Industry 5.0!

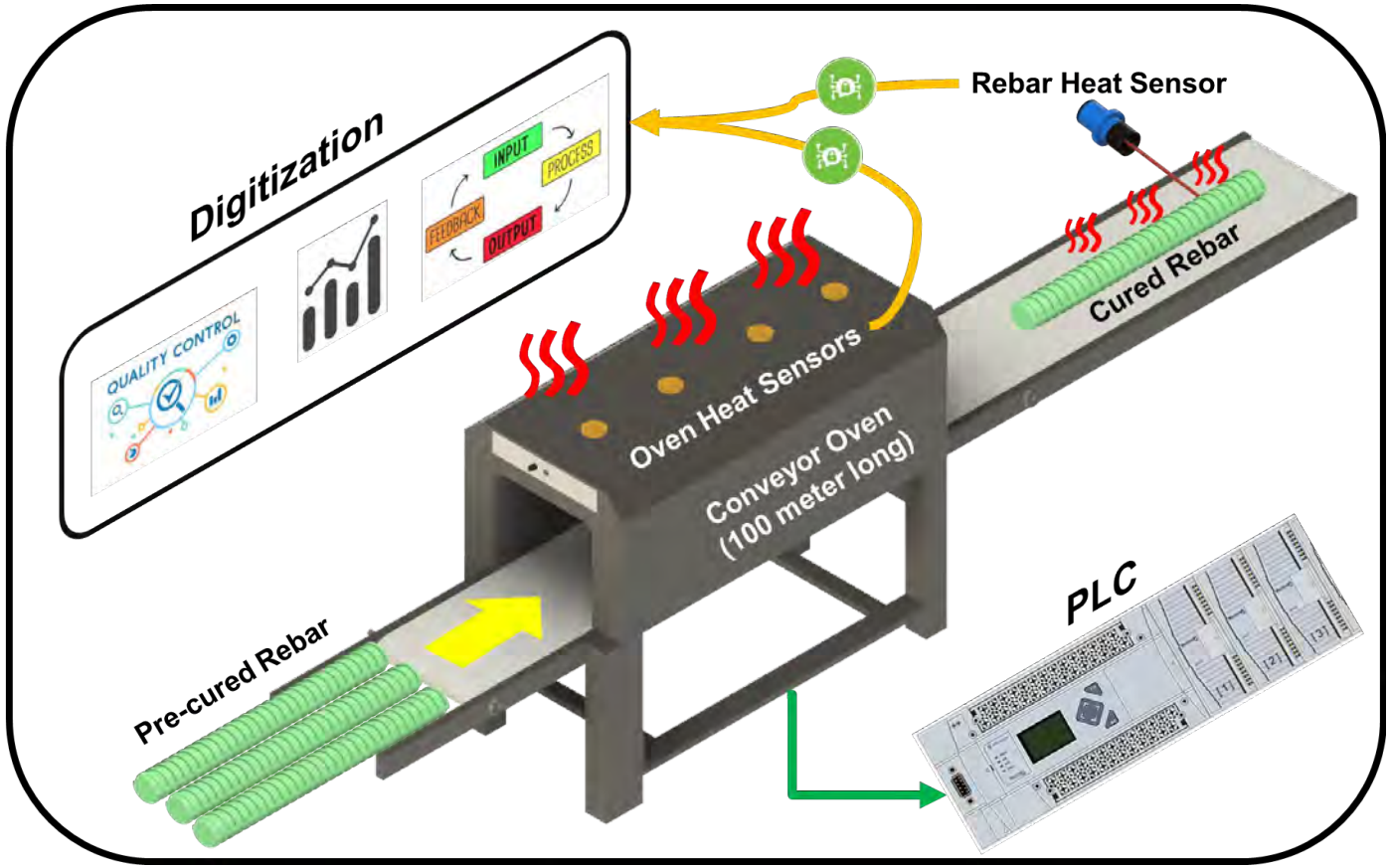
Human Centricity

Business Longevity

Operational Resiliency

Business Longevity

Traceable Digitalization of Composite Rebar Manufacturing



Michigan Technological University 1885

AUTOMATION ALLEY

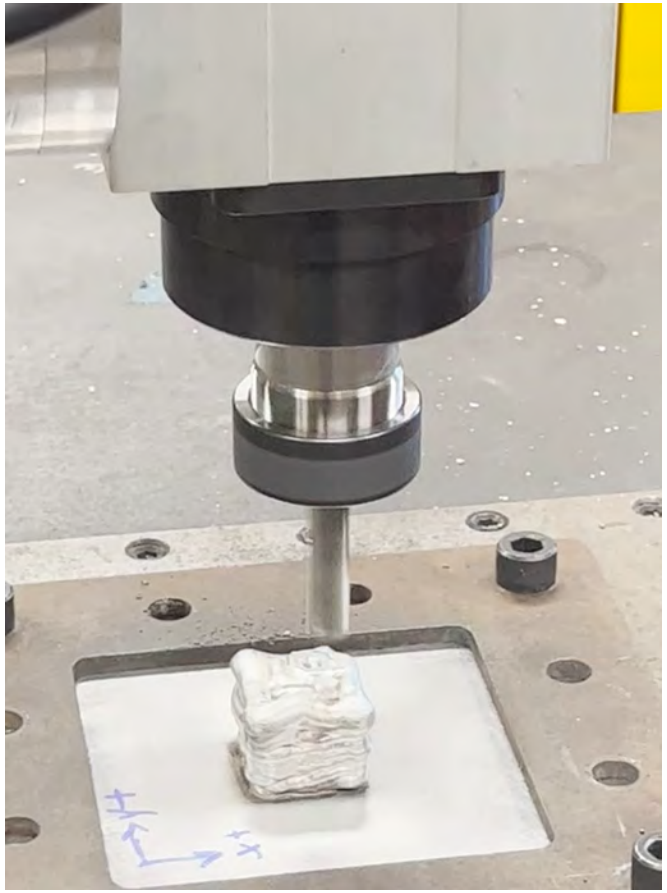
Corsha

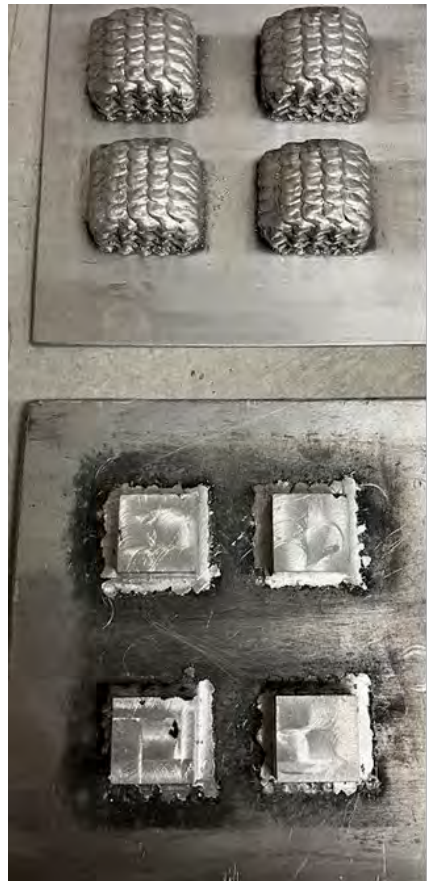
NEUVOKAS™ CREATORS OF GATORBAR

sme

Business Longevity

Hybrid Subtractive-Additive Robotic Manufacturing

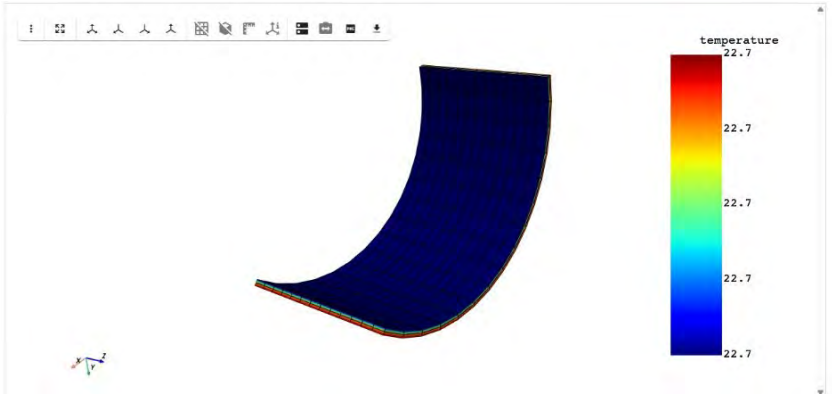


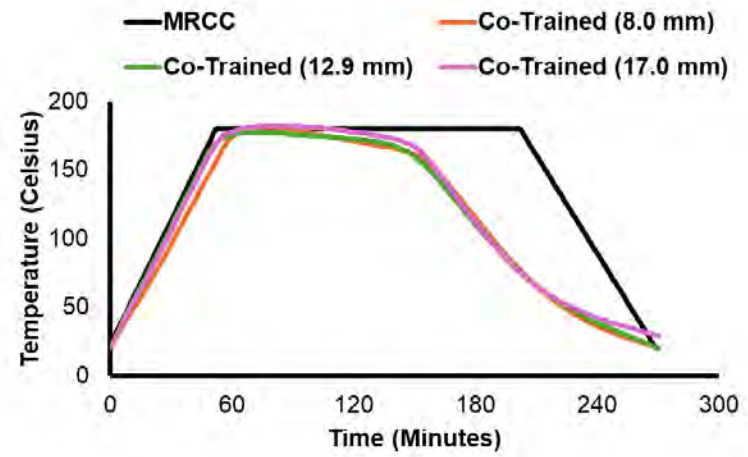


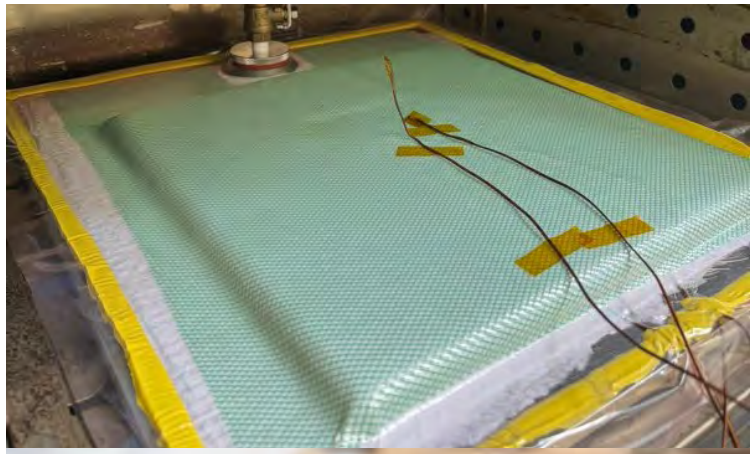
Michigan Tech

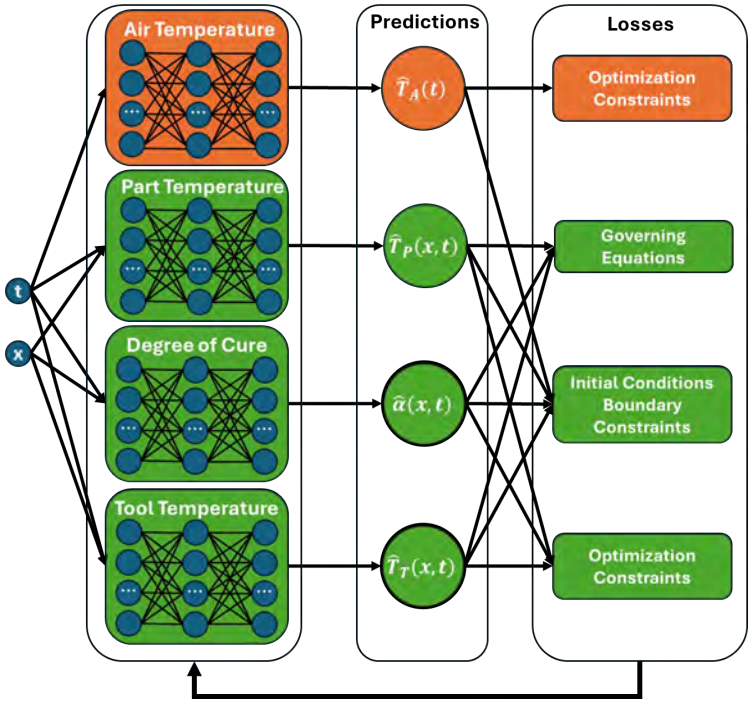
Business Longevity

Physics-Informed Neural Networks to Optimize Oven Curing









Michigan Tech

Industry 5.0

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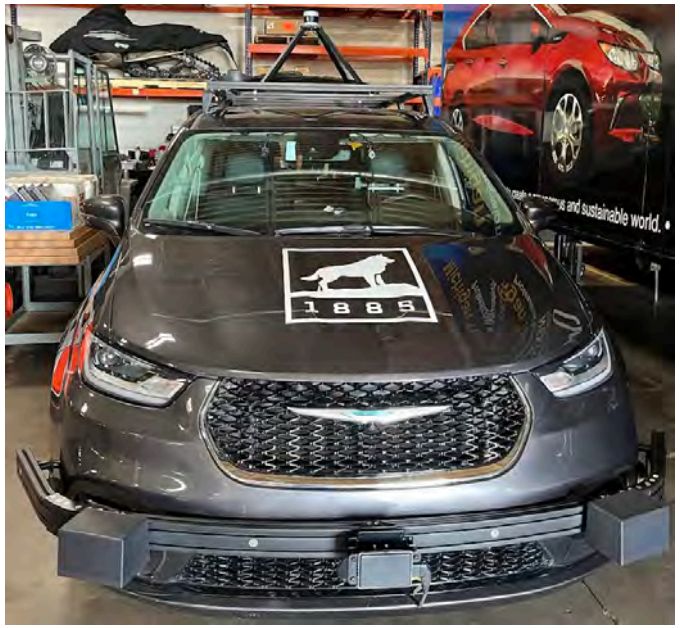
Human Centricity

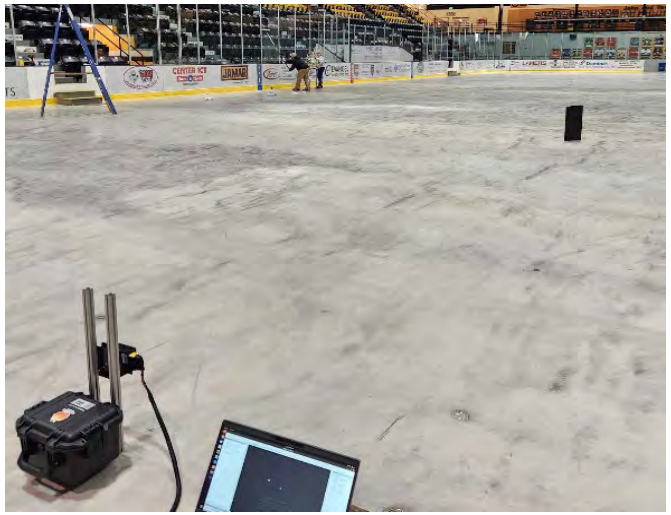
Business Longevity

Operational Resiliency

Operational Resiliency

Testing of Automated Driving Technology in Winter Weather

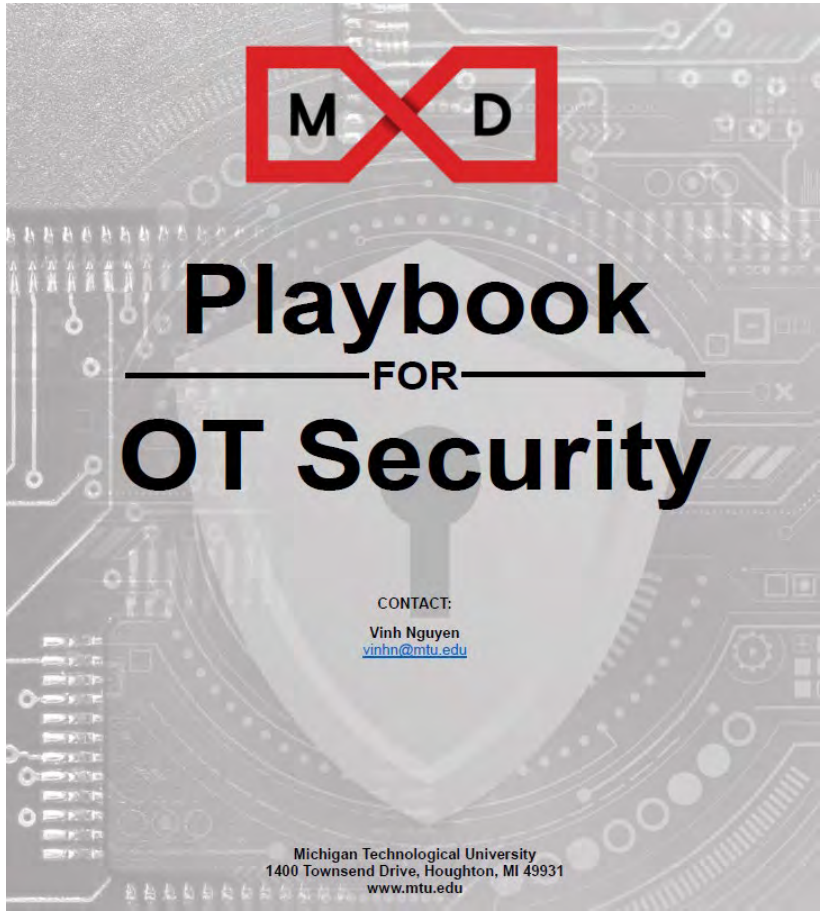




Michigan Tech

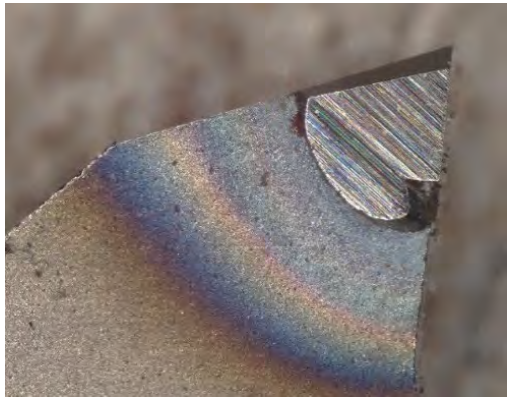
Operational Resiliency

OT Cybersecurity for Small-to-Medium Manufacturers



Calumet ELECTRONICS CORPORATION

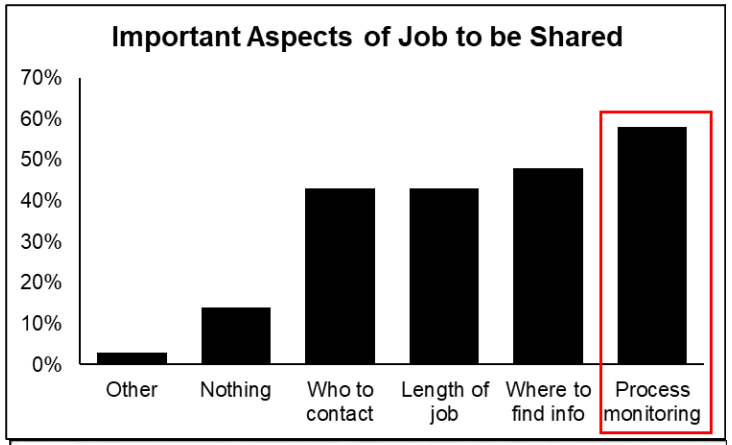
MORSE

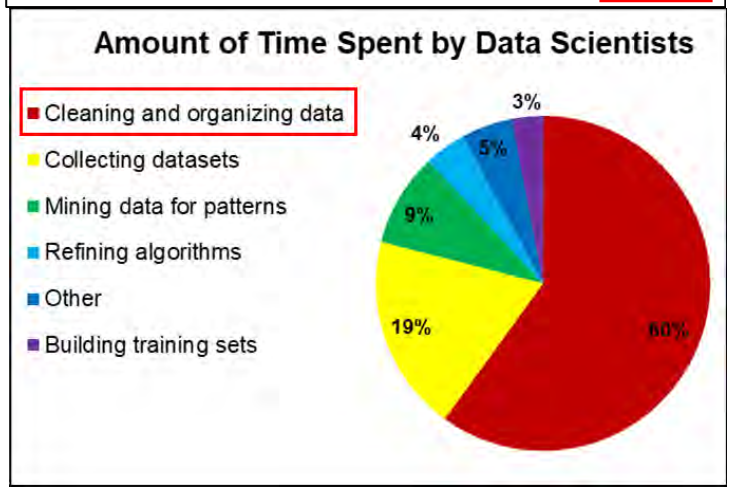


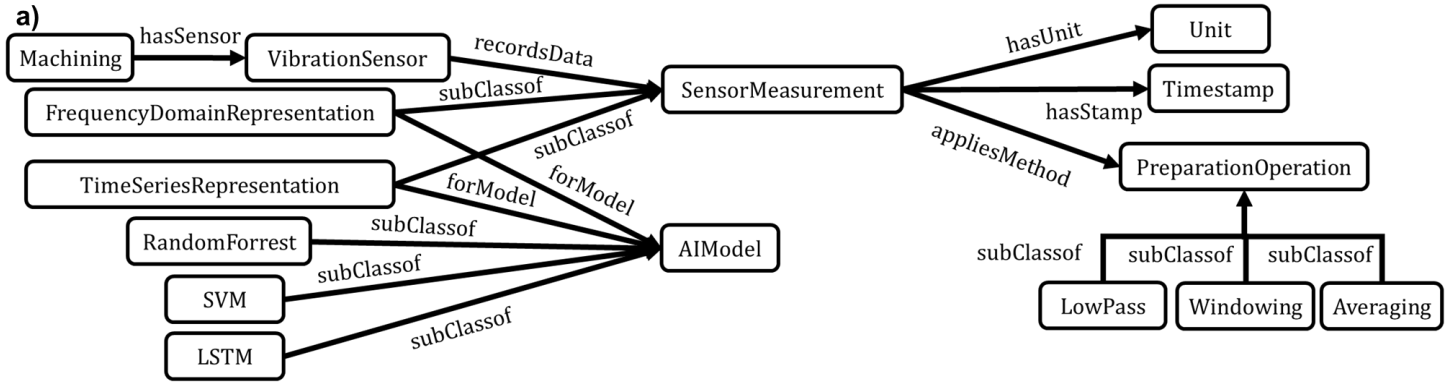
Michigan Tech

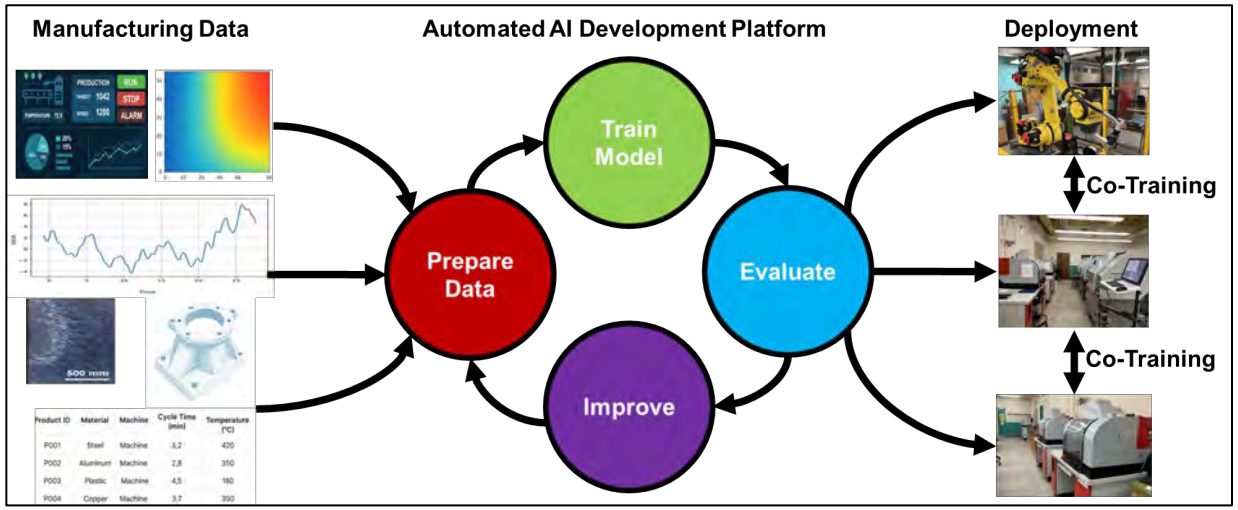
Operational Resiliency

Automated AI Generation for Process Monitoring



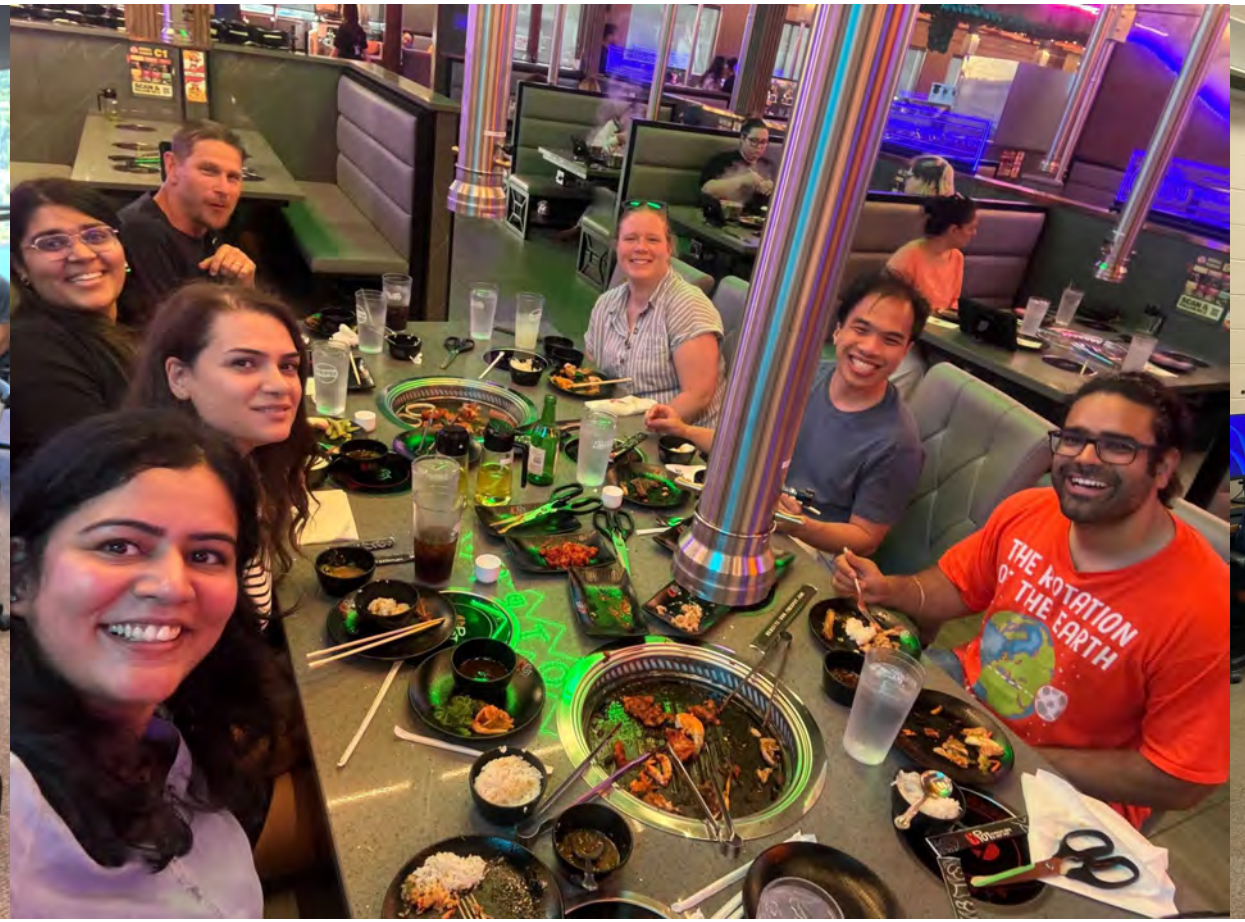






Michigan Tech

Thank you!



Michigan Tech

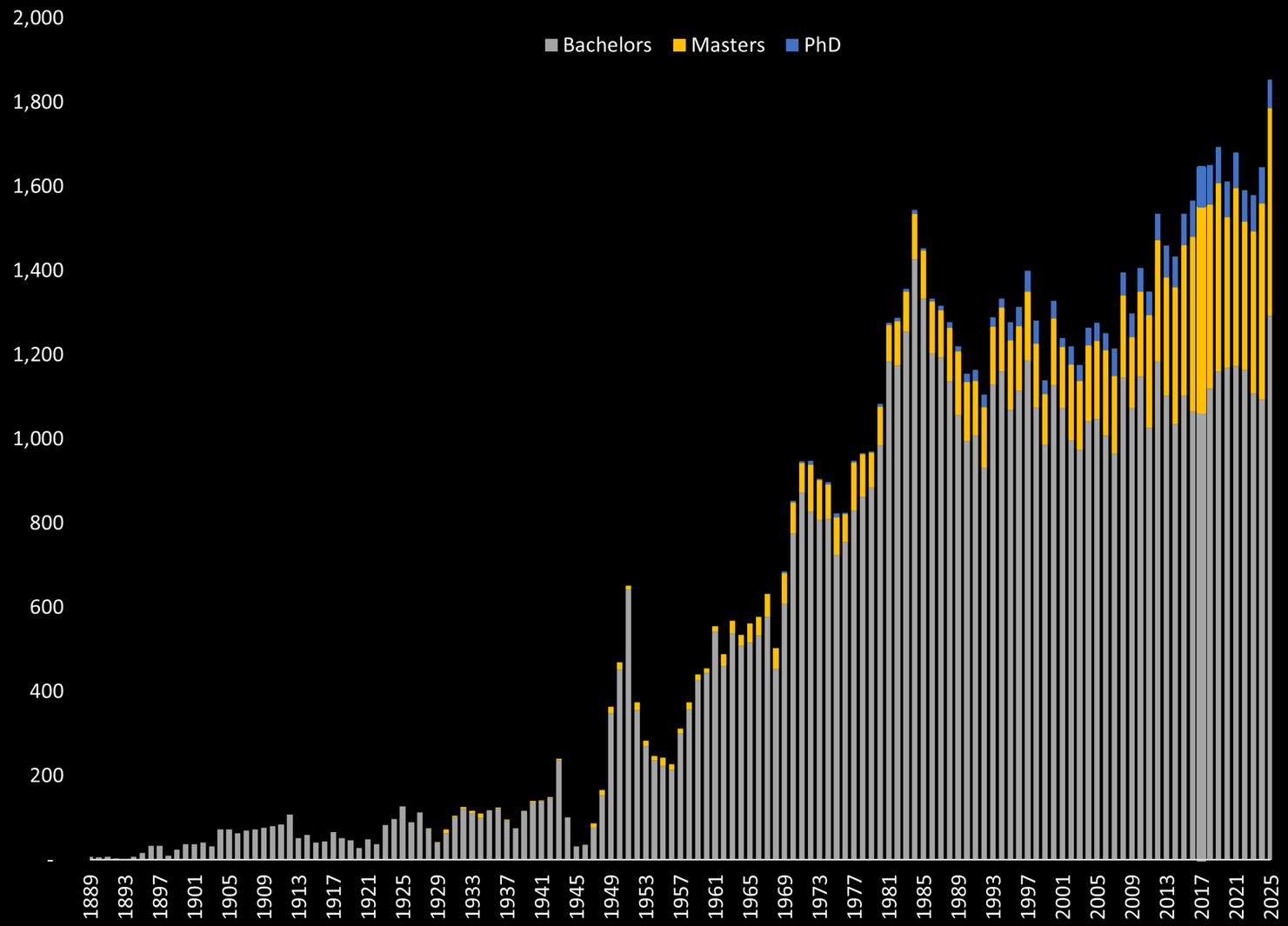
B. Recruiting and Enrollment Update
John Lehman, Vice President for University Relations and Enrollment

BOARD OF TRUSTEES FORMAL SESSION

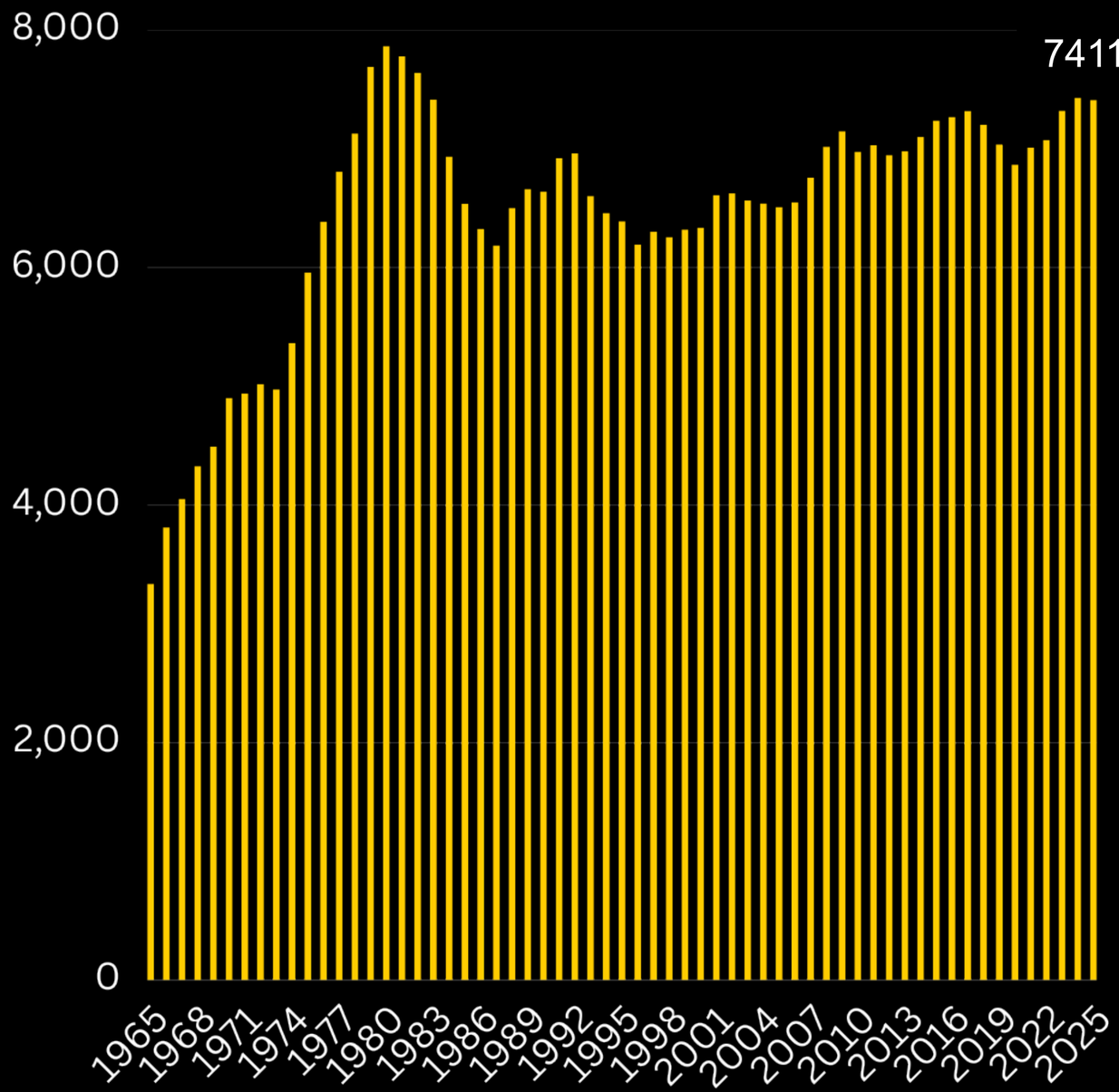
ENROLLMENT UPDATE

OCTOBER 10, 2025

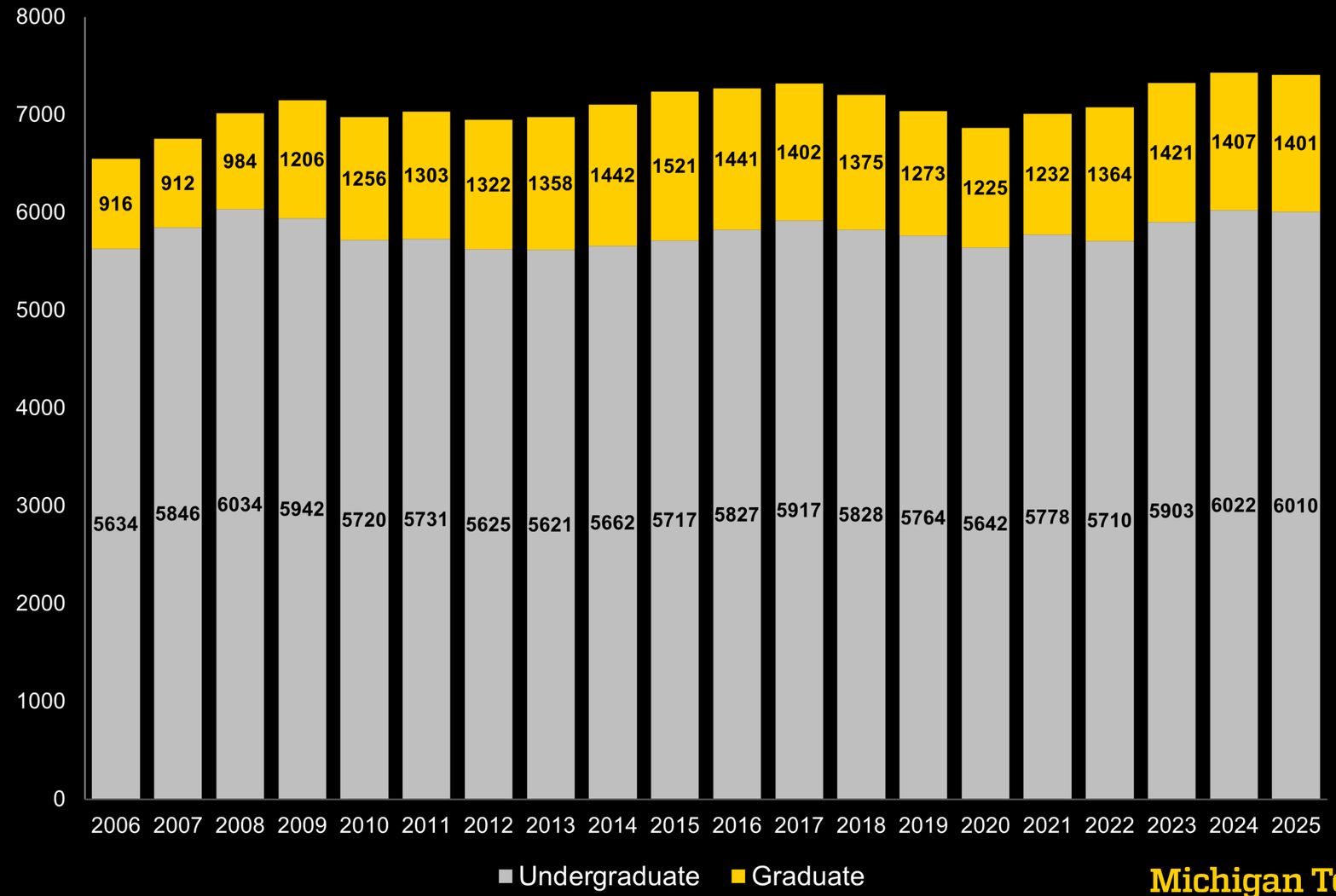
DEGREES CONFERRED



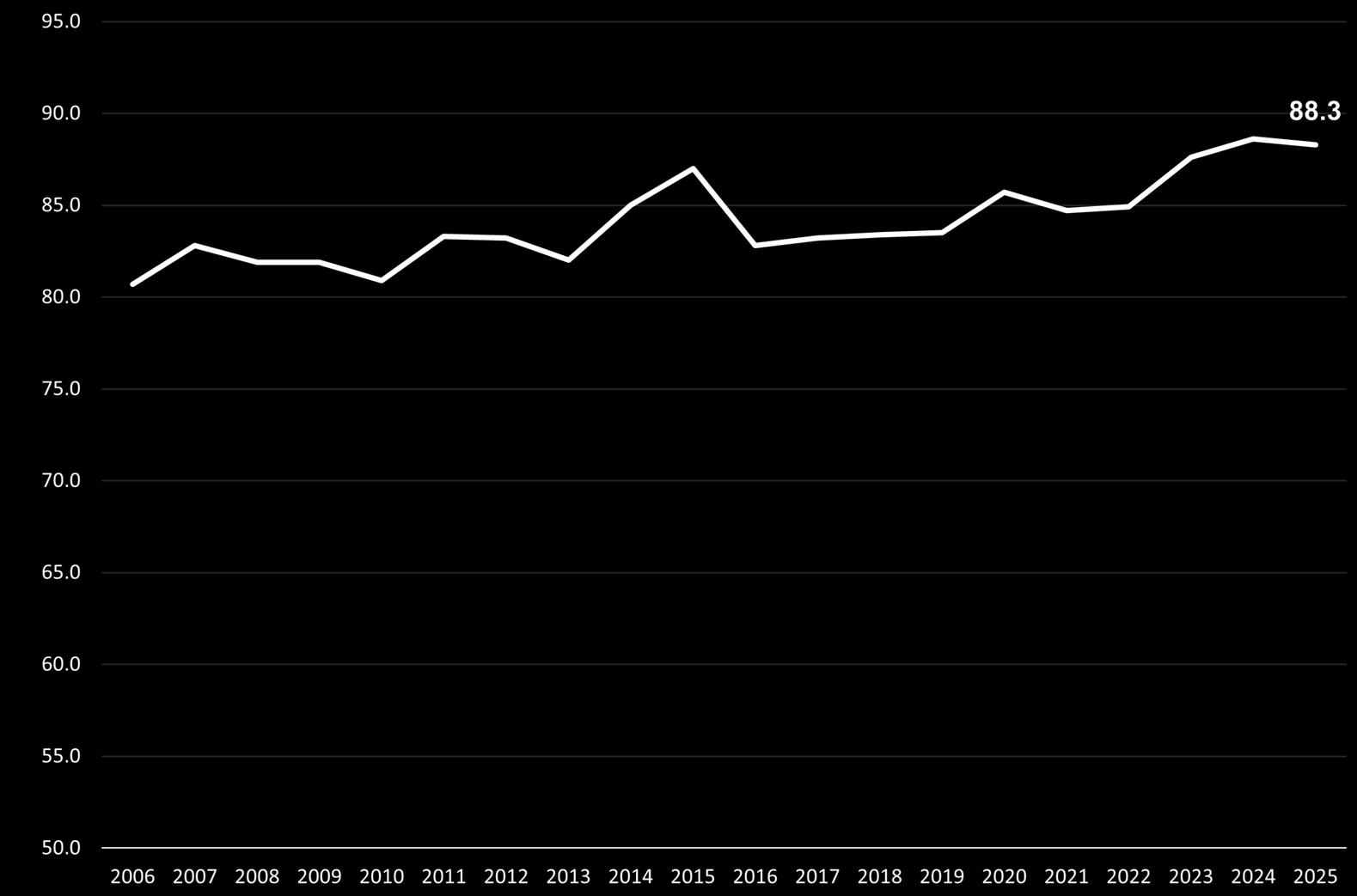
FALL ENROLLMENT



TOTAL ENROLLMENT BY UG/G

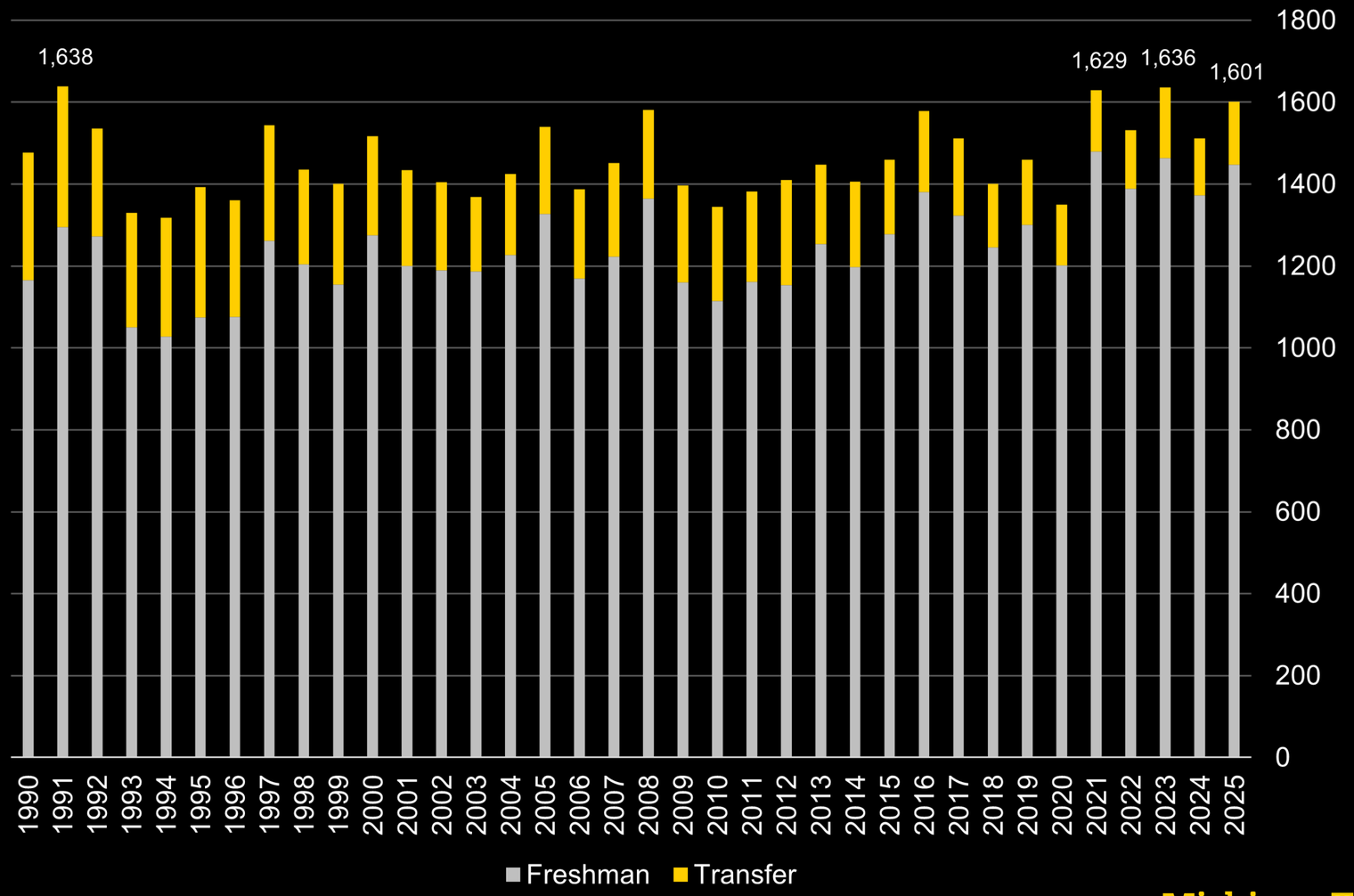


FRESHMEN RETENTION RATE



Michigan Technological University

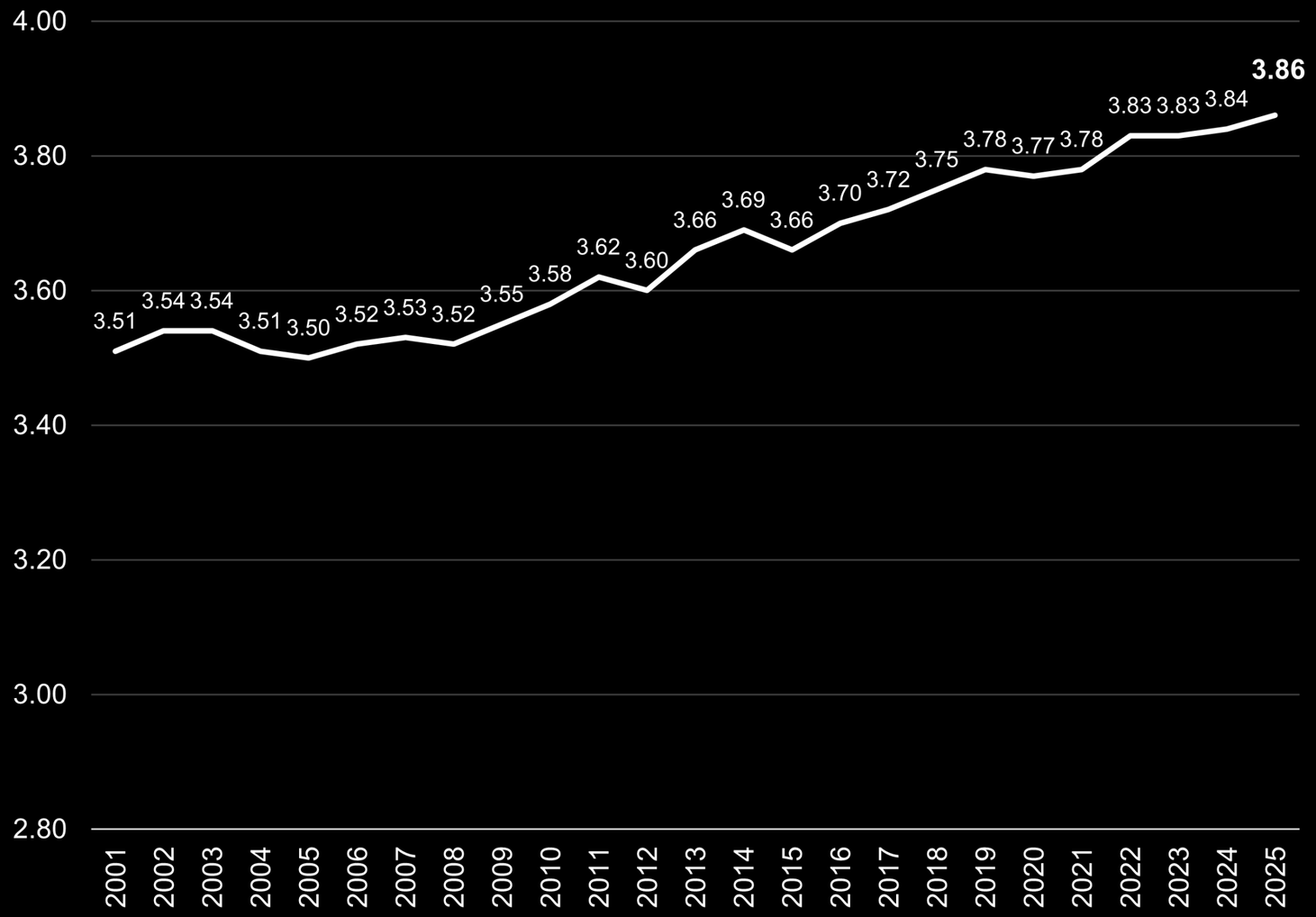
INCOMING UG ENROLLMENT



FRESHMEN HIGHLIGHTS

- 13 majors with an incoming GPA of 4.0 or above
- 34 different states
- Aerospace Engineering: Inaugural class of 61
- Civil Engineering: 66 ➡ 104
- Mechanical Engineering: 275 ➡ 303
- Electrical Engineering: 71 ➡ 92
- Biomedical Engineering: 40 ➡ 64
- Forestry: 15 ➡ 22

FRESHMEN GPA



THANK YOU

C. Undergraduate Student Government

Ford Schoonover, President

UNDERGRADUATE STUDENT GOVERNMENT

USG

AT MICHIGAN TECHNOLOGICAL UNIVERSITY

Recap Fall 2025

OMEGA PHI TAX PROPOSAL

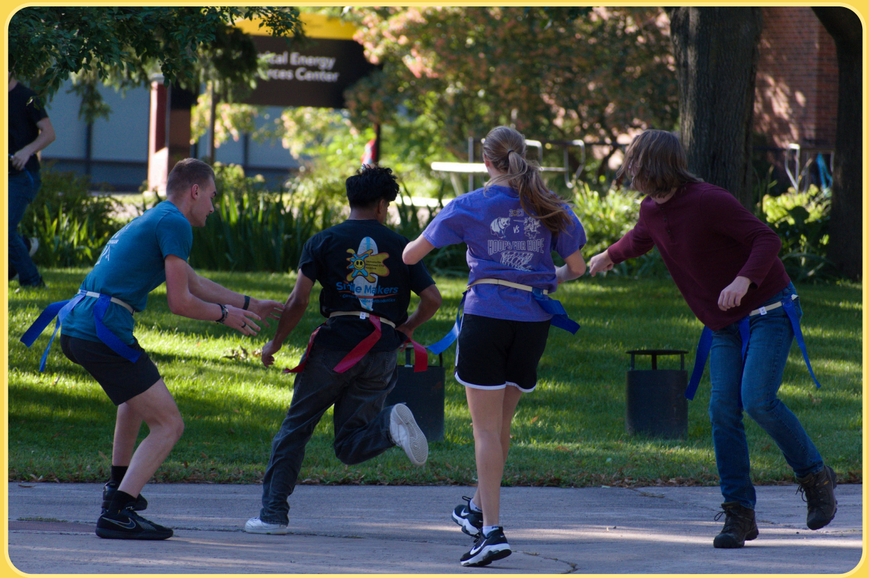
- **Goal:** Register All Student Orgs as **Non-Profits and provide support**
- **$118,000** For **4 Years**
- **100** Tax Hours/Year
- Tax Portal Included

RSO Council Engagement

- 10 New **RSO Councils**
- Incorporate **Liason's** for **each**
- **Led** by SLI

25% Of Body Members Were OTLs

Capture the Flag



Highlights

Exceptional Leadership in Student Governance

Civic Engagement Award

President's Award for Leadership

Ongoing

Constitution Voting

- **Passed: 15%** Of The Student Body Required
- Over **500** Votes in the last 3 Weeks
- **Next Steps:** Present to Board of Trustees

Representative Elections

- **180+** Nominations
- **20+** Students Running
- Expecting **Full Body** For The First Time in **5+** Years

Bylaw Revisions

- **Goal:** Create A **Strong** But **Adaptable** Framework
- Additional **WaM** Members
- E-board **Stipend** Reduction
- **Currently**: Should We Continue to **Fund Food**?

Committee Report

USG

Student Affairs

- Looking Into **Concerns** About Campus **Store Prices**
- Expanding Liaison Positions
- Exploring Concerns About **Bikes On Campus**

Events

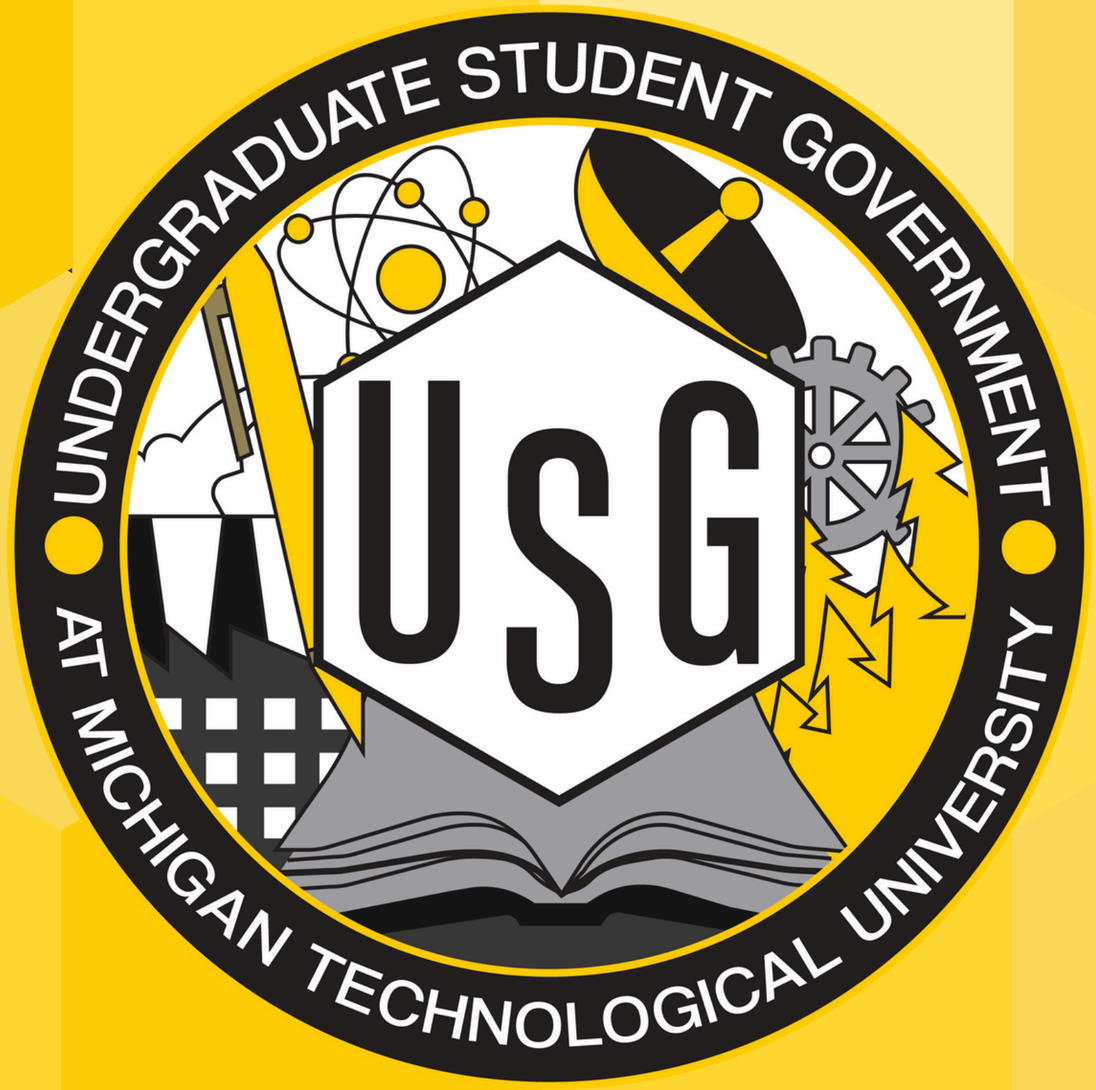
- **Goal: 1** Campus Wide Event Each Month, **1** Targeted Event Each Week
- **Minigolf** Set Renovations
- Body **Workshops** Monthly
- **Body Barn** Renovations

Additional

- **PR:** Highest Social Media **Engagement** To Date
- **Political Affairs:** Voter Engagement Tabling
- **Bylaw Ad-Hoc**: Finalizing Bylaw Revisions

Upcoming

- **SBG Hearing Ad-Hoc**
- **Student Best Practices Ad-Hoc**
- **University Policy Ad-Hoc**


UNDERGRADUATE STUDENT GOVERNMENT
USG
AT MICHIGAN TECHNOLOGICAL UNIVERSITY

D. Graduate Student Government

Lauren Sprague, President

Presentation to

BOARD OF TRUSTEES

Lauren Sprague

GRADUATE STUDENT GOVERNMENT

October 10, 2025

New Graduate Student Orientation Picnic

Chutes & Ladders

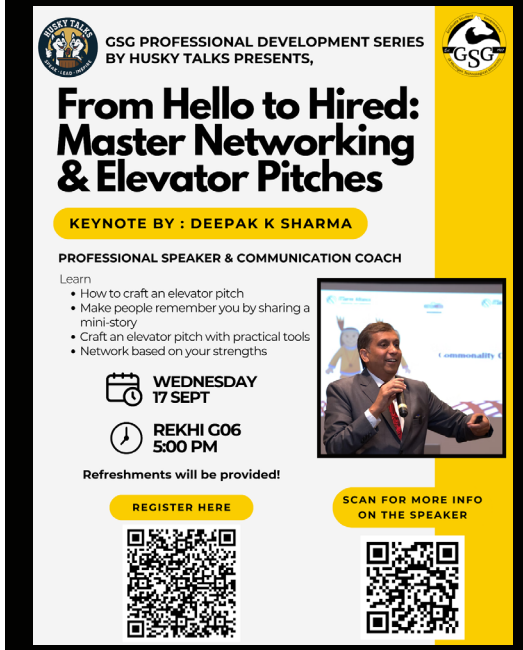
GSG SUMMER/FALL RESEARCH EVENTS

Alumni Reunion Poster Session

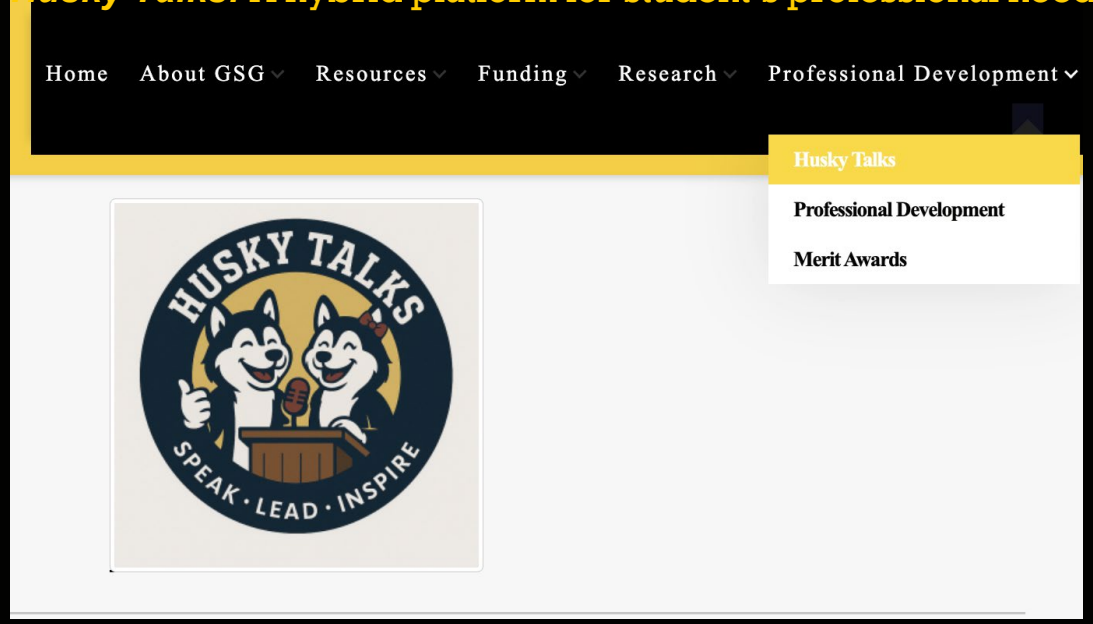
3 Minute Thesis Competition

Wednesday November 4th

GSG FALL PROFESSIONAL DEVELOPMENT & PR EVENTS



Husky Talks: ~~A hybrid platform for student's professional need~~



First Friday Social

MUB

Parade of Nations

Updates

TRAVEL AND PROFESSIONAL DEVELOPMENT GRANTS

51 Travel Grants

&

3 ProDev Grants

Grad Commons

Sept 2024 - Aug 2025

- **966 swipes***
- **272 unique students**

~30% of on campus grad students

Reducing Waste and Helping Huskies

Item Swap

- Clothes
- Housewares
- Appliances
- Furniture
- etc

Hope to keep things out of the dumpsters and into the hands of those who can use them.

If successful…

Next steps

- Permanent Free Space


THANK YOU

E. University Senate

Robert Hutchinson, President

University Senate Update

Robert Hutchinson, Senate President

2025-2026 Academic Year Agenda

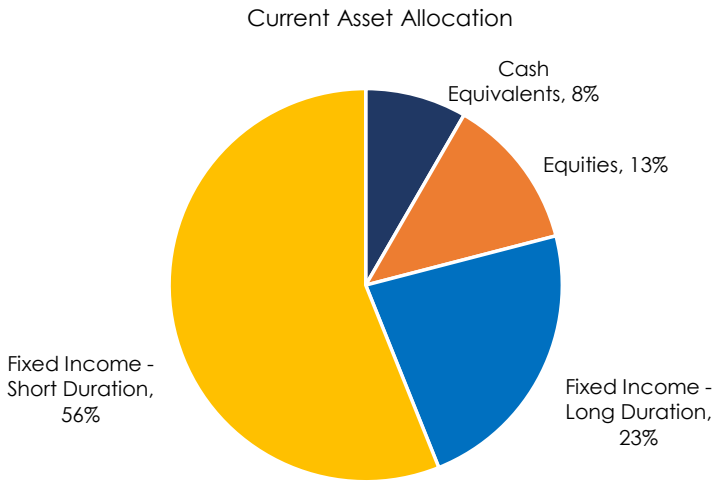
- Onboarding of new Senate Assistant
- Continue to support rollout of Essential Education Minors
- Update search procedures to better reflect current best practices
- Develop a faculty “code of conduct”
- Stay focused on mission

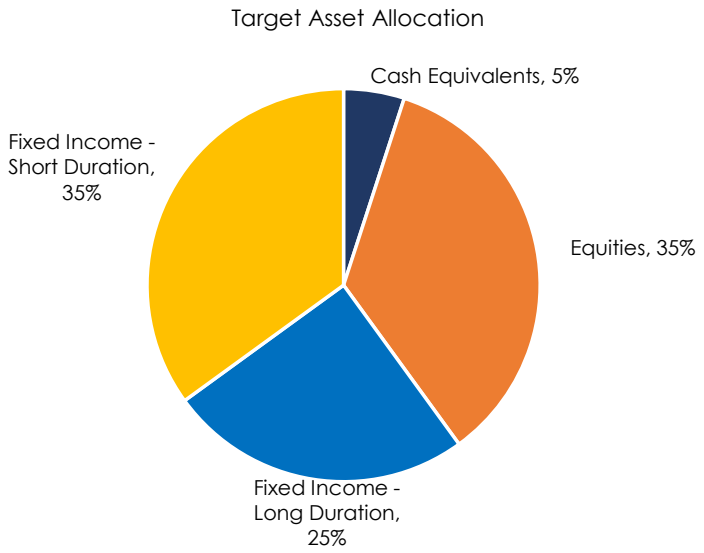
X. Informational Items

A. Analysis of Investments

MICHIGAN TECH UNIVERSITY
INVESTMENT PORTFOLIO
JUNE 30, 2025 THROUGH AUGUST 31, 2025

	Market Value 6/30/2025	Market Value 8/31/2025	Fiscal-Year Investment Return	Benchmark Return	Benchmark
Money Market Fund	$ 11,673,879	$ 2,883,560	0.47%	*0.74%*	*3-Month T-Bill*
Equity Funds:					
Core Equity Fund	-	4,365,000			*S&P 500*
Commonfund OCIO Equity Fund	-	-			
Total Equity Funds	-	4,365,000			
Fixed Income Funds:					
Intermediate Term Fund	7,968,283	9,679,506	0.96%	*0.81%*	*ICE BofA Merrill Lynch 1-3 Yr Treasury*
Commonfund Contingent Asset Portfolio	7,996,890	9,709,054	0.96%	*0.81%*	*ICE BofA Merrill Lynch 1-3 Yr Treasury*
High Quality Bond Fund	3,818,117	3,971,765	1.01%	*0.93%*	*Bloomberg Barclays US Aggregate Bond Index*
Multi-Strategy Bond Fund	2,852,090	3,973,176	0.88%	*0.93%*	*Bloomberg Barclays US Aggregate Bond Index*
Total Fixed Income Funds	22,635,380	27,333,501			
Total	$ 34,309,259	$ 34,582,061	0.81%		





B. Sponsored Programs

Sponsored Activities Summary

Fiscal Year 2025, Quarter Ended 6/30/2025

- Total awards are up 11.4% for FY25 compared to FY24.
- Gifts are up 2.6% for FY25 compared to FY24.
- Federal agency awards are up 17.2% for FY25 compared to FY24.
- Overall Industry activity increased by 2.0% over the last fiscal year.
- Preliminary research expenditures are up 16.2% over FY25. Internal research expenditures are up 8.4% while the external expenditures are up 21.3%.

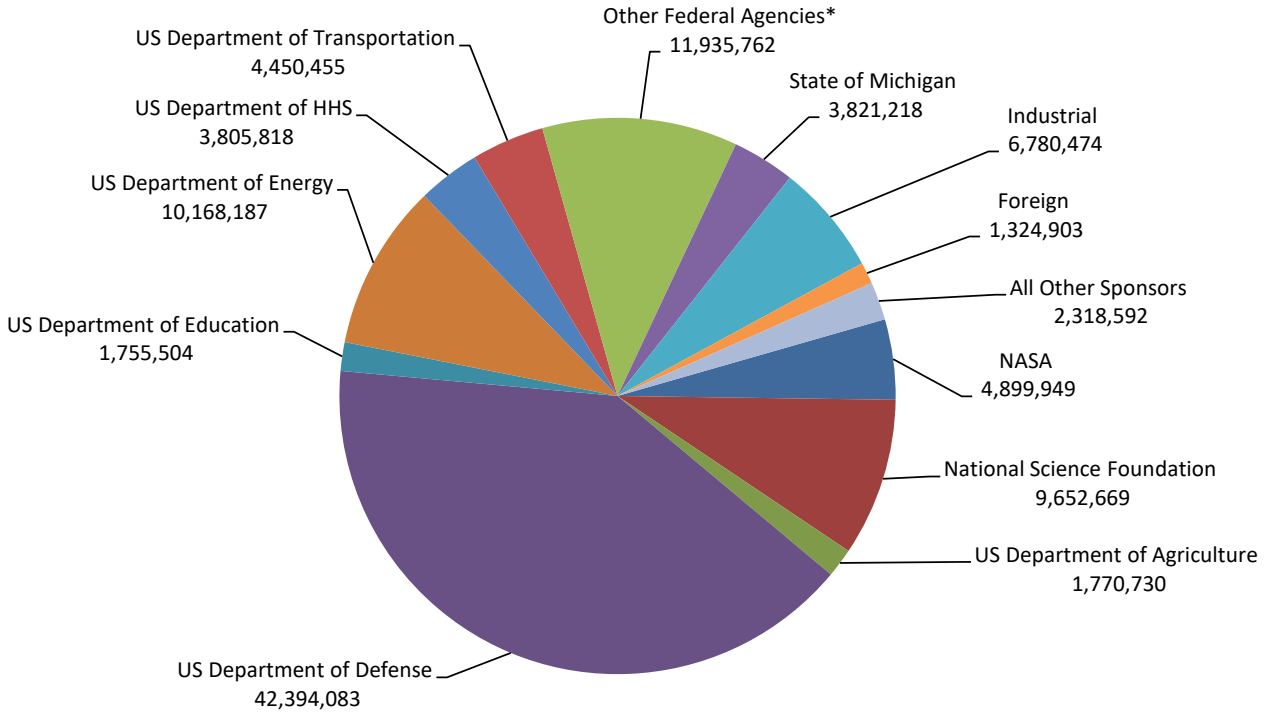
Sponsored Awards
Fiscal Year 2025
4th Quarter
Ended June 30, 2025

TOTAL: $109,336,093

Pre-Proposals Submitted

(excluded from Proposals Submitted figures below)

FYTD 2024: 38
FYTD 2025: 63



	Proposals Submitted		Awards Received		Awards Received ($)			
Sponsor	FY '25 as of 6/30	FY '24 as of 6/30	FY '25 as of 6/30	FY '24 as of 6/30	FY '25 as of 6/30	FY '24 as of 6/30	Variance $	Variance %
NASA	68	87	63	36	4,899,949	4,011,679	888,270	22.1%
National Science Foundation	156	138	42	38	9,652,669	14,120,402	-4,467,733	-31.6%
US Department of Agriculture	48	53	37	54	1,770,730	3,452,017	-1,681,287	-48.7%
US Department of Defense	138	104	133	110	42,394,083	27,435,531	14,958,552	54.5%
US Department of Education	1	3	6	4	1,755,504	1,530,212	225,292	14.7%
US Department of Energy	44	61	46	50	10,168,187	9,134,297	1,033,890	11.3%
US Department of HHS	70	77	18	33	3,805,818	7,010,472	-3,204,654	-45.7%
US Department of Transportation	15	23	12	19	4,450,455	5,249,871	-799,416	-15.2%
Other Federal Agencies*	55	69	52	47	11,935,762	5,546,186	6,389,576	115.2%
Federal Agency Total	595	615	409	391	90,833,157	77,490,667	13,342,490	17.2%
State of Michigan	68	38	34	35	3,821,218	6,096,866	-2,275,648	-37.3%
Industrial	130	148	112	126	6,780,474	6,292,703	487,771	7.8%
Foreign	10	7	8	7	1,324,903	1,899,015	-574,112	-30.2%
All Other Sponsors	119	80	51	41	2,318,592	2,212,086	106,506	4.8%
Subtotal	922	888	614	600	105,078,344	93,991,337	11,087,007	11.8%
Gifts**	N/A	N/A	321	284	4,229,192	4,123,607	105,585	2.6%
Crowdfunding	N/A	N/A	7	5	28,557	9,022	19,535	216.5%
Grand Total	**922**	**888**	**942**	**889**	**109,336,093**	**98,123,966**	**$11,212,127**	**11.4%**

* Institute of Museum and Library Services, National Endowment for the Arts and Humanities, US Dept of Commerce, US Environmental Protection Agency, US Dept of the Interior, US Dept of Housing and Urban Development, US Dept of Homeland Security, US Dept of Labor, US Dept of State, US Small Business, US Dept of Treasury, US Small Business Administration

**Gifts represent non-contractual funding from corporations, foundations, associations and societies in support of academic programs, scholarships/fellowships, student design & enterprise, research, youth programs and special programs.

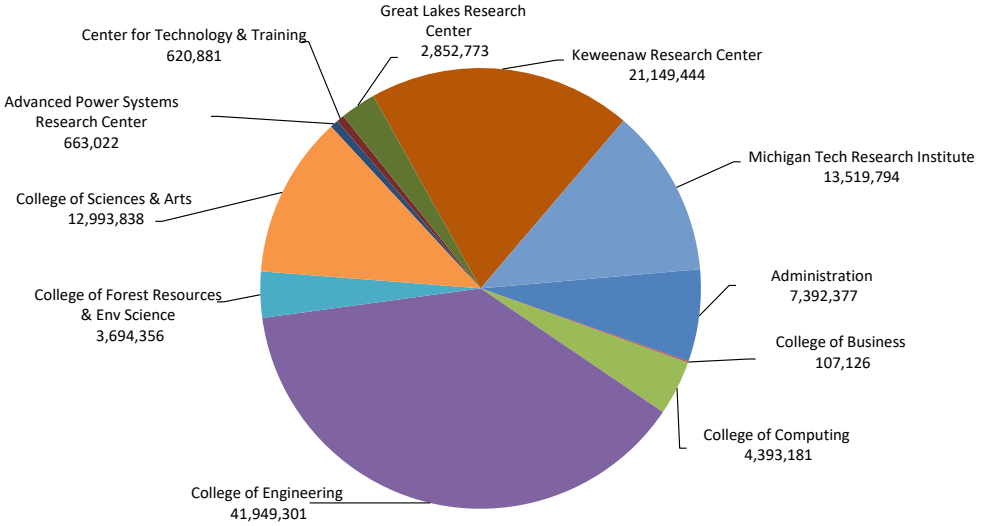
Vice President for Research
Fiscal Year 2025
4th Quarter
Ended Jun 30, 2025

TOTAL: $109,336,093

Percentages of Tenured & Tenure Track Faculty (as either PI or Co-PI)

Submitting Proposals since 07/01/2024
72.4%

On Active Projects as of 6/30/2025
66.3%



SPO & OIC Metrics[1]	Administration	College of Business	College of Computing	College of Engineering	College of Forest Resources & Env Science	College of Sciences & Arts	Advanced Power Systems Research Center[3]	Center for Technology & Training[3]	Great Lakes Research Center[3]	Health Research Institute[3]	Institute of Computing & Cybersystems[3]	Keweenaw Research Center[3]	Michigan Tech Research Institute[3]	Totals	Fiscal Comparison	Percent Change
Proposals Submitted	34	5	47	401	92	107	20	4	37	2	1	62	110	922	888	3.8%
Awards Received	217	7	37	346	75	67	11	3	33	-	-	61	85	942	889	6.0%
Federal	1,041,453	-	3,490,026	22,089,028	2,354,065	11,715,822	-	-	319,961	-	-	17,676,550	5,627,728	**64,314,633**	57,537,374	11.8%
Federal Pass-Through	2,329,029	-	568,490	13,522,837	588,684	893,161	60,772	128,410	1,427,255	-	-	481,792	6,518,094	**26,518,524**	19,953,293	32.9%
Foreign	-	-	-	686,681	12,970	-	94,612	-	-	-	-	20,000	510,640	**1,324,903**	1,899,015	-30.2%
Gifts	2,731,522	97,126	79,000	1,191,911	39,800	89,833	-	-	-	-	-	-	-	**4,229,192**	4,123,607	2.6%
Crowdfunding	-	-	653	1,064	-	24,973	-	-	1,867	-	-	-	-	**28,557**	9,022	216.5%
Industry	12,000	-	71,373	1,936,870	373,089	88,484	331,514	-	815,094	-	-	2,971,102	180,948	**6,780,474**	6,292,703	7.8%
Other	-	10,000	126,399	1,376,953	152,024	125,537	113,638	-	249,335	-	-	-	164,706	**2,318,592**	2,212,086	4.8%
State of MI	1,278,373	-	57,240	1,143,957	173,724	56,028	62,486	492,471	39,261	-	-	-	517,678	**3,821,218**	6,096,866	-37.3%
Total $ by Division	**7,392,377**	**107,126**	**4,393,181**	**41,949,301**	**3,694,356**	**12,993,838**	**663,022**	**620,881**	**2,852,773**	**-**	**-**	**21,149,444**	**13,519,794**	**109,336,093**	98,123,966	11.4%
Fiscal Comparison	**6,929,271**	105,718	6,776,233	38,102,297	4,288,927	14,544,726	432,198	N/A	2,716,116	N/A	N/A	13,062,990	11,165,490	98,123,966		
Percent Change	6.7%	1.3%	-35.2%	10.1%	-13.9%	-10.7%	53.4%	N/A	5.0%	N/A	N/A	61.9%	21.1%	11.4%		
Disclosures Received[2]	5.36%	-	3.57%	63.14%	-	21.43%	5.89%	-	-	-	-	0.61%	-	**28**	22	27.3%
Nondisclosure Agreements	2	-	13	55	2	2	25	-	-	-	-	17	32	**148**	97	52.6%
Patents Filed or Issued[2]	-	-	-	69.00%	-	29.00%	2.00%	-	-	-	-	-	-	**14**	14	0.0%
License Agreements	1	-	1	8	1	-	-	-	-	-	-	-	-	**11**	7	57.1%
Gross Royalties[2]	12.00%	-	8.00%	68.00%	-	8.00%	-	-	-	-	-	4.00%	-	**98,925**	80,050	23.6%

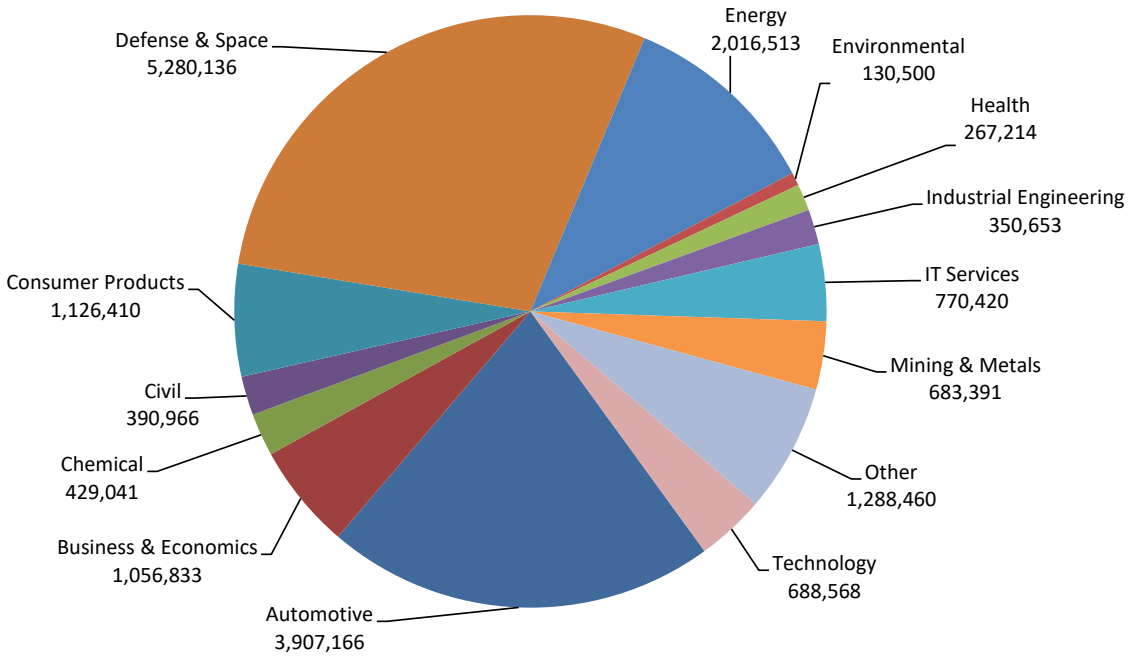
[1] Combined Metrics from both the Sponsored Programs Office (SPO) and Office of Innovation & Commercialization (OIC)

[2] Percentages reflect the proportional contribution from each Division (calculated by dividing the sum of the fractional contributions of all inventors for each unit by the total number of inventors).

[3] Denotes a Tier 1 Center or Institute which now includes the Center for Technology & Training, Health Research Institute and the Institute of Computing & Cybersystems. This transition occurred during Quarter 3 of FY25. It is the expectation that their research activity will increase.

Sponsored Awards
-Industry-
COMBINED
Fiscal Year 2025
4th Quarter
Ended Jun 30, 2025

TOTAL: $18,386,271



	Proposals Submitted		Awards Received		Awards Received ($)			
Industry Segment	FY '25 as of 6/30	FY '24 as of 6/30	FY '25 as of 6/30	FY '24 as of 6/30	FY '25 as of 6/30	FY '24 as of 6/30	Variance $	Variance %
Automotive	40	41	69	62	3,907,166	3,789,350	117,816	3.1%
Business & Economics	11	2	30	19	1,056,833	337,422	719,411	213.2%
Chemical	7	5	16	8	429,041	387,547	41,494	10.7%
Civil	6	18	56	28	390,966	154,670	236,296	152.8%
Consumer Products	23	28	46	59	1,126,410	860,425	265,985	30.9%
Defense & Space	43	41	52	48	5,280,136	5,395,265	-115,129	-2.1%
Energy	13	12	30	35	2,016,513	1,006,022	1,010,491	100.4%
Environmental	5	2	21	17	130,500	210,877	-80,377	-38.1%
Health	12	11	18	17	267,214	242,050	25,164	10.4%
Industrial Engineering	9	14	18	14	350,653	184,835	165,818	89.7%
IT Services	15	14	33	24	770,420	1,118,459	-348,039	-31.1%
Mining & Metals	10	14	29	25	683,391	331,918	351,473	105.9%
Other	20	21	34	77	1,288,460	3,052,100	-1,763,640	-57.8%
Technology	24	14	13	15	688,568	949,281	-260,713	-27.5%
Total	**238**	**237**	**465**	**448**	**18,386,271**	**18,020,221**	**366,050**	**2.0%**

Michigan Technological University
Total Research Expenditures by College/School/Division
Fiscal Year 2025 & 2024
PRELIMINARY As of June 30, 2025 and June 30, 2024

College/School/Division	FY2025	FY2024	Variance	%
Administration*	3,207,204	2,711,882	495,322	18.3%
Advanced Power Systems Research Center (APSRC)**	1,316,286	1,899,775	(583,489)	-30.7%
Center for Technology & Training (CTT)**	162,941	N/A	162,941	N/A
College of Business	2,150,913	1,720,912	430,001	25.0%
College of Computing	6,507,374	5,598,736	908,638	16.2%
College of Engineering	47,949,851	42,942,467	5,007,384	11.7%
College of Forest Resources & Environmental Science	7,276,063	7,840,608	(564,545)	-7.2%
College of Science & Arts	22,414,133	18,913,356	3,500,777	18.5%
Great Lakes Research Center (GLRC)**	2,842,164	2,471,039	371,125	15.0%
Health Research Institute (HRI)**	20,476	N/A	20,476	N/A
Institute of Computing and Cybersystems (ICC)**	74,337	N/A	74,337	N/A
Keweenaw Research Center (KRC)	14,824,344	9,394,788	5,429,556	57.8%
Michigan Tech Research Institute (MTRI)	15,470,504	13,425,327	2,045,177	15.2%
Total	**124,216,590**	**106,918,890**	**17,297,700**	**16.2%**

*Includes the Vice Presidents, Provost, and others who report to a VP, Provost or the President. Except for the research institutes that report to the VPR.

**Includes department (non-academic researchers) expenditures only. All other institute/center expenditures are shown in the researchers' respective colleges.

B. Advancement & Alumni Relations

Advancement and Alumni Engagement Narrative
Michigan Tech Board of Trustees
October 10, 2025

FY26 AAE Goals and Initiatives to be achieved in collaboration with administrative and academic leadership and the Michigan Tech Fund Board of Directors.

- Launch the campus phase of the campaign engaging the campus community.
- Meet the public launch goal and prepare the university for the public campaign launch.
- Gift annuity analysis and review.
- Enhance and develop procedures to execute MTF policy updates.

FY26 MTF Working Goals

- Donors First
- Build upon the work in FY25 to further the fee analysis and assessment of both the endowment and demand funds.
    - Utilize benchmark data to establish a five-year plan for the demand fund and the endowment.
    - Document the uses of both the demand fund and the endowment fees
- Recruitment of a new board member.
- Execute our mission as we prepare for the public phase of the campaign.

Capital Campaign

Launched Campaign Campus Phase at the President's leadership breakfast on September 16, asking campus leadership for participation in the campaign.

As of August 31, 2025, the leadership phase of our seven-year campaign has successfully secured over $269 million or 76.9 % in gifts, bringing us closer to our $350 million campaign goal. The public phase is slated to begin when we reach $300 million; the campaign is scheduled to conclude in June 2028.

Advancement and Gift Planning

As of August 31, 2025

- $269 million or 77% to the campaign goal of $350 million
- Planned gifts earmarked for the endowment $146.5 million
- $646K in cash to the endowment
- 12 new agreements, 19 executed agreements and 65 agreements in process
- 2 illustrations were provided to donors
- $13.1 million in planned gifts
- $194K in realized planned gifts
- $400K in major outright gifts and pledges
- $175K in annual gifts under $10,000
- $453K in corporate support
- $313K in foundation gifts

Advancement and Gift Planning Team

Two months into the Fiscal Year, significant progress has been made toward our Fiscal Year 2026 goals. We continue to focus on raising money for today, building the donor pipeline for tomorrow, and building a strong team in a sophisticated organization

Fundraising and Gift Planning

- Donor Engagement and Fundraising:
    - $36 million in gifts are under discussion with donors.
    - Significant gifts have been secured, including a $1 million gift for College of Business scholarships and a $2 million estate gift commitment for scholarships.
    - Discussions are active for a $250,000 gift for fellowships, a $100,000 football scholarship, and a $150,000 SYP scholarship.
    - The team is also working on a potential lab naming opportunity in Materials Science and Engineering (Metallurgy) and is in discussions for a principal gift in Innovation and Entrepreneurship.
    - Outreach continues with Ultra-High-Net-Worth Individuals (UHNWIs) through a targeted prospect list.
- Foundation Stewardship & Research: The office has been focused on the fall stewardship and reporting cycle for key foundations and two seven-figure concept papers have been submitted to key Michigan foundations. We are also collaborating with the new Associate Dean for Graduate and Online Education to develop a foundation strategy, leveraging valuable connections this individual brings from their previous institution.
- Travel: Team members conducted extensive travel to visit alumni and donors in the Upper Peninsula, Lower Michigan, Wisconsin, Colorado (Durango/Denver), and California.
    - Upcoming travel is planned through December 2025.
- Planned Giving Marketing: Launched a new and refreshed marketing plan to engage donors where they are at, including new social media platforms and print.
- Volunteer Engagement: The frontline fundraising team are creating volunteer engagement plans with key donors where the volunteer can help advance the relationship between the donor and Michigan Tech.

- A fundraiser presented at the San Diego Fundraising Conference, "Breaking Barriers, Building Futures," on September 18 and 19. The title of the presentation is "Creating a Culture of Moves Management." The announcement was featured in Tech Today.

Advancement Services:

- The Advancement Services team has maintained a high-level of operational efficiency with a 99% year-to-date close rate on tickets (326 of 329 closed).
- CRM Advance Implementation: The team led meetings with deans and their assistants to improve the use of CRM Advance by creating access roles, enabling on-demand profile reports, and utilizing WebFocus.
- Campus Collaboration: Two additional reports were delivered to strengthen partnerships with academic units, and five training sessions were held for nine new individuals.
- Research: The research team is providing key support by conducting targeted pipeline research for FY26 travel and supporting the travel plans of the deans.

Gift Administration and Michigan Tech Fund:

- Reviewed over 500 MTF funds with Deans
- Collaborating with FSO to enhance and develop procedures to execute recent MTF policy updates.
- Launching Review and Analysis of the MTF Gift Annuity Program
- Metrics:
    - Gifts processed: 684
    - New gift agreements: 12
    - Executed gift agreements: 19
    - New donor proposals: 2

October 2025 - Alumni Engagement & Annual Giving Updates

The Alumni Engagement & Annual Giving (AE&AG) team continues to execute its mission to cultivate significant, mutually beneficial, lifelong relationships with alumni through three key pillars: events, communications, and volunteerism. Updates below reflect work done under each pillar. At this time, we are still waiting on dashboards/reporting to be set up in the CRM for annual giving results, so we have limited data to share on effectiveness of appeals and progress.

- **Events**
    - So far this fiscal year (FY26: July 1, 2025-June 30, 2026): we already have nearly **45 alumni events** across **7 different states** that have been hosted or are being planned for the future.
        - A few highlights:
            - The 5th Traveling Tech Talks event in Houston, TX scheduled for October 2
            - Multiple alumni events occurring in conjunction with faculty/student travel in the month of October in addition to multiple pre-game socials around the hockey schedule
            - GLI 2025: we will be continuing the tradition of organizing a pregame alumni social ahead of our first game in the GLI Tournament in Grand Rapids in December. More to come soon
            - Reunion 2026: save the date for July 30-August 1, 2026
- **Communications**
    - We continue to see increased following on all social channels (including the private MTU Alumni LinkedIn group)
    - Our digital class notes site (launched last fiscal year) continues to see steady submissions + engagement
    - We are incorporating more testing into communications sent via direct mail and text message (mainly for annual giving purposes)
    - In partnership with our Alumni Board of Directors, we supported the launch of "Alumni Insider" a new webinar series made specifically to steward Michigan Tech alumni and friends who support the University through philanthropy and volunteerism.
        - Episode 2 featured new head hockey coach Bill Muckalt
- **Volunteerism**
    - 8 graduates will be inducted into the Presidential Council of Alumnae during the 2025 PCA Induction & Meetings November 6-7, 2025:
        - 2025 PCA Inductees
            - Kaitlyn Bunker '10, '12, '14
            - Katie Ellet '96
            - Jamie Linna '99
            - Rebecca Ong '05
            - Valerie Prehoda '83
            - Carly Robinson '07
            - Jessica Engwis Swan '08
            - Kimberly Zimmer-Janeczko '95
    - **New Alumni Board Directors: Nominations** for the 2026 slate of new members for the Alumni Board of Directors are open now through December 1, 2025.
    - **Alumni Awards 2026:** Nominations for the 2026 Alumni Awards (recipients will be honored Friday, July 31 of Reunion Weekend 2026) will open after Oct 1, and will close mid-December.
- **Annual Giving**
    - The AE&AG team continues to work with Advancement Services on data needs - no reports or dashboards are accessible by the team yet.
    - The AE&AG team has designed their planned annual giving mass appeals to be executed in two different methods throughout the fiscal year: 1) with a vendor partner; and 2) in-house.
        - These campaigns utilize our omni-channel approach of direct mail, email, text message, digital ad, and crowdfunding.
        - Four large campaigns will be completed in partnership with our vendor partner (RNL). The first of which, the fall solicitation, dropped late September.

    - Concurrently, completely in-house annual giving campaigns (to targeted audiences for specific projects or priorities) are completed as well. The first of which was centered around athletics and the arts affinity and dropped in early September.
- In addition to the planned calendar outlined above, the AE&AG team meet frequently with various departments on campus for various fundraising needs or priorities that come up throughout the year.
    - Depending on other solicitations in the works or time of year, either a crowdfunding campaign or targeted appeal is supported.
    - AE&AG team partnered with Rozsa staff specifically to support the Rozsa Center’s fundraising efforts for their October gala
- FY26 Give Back to the Pack: Michigan Tech's 24-hour giving challenge
    - **Save the Day for April 7-8, 2026.**

D. Media Coverage

Michigan Tech

Earned Media Report

July 1 - September 19, 2025

From July 1 to Sept. 19, Michigan Tech was mentioned in more than **3,800** media stories across local, regional, and national outlets. These stories reflected the span of university activity, from innovative research and faculty expertise to athletics, student success, alumni achievements, and administrative appointments.

Coverage reached audiences online, in print, and on-air, helping to elevate Michigan Tech's visibility and reinforce the university's reputation as a top-tier R1 research institution.

Media Impact Overview

- **Total Mentions:** 3,831 articles
- **Total Engagement:** 3,473 shares/comments
- **Journalist Reach:** 3.51 million unique viewers

Media Coverage Highlights

Reputation and Rankings

Michigan Tech was featured in multiple national rankings. Niche ranked Tech among the Top 10 best value public universities in the nation, and #1 in Michigan, with an overall grade of A. Princeton Review's Best Value Colleges highlighted Tech's strong return on investment and top-tier internship access. Forbes ranked MTU No. 250 nationally in its 2026 America's Top Colleges list. Site Selection spotlighted Michigan Tech's R1 designation and membership in the Research Universities for Michigan (RU4M) consortium as central to statewide efforts. MLive and the Detroit Free Press mentioned Michigan Tech in coverage of a national free speech survey by the Foundation for Individual Rights and Expression, noting the University's top ranking among Michigan institutions and top-five national placement.
Reach: National + Regional

Research and Expertise

Natural Resources, Water, and Energy

Michigan Tech was covered in stories by Crain's Detroit Business, Interlochen Public Radio, and 9&10 News about the Freshwater Research and Innovation Center groundbreaking in Traverse City, a $29 million facility that will advance Great Lakes research and blue tech innovation.
Reach: Regional + Natural Resources

Health and Quality of Life

Phys.org and 26 national news outlets mentioned Michigan Tech in a story about research showing how wastewater from aircraft toilets could serve as an early warning system to track the global spread of antimicrobial resistant superbugs. Michigan Tech collaborated on the study with Australia's national science agency CSIRO, Xiamen University, and the University of South Australia.
Reach: National + Health

Sustainability and Resilience

EurekAlert and the Southwest Research Institute mentioned Michigan Tech as a co-developer of the Low Mass, High-Efficiency Medium-Duty Truck Engine, one of R&D World's 2025 R&D 100 Award winners. The Cool Down mentioned Michigan Tech in coverage of the planned 2026 pilot-scale launch of the STRAP process, which will recycle plastics while preserving polymer quality.
Reach: National + Industry

Autonomous and Intelligent Systems

Science Magazine highlighted research co-authored by Durdu Güney (ECE) on enabling quantum entanglement across unprecedented distances, calling it a "groundbreaking advancement." EurekAlert and Space Daily quoted Güney in coverage of a related study using superradiance in photonic chip design.
Reach: National + Scientific

Policy, Ethics, and Culture

Bridge Michigan quoted Laura Bourgeau-Chavez (MTRI) in a story on worsening wildfire smoke impacts from Canadian fires. Inside Climate News quoted Jared Wolfe (CFRES) during the Great Lakes Aurora Dark Sky Jamboree, explaining how light pollution disrupts migratory birds. The Conversation published an article by Kayla Gabehart (SS) examining how environmental initiatives divide urban and rural communities in Colorado.
Reach: National + Policy

Education for the 21st Century

UPword quoted Cody Kangas (CServ) in coverage of Career Fest's Michigan Day, which connected students with 15 industries across the state to highlight career pathways in Michigan. The Daily Mining Gazette and the Mining Journal mentioned Tan Chen (ECE) and MTU students Danny Ezzo, Ingrid Halverson, and Parker Courte-Rathwell in coverage of a NASA-funded moonwalk simulator showcased at the Minnesota State Fair's STEM Day, introducing young audiences to STEM education and careers.
Reach: Regional + K-12 Education

Campus and Community

Arts & Culture

My UP Now and Keweenaw Report covered the Rozsa Center's 25th anniversary season, highlighting national acts and community programming. The Detroit Free Press, MLive, My UP Now, UPword, and additional local outlets mentioned Michigan Tech in coverage of Stormy Kromer's new Collegiate Collection, which debuted a wool hat design for MTU alongside other Michigan universities.
Reach: Regional

Athletic Excellence

USCHO.com, WLUC TV6, My UP Now, and 16 regional outlets mentioned Michigan Tech hockey in preseason CCHA polls, ranking the Huskies third among coaches and fourth among media, with forwards Stiven Sardarian and Isaac Gordon named to preseason All-CCHA teams. Regional outlets also highlighted student-athlete honors across sports, including football kicker Avery Kucharski (GLIAC Special Teams Player of the Week), cross country runner Sophia Rhein (GLIAC Athlete of the Week), and volleyball standouts Tricia Kennedy, Brooke Dzwik, and Rachel Zurek earning All-Tournament recognition.
Reach: Regional + National

Alumni Achievements

The Minnesota Star Tribune mentioned MTU alum Russ Becker '89, '91 (B.S. M.S. Civil Engineering) in a story about his $250,000 gift with other APi Group leaders to support employees' children's mental health. The Grit Podcast featured former Husky and Handshake co-founder Garrett Lord discussing artificial intelligence workforce training. Model D profiled alum Rehab (Ruby) Alhajjar '21 (Ph.D. Environmental Microbiology), whose company FlowShield-Nano develops biosensors to detect contamination in water and beverages.
Reach: National + Business

Business & Entrepreneurship

Crain's Detroit Business mentioned Michigan Tech in a story about Michigan startups poised to make big moves. Houghton-based Orbion Space Technology, co-founded by Brad King (MAE)

and Jason Sommerville '09 (Ph.D. Mechanical Engineering), was highlighted in the story.
Reach: Regional + National

Campus Updates

Radio Results Network, WLUC TV6, My UP Now, Keweenaw Report, and the Mining Journal mentioned Michigan Tech's fall 2025 enrollment. Tech welcomed 1,601 new students this semester, bringing total enrollment to more than 7,400. The incoming class entered with an average high school GPA of 3.86, the highest in University history. My UP Now and Keweenaw Report mentioned the opening of East Hall, MTU's newest residence hall with capacity for 500 students. President Rick Koubek was a featured guest on The Michigan Opportunity podcast, where he discussed Tech's role in research, talent retention and state economic development. MLive and 7 other local and regional outlets mentioned Michigan Tech in coverage of the vandalism of the Sept. 11 memorial on Walker Lawn organized by the Young Americans for Freedom student group.
Reach: Local + Regional

Earned media coverage strengthens Michigan Tech's national reputation and supports strategic goals around research excellence, student and faculty visibility, community engagement, and alumni success. These placements help tell the story of Michigan Tech's impact in the Upper Peninsula and beyond.

E. Employee Safety Statistics

Michigan Technological University

EMPLOYEE SAFETY STATISTICS YEAR-TO-DATE

Jan - Aug 2024/2025

	Category	Years	Employee Classification								
			AFSCME	Faculty	Non-Exempt	POA	Professional	Student	Temporary	UAW	Total
Number of Recordable Injuries	Injury Only w/Medical - No Lost Time	2024	1	1	0	0	6	2	1	2	**13**
		2025	0	1	0	0	2	1	0	2	**6**
	Lost Time Cases	2024	5	0	0	0	0	2	1	0	**8**
		2025	0	0	0	0	2	0	1	0	**3**
	Restricted Work Cases	2024	2	0	0	0	2	1	1	1	**7**
		2025	0	0	0	0	1	3	0	0	**4**
	Occupational Safety and Health Administration (OSHA) Recordable Injuries (Total of above)	2024	**8**	**1**	**0**	**0**	**8**	**5**	**3**	**3**	**28**
		2025	**0**	**1**	**0**	**0**	**5**	**4**	**1**	**2**	**13**
Number of Days	Injury Lost Time [3]	2024	276	0	0	0	0	49	6	0	**331**
		2025	0	0	0	0	40	0	10	0	**50**
	Restricted Work Days [3]	2024	97	0	0	0	16	14	16	15	**158**
		2025	0	0	0	0	8	17	0	0	**25**
Hours Worked	Total Work Hours	2024	163,721	467,401	58,682	11,413	800,548	618,260	48,760	103,788	**2,272,573**
		2025	172,067	477,344	57,506	10,946	843,492	632,271	56,714	97,605	**2,347,945**
	Percentage of Work Hours	2024	**7.2%**	**20.6%**	**2.6%**	**0.5%**	**35.2%**	**27.2%**	**2.1%**	**4.6%**	**100.0%**
		2025	**7.3%**	**20.3%**	**2.4%**	**0.5%**	**35.9%**	**26.9%**	**2.4%**	**4.2%**	**100.0%**
Rates	Lost Time Case Rate [1]	2024	**6.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.6**	**4.1**	**0.0**	**0.7**
		2025	**0.0**	**0.0**	**0.0**	**0.0**	**0.5**	**0.0**	**3.5**	**0.0**	**0.3**
	Frequency Rate [2] (Recordable)	2024	**9.8**	**0.4**	**0.0**	**0.0**	**2.0**	**1.6**	**12.3**	**5.8**	**2.5**
		2025	**0.0**	**0.4**	**0.0**	**0.0**	**1.2**	**1.3**	**3.5**	**4.1**	**1.1**

OSHA has established specific calculations that enable the University to report the Recordable Injuries, Lost Time Case Rates and Frequency Rates. The Standard Base Rate (SBR) calculation is based on a rate of 200,000 labor hours which equates to 100 employees who work 40 hours per week for 50 weeks per year. Using the SBR allows the University to calculate their rate(s) per 100 employees.

1 The Lost Time Case Rate is calculated by multiplying the number of Lost Time Cases by 200,000 then dividing by the labor hours at the University.

2 The Frequency Rate is calculated by multiplying the number of recordable cases by 200,000 then dividing by the labor hours at the University.

3 The number of days are total days for the life of the cases first reported during this period.

The Bureau of Labor Statics 2023 Injury, Illness, and Fatalities, Table 1 reports for Colleges and Universities;
the average LOST TIME CASE RATE of days away from work was 0.4 and the average FREQUENCY RATE was 1.3.

F. Disposal of Surplus Property

Michigan Technological University
Surplus Property Sales
July 1, 2025 - August 31, 2025

Date	Description	Amount
08/19/25	2012 Ford E-150 Cargo Van	$ 250.00
08/19/25	2005 Ford E-150 Cargo Van	250.00
08/19/25	2004 Ford E-150 Cargo Van	250.00
08/25/25	2010 Chrysler Town & Country Minivan	225.00
Total		**$ 975.00**

All listed items required repair and maintenance that were no longer cost-effective and were therefore sold at scrap value.