I. Call to Order
   Jeffrey Littmann, Chair

II. Roll Call
    John Lehman, Acting Secretary

III. Confirm Agenda
     Jeffrey Littmann, Chair

IV. Opening Remarks
    A. Opening Remarks of the Board Chair
       Jeffrey Littmann, Chair
    B. Opening Remarks of the University President
       Richard Koubek, President

V. Public Comment Period

VI. Committee Reports

   A. Academic Affairs Committee
      John Bacon, Committee Chair
   B. Audit and Finance Committee
      Jeff Littmann, Committee Chair
   C. Leadership Committee
      Steve Tomaszewski, Committee Chair

VII. Consent Agenda

   A. Approval of Minutes
   B. Degrees in Course
MEMORANDUM

To: Dr. Richard J. Koubek  
Office of the President

From: Theresa Jacques  
Registrar’s Office

Date: September 15, 2021

Subject: Candidates for Degrees – Conferral Term 202105

The attached list of candidates for degrees, beginning with Andy Nguyen and ending with Weibing Li, 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:kph
Associate of Arts in Humanities
  • Andy Nguyen

Bachelor of Arts in Communication, Culture, and Media
  • Andy Nguyen
  • Artemis Elizabeth-Violet Allison

Bachelor of Arts in Scientific and Technical Communication
  • Carley J Daly

Bachelor of Science in Biological Sciences
  • Karen Oppliger - Magna Cum Laude

Bachelor of Science in Biomedical Engineering
  • Braeden A Rai
  • Jacob Charles Evans
  • Joseph Allen Stuck
  • Joshua Robert Robles
  • Skylar Elizabeth Pond

Bachelor of Science in Chemical Engineering
  • Jacob Aaron Luchenbill
  • Nathaniel Michael Czarnota

Bachelor of Science in Civil Engineering
  • Alex Spears
  • Sydney Lynn Mukavetz

Bachelor of Science in Computer Engineering
  • Ethan Kelly Laytner
  • Ryan Patrick Barton

Bachelor of Science in Computer Network and System Administration
  • Emily R Boik
  • Jason Thomas Lucking
  • Stuart Gordon Hoxie - Cum Laude

Bachelor of Science in Computer Science
  • Caleb Holden Melnychenko
  • Caleb Owen Swain
  • Ethan James Idzior
  • Jared Michael Perttunen
  • Lawton Samuel Stone
  • Liam Nicholas Robinson
  • Parker Lee Ackerman
  • Paul Joseph Mahowald
Formal Session of the Board of Trustees - Consent Agenda

- Tristan Avery Sorensen
- Victoria Rose Felton

Bachelor of Science in Construction Management
- Gabe Matthew Halonen - Cum Laude
- Tanner George Nicholas - Cum Laude

Bachelor of Science in Electrical Engineering
- Alexander Emmanuel Bathum
- Benjamin Christian Rumney
- Christian James Fallon
- Dylan S Rosenfeldt
- Evan A Branstad
- Garek John Dyszel - Magna Cum Laude
- Hunter William Lewis
- Michael James Lewin
- Stephan Eric Ballance

Bachelor of Science in Electrical Engineering Technology
- Corey Charles Blankenship

Bachelor of Science in Engineering
- Richard Dale Close

Bachelor of Science in Engineering Management
- Benjamin Lee Painter
- Jacob Andrew Mongrain

Bachelor of Science in Exercise Science
- Austin R Lemler
- Tanner Jeffrey Polglaze - Magna Cum Laude

Bachelor of Science in Forestry
- Eleanor K Barton
- Tanner Jeffrey Polglaze - Magna Cum Laude

Bachelor of Science in Geological Engineering
- Caleb J Kaminski - Cum Laude
- Donelle Antoinette Auten
- Korrina Kay Young
- Madeline Marie Anderla
- Makala Marie O'Donnell

Bachelor of Science in Human Biology
- Mackenna Madelyn Bramer

Bachelor of Science in Marketing
- James Edward Jackson

Bachelor of Science in Materials Science and Engineering
- Maria Frances Rochow - Cum Laude

Bachelor of Science in Mathematics
- Daniel Paul Henderson - Cum Laude
Bachelor of Science in Mechanical Engineering
  • Adam Mcbride Brewer
  • Adam William Misch
  • Brad Aaron Halonen
  • Brandon Larry Koski
  • Case David Kamminga
  • Chase Patrick Yach
  • Christopher L Stone
  • Christopher Ross Smyth - Cum Laude
  • David Castelvetere - Magna Cum Laude
  • Derek John Willis - Summa Cum Laude
  • Isaac J Tussey
  • Justin David Owen
  • Robert Terrence Dixon - Magna Cum Laude
  • Samuel Parker Spencer
  • Shelbie R Lehto
  • Trenton David Beach

Bachelor of Science in Mechanical Engineering Technology
  • Andrew William Ward

Bachelor of Science in Medical Laboratory Science
  • Grayson Keith Roe - Magna Cum Laude
  • Kacie Roella Ziolkowski - Magna Cum Laude

Bachelor of Science in Physics
  • Alan L Larson

Bachelor of Science in Software Engineering
  • Benjamin Anthony Vigna
  • Coleman Robert Carlstein
  • Scott Michael Dohrman

Doctor of Philosophy in Applied Cognitive Science and Human Factors
  • Amber Jane Kemppainen

Doctor of Philosophy in Atmospheric Sciences
  • Subin Thomas

Doctor of Philosophy in Biological Sciences
  • Rehab Khalid H Alhajjar

Doctor of Philosophy in Biomedical Engineering
  • Srinivas Kannan

Doctor of Philosophy in Chemical Engineering
  • Aaron Scott Krieg
  • Sri Ram Kumar Valluri

Doctor of Philosophy in Chemistry
  • Amna Ijaz
  • Shulin Wan
Doctor of Philosophy in Civil Engineering
  • Xiaodong Zhou

Doctor of Philosophy in Electrical Engineering
  • Jeffrey Robert Beck
  • Masoud Sarabi
  • Mojtaba Bahramgiri
  • Saeid Jamilan

Doctor of Philosophy in Engineering - Environmental Engineering
  • Chenfu Huang

Doctor of Philosophy in Environmental and Energy Policy
  • William John Lytle

Doctor of Philosophy in Forest Science
  • Dominic Matthew Uhelski
  • Stacy Rae Cotey

Doctor of Philosophy in Integrative Physiology
  • Joshua Eric Gonzalez

Doctor of Philosophy in Materials Science and Engineering
  • Alexander Kiltearn Monroe

Doctor of Philosophy in Mathematical Sciences
  • Nadun Lakshitha Dissanayake Kulasekera Mudiyanselage
  • Yanfang Liu

Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics
  • Amir Abbas Khameneian
  • Esmaeil Dehdashti
  • John Eliot Naglak
  • Luke W Jurmu
  • Nathan David Spike
  • Saeed Jafari Kang
  • Shahab Bayani Ahangar

Doctor of Philosophy in Rhetoric, Theory and Culture
  • Hua Wang

Doctor of Philosophy in Statistics
  • Cheng Gao

Master of Business Administr. in Business Administration
  • Travis Michael Williams

Master of Forestry in Forestry
  • Erica Lynn Krause
  • Hudson Steven Cermak
  • Laura Marie Slavsky
  • Thomas Laurent De Triquet
Master of Science in Accounting
  • Bradley G Veale
  • Ricky John Greub

Master of Science in Applied Ecology
  • Madeline Rose Peterson

Master of Science in Applied Natural Resource Economics
  • Oluwatomisin Shalom Akinbo

Master of Science in Applied Physics
  • Amin Hashemi Shahraki
  • Seyedmostafa Rezaeitaleshmahalleh

Master of Science in Applied Statistics
  • Adam Jarrad Hall
  • David Saric
  • Elise Alexandra Cromwell
  • Fifatin Chariotte Angele Kotomale
  • Huy Duc Tran
  • Jason Thomas Blunk
  • Kathryn Smith
  • Kyle Flashman

Master of Science in Biological Sciences
  • Bhavika Therani
  • Dana L Anderson
  • Grant Sebastien Thivierge
  • Kaitlyn Dawson

Master of Science in Biomedical Engineering
  • Karl Lawrence Schneider

Master of Science in Chemical Engineering
  • Marissa Rose Gallmeyer
  • Sean Kevin Golden

Master of Science in Chemistry
  • Abigale Sharon Mikolitis
  • Logan David Mikesell

Master of Science in Civil Engineering
  • Brittany Kay Hubbard
  • Mohammad Anas Taeb
  • Tristan Odekirk

Master of Science in Computer Science
  • Dante F Paglia
  • Naveen Rao Boinapelly
  • Reza Habibi

Master of Science in Data Science
  • Hunter M Chambers
Master of Science in Electrical Engineering
- Aadam Ismail Harnekar
- Gaurish Shreedhar Gokhale
- Shivanshi Kamlesh Shukla

Master of Science in Electrical and Computer Engineering
- Advait Milind Velankar
- Jaisil Rose Dennison
- Md Aamir Rahmani
- Nikhil Kumar Reddy Battula
- Rahul Gotiram Dange
- Vishal Dayanand Devnale

Master of Science in Environmental Engineering
- Garion David Johnson
- Karleigh Marie Krieg

Master of Science in Forestry
- Heidi Ellen Harmala

Master of Science in Geology
- Kavya Sivaraj
- Pauline Ginette Louise Verdurme
- Stepan Pikul

Master of Science in Geophysics
- Cristhian Paul Salas Pazmiño

Master of Science in Industrial Heritage and Archaeology
- Andrew Jacob Anklam

Master of Science in Kinesiology
- Jessica Lynn Pitts

Master of Science in Mathematical Sciences
- Kyle James Schwiebert
- Mohammadsina Almasi

Master of Science in Mechanical Engineering
- Akshay Sharma
- Andrew Michael Barclay
- Aniket Vilas Beldar
- Ashish Pravin Patil
- Benjamin David Wiegand
- Devesh Taneja
- Gaurav Pathak
- Jatin Kumar Singh
- Kartheek Choudari
- Kunal Manohar Chauhan
- Lokesh Ganesh Dhake
- Nikhil Nityanand Pai
• Prakhar Maheshwari
• Pratik Prakash Vyavhare
• Pugazhendhi Shanmugam
• Rahul Jaysing Patekar
• Riteshkumar Pannalal Singh
• Rucha Milind Kelkar
• Sai Vineeth Kallu
• Shreya Prasad Thakare
• Shubham Shridhar Pawde
• Sneha Jagdish Gadkari
• Somerset Robert Schrock
• Venkata Satya Sai Revanth Mattey
• Vrushaketu Baburao Mali

**Master of Science in Statistics**

• Tessa Kay Kriz
• Weibing Li
### BOARD OF TRUSTEES OFF-PAYROLL REPORT

(September 1, 2021 – September 4, 2021)

#### RETIRED

<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>Department</th>
<th>Title</th>
<th>Most Recent Hire Date</th>
<th>Term Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomas Co</td>
<td>Faculty</td>
<td>Chemical Engineering</td>
<td>Associate Professor</td>
<td>10/02/1989</td>
<td>09/01/2021</td>
</tr>
<tr>
<td>Faith Morrison</td>
<td>Faculty</td>
<td>Chemical Engineering</td>
<td>Professor</td>
<td>02/05/1990</td>
<td>09/01/2021</td>
</tr>
<tr>
<td>Douglas Opplier</td>
<td>Faculty</td>
<td>Engineering Fundamentals</td>
<td>Senior Lecturer</td>
<td>08/20/2000</td>
<td>08/20/2021</td>
</tr>
<tr>
<td>Warren Perger</td>
<td>Faculty</td>
<td>Physics</td>
<td>Professor</td>
<td>08/31/1987</td>
<td>08/20/2021</td>
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</tbody>
</table>

#### OFF-PAYROLL

<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>Department</th>
<th>Title</th>
<th>Most Recent Hire Date</th>
<th>Term Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amanda Adams</td>
<td>Staff</td>
<td>Residential Dining</td>
<td>Food Service Helper</td>
<td>11/17/2014</td>
<td>08/13/2021</td>
</tr>
<tr>
<td>Rebecca Barnard</td>
<td>Staff</td>
<td>Pavlis Honors College</td>
<td>Marketing &amp; Content Specialist</td>
<td>10/13/2014</td>
<td>08/06/2021</td>
</tr>
<tr>
<td>Jessica Brassard</td>
<td>Staff</td>
<td>Associate Vice President for Research Development</td>
<td>Associate Director Research Development</td>
<td>01/05/2015</td>
<td>08/26/2021</td>
</tr>
<tr>
<td>Sean Brown</td>
<td>Staff</td>
<td>Residential Education &amp; Housing</td>
<td>Residence Life Coordinator</td>
<td>07/17/2017</td>
<td>07/01/2021</td>
</tr>
<tr>
<td>William Corrigan</td>
<td>Staff</td>
<td>Catering</td>
<td>Catering Manager</td>
<td>11/07/2016</td>
<td>08/28/2021</td>
</tr>
<tr>
<td>Paula DeCaire</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Grounds person</td>
<td>02/11/2019</td>
<td>08/13/2021</td>
</tr>
<tr>
<td>Stefaan DeWinter</td>
<td>Faculty</td>
<td>Mathematical Sciences</td>
<td>Professor</td>
<td>08/07/2011</td>
<td>07/19/2021</td>
</tr>
<tr>
<td>Stephen Elies</td>
<td>Staff</td>
<td>Media Tech Services</td>
<td>Assistant Director Media Technology Services</td>
<td>08/25/2014</td>
<td>07/02/2021</td>
</tr>
<tr>
<td>Ramon Fonkoue</td>
<td>Faculty</td>
<td>Humanities</td>
<td>Associate Professor</td>
<td>08/20/2012</td>
<td>08/08/2021</td>
</tr>
<tr>
<td>Wendy Freeman</td>
<td>Staff</td>
<td>Human Resources</td>
<td>Office Assistant 5</td>
<td>01/11/2021</td>
<td>08/03/2021</td>
</tr>
<tr>
<td>Timothy Griffin</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Director of Maintenance Services</td>
<td>02/11/2013</td>
<td>08/02/2021</td>
</tr>
<tr>
<td>Rebeka Horsch</td>
<td>Staff</td>
<td>Student Leadership &amp; Involvement</td>
<td>Coordinator</td>
<td>06/18/2018</td>
<td>07/10/2021</td>
</tr>
<tr>
<td>Shannon Houle</td>
<td>Staff</td>
<td>Jackson Center for Teaching &amp; Learning</td>
<td>Office Assistant 5</td>
<td>08/14/2017</td>
<td>09/02/2021</td>
</tr>
<tr>
<td>Amy Howard</td>
<td>Staff</td>
<td>Center for Diversity &amp; Inclusion</td>
<td>Assistant Director of Campus Diversity Initiatives</td>
<td>07/05/2017</td>
<td>09/03/2021</td>
</tr>
<tr>
<td>Rachel Jones</td>
<td>Staff</td>
<td>Residential Education &amp; Housing</td>
<td>Assistant Director of Residence Education</td>
<td>07/05/2016</td>
<td>07/13/2021</td>
</tr>
<tr>
<td>Stefani Krause</td>
<td>Staff</td>
<td>Student Leadership &amp; Involvement</td>
<td>Coordinator</td>
<td>07/29/2019</td>
<td>07/10/2021</td>
</tr>
<tr>
<td>Joshua Loar</td>
<td>Faculty</td>
<td>Visual &amp; Performing Arts</td>
<td>Professor of Practice</td>
<td>08/19/2013</td>
<td>08/06/2021</td>
</tr>
<tr>
<td>John Longenecker</td>
<td>Staff</td>
<td>Residential Dining</td>
<td>Food Service Helper</td>
<td>04/02/2012</td>
<td>08/13/2021</td>
</tr>
<tr>
<td>John McLeod</td>
<td>Staff</td>
<td>University Marketing &amp; Communications</td>
<td>Creative Design Lead</td>
<td>03/23/2020</td>
<td>08/13/2021</td>
</tr>
<tr>
<td>Joshua Pearce</td>
<td>Faculty</td>
<td>Electrical and Computer Engineering</td>
<td>Professor</td>
<td>08/07/2011</td>
<td>08/07/2021</td>
</tr>
<tr>
<td>Joseph Pollard</td>
<td>Staff</td>
<td>Public Safety &amp; Police Services</td>
<td>Public Safety Officer</td>
<td>03/23/2020</td>
<td>07/07/2021</td>
</tr>
<tr>
<td>Ashley Schuette</td>
<td>Staff</td>
<td>Admissions</td>
<td>Manager of Campus Visit Experiences</td>
<td>05/20/2019</td>
<td>08/06/2021</td>
</tr>
<tr>
<td>Ye Sun</td>
<td>Faculty</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
<td>Associate Professor</td>
<td>08/18/2014</td>
<td>07/29/2021</td>
</tr>
<tr>
<td>Jinshan Tang</td>
<td>Faculty</td>
<td>Applied Computing</td>
<td>Professor</td>
<td>08/07/2011</td>
<td>08/24/2021</td>
</tr>
<tr>
<td>Margaret Wallenslager</td>
<td>Staff</td>
<td>Wadsworth Hall Food Service</td>
<td>Food Service Helper</td>
<td>08/09/2021</td>
<td>08/10/2021</td>
</tr>
<tr>
<td>Zeying Wang</td>
<td>Faculty</td>
<td>Mathematical Sciences</td>
<td>Assistant Professor</td>
<td>08/20/2012</td>
<td>08/13/2021</td>
</tr>
<tr>
<td>Brian White</td>
<td>Staff</td>
<td>Michigan Tech Research Institute (MTRI)</td>
<td>Research Engineer II</td>
<td>10/01/2006</td>
<td>07/16/2021</td>
</tr>
<tr>
<td>Stephen Zapolnik</td>
<td>Staff</td>
<td>Associate VP for Research Development</td>
<td>Associate Director Laboratory Operations</td>
<td>05/07/2018</td>
<td>07/03/2021</td>
</tr>
</tbody>
</table>
### Michigan Technological University
### Michigan Tech Fund
### Fundraising Productivity Report
**July 1, 2021 through August 31, 2021**
**Compared to Prior Fiscal Year**

#### D. Fundraising Productivity Report

<table>
<thead>
<tr>
<th>Source</th>
<th>FY22</th>
<th>FY21</th>
<th>FY22 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Source</strong></td>
<td>YTD Total</td>
<td>Adjustment</td>
<td>FY Goal</td>
</tr>
<tr>
<td>Individual Giving</td>
<td>3,176,284</td>
<td>20.75</td>
<td>15%</td>
</tr>
<tr>
<td>Corporate Giving</td>
<td>381,156</td>
<td>2</td>
<td>19%</td>
</tr>
<tr>
<td>Foundation &amp; Other Org Giving</td>
<td>127,417</td>
<td>5</td>
<td>3%</td>
</tr>
<tr>
<td>Corporate Sponsored Research</td>
<td>3,522,509</td>
<td>13</td>
<td>27%</td>
</tr>
<tr>
<td><strong>FUNDRAISING TOTAL</strong></td>
<td>7,207,365</td>
<td>-</td>
<td>40.75</td>
</tr>
</tbody>
</table>

- **Amt of TOTAL from Gifts-in-Kind**: 225.00 (included in the source totals above)
- **Amt of Gifts/Pledges earmarked for the endowment**: 1,386,397 (included in the source totals above)
- **Amt of Gifts/Pledges earmarked for unrestricted funds**: 20,065 (included in the source totals above)

<table>
<thead>
<tr>
<th>Source</th>
<th>FY Goal (in millions)</th>
<th>% of Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL PROGRESS TOWARDS FY GOAL</strong></td>
<td>$7,207,365</td>
<td>40.75</td>
</tr>
</tbody>
</table>

- **Realized Planned Gifts - All**: 803,202 (NOT included in the source totals above)
- **Amt of Realized Planned Gifts earmarked for the endowment**: 53,202

- **Realized Pledges**: 847,956 (NOT included in the source totals above)

**Notes:**
- The Adjustment totals include changes to gift records (eg. gift received date, amount, or other donor driven gift modifications)
- The FUNDRAISING TOTAL includes outright gifts, as well as new pledge and planned gift commitments, made in the specified date range.
- Realized planned gifts and realized pledges are not included in the FUNDRAISING TOTAL.
- An individual's gifts made through a donor-advised fund are counted under the individual.
- An individual's gifts made through another source (i.e. family foundation or closely held business) are counted under the source entity.
- The FUNDRAISING TOTAL for fiscal years 2020 and later include gifts-in-kind under other sources (Major Gifts, Annual Giving, etc).
VII-E. 2022 BOARD OF TRUSTEES MEETING DATES

The following dates are presented for approval

Retreat
Wednesday, February 23, 2022 (half day)
Thursday, February 24, 2022

Formal Session
Friday, February 25, 2022
Friday, April 29, 2022
Thursday, August 4, 2022
Friday, October 7, 2022
Friday, December 16, 2022

RECOMMENDATION: That the Board of Trustees approves the 2022 meeting dates as presented.
VIII. Action and Discussion Items

A. Revision to Board Policy 6.4 Academic, Tenure, and Promotion

Jacqueline Huntoon, Provost

VIII-A. REVISION TO BOARD POLICY 6.4. ACADEMIC, TENURE, AND PROMOTION

It is being recommended that this policy be revised to allow faculty the opportunity to request a second one-year exceptional circumstance extension to the time allowed prior to a mandatory tenure decision. The COVID-19 pandemic caused substantial disruptions in many aspects of University life. As the pandemic and its associated disruptions have continued for a second year, the need to update this policy has become apparent. The proposed change will bring this section of the policy into alignment with the extensions allowed due to birth or legal adoption of a child. The policy revision also includes minor editorial changes. Exceptional extension of the probationary period is also addressed in section 2.2 of the Faculty Handbook and Section 5.1.2 of Appendix I in the Faculty Handbook. Should the Board approve this revision to Board Policy, the appropriate sections of the Faculty Handbook will also be updated.

RECOMMENDATION: The Board of Trustees approves the revision of Board Policy 6.4. Academic Tenure and Promotion as presented.
B. Creation of Board Policy 6.9, Teaching Evaluations
Jacqueline Huntoon, Provost

VIII-B. CREATION OF BOARD POLICY 6.9, TEACHING EVALUATIONS

Comments made by students on any University-administered teaching evaluation instrument will be shared in verbatim form with instructional personnel as well as with each instructor’s direct supervisor (for GTAs/GTIs) and the academic administrator of the unit(s) offering the course. Deans of colleges with departments and the provost (or their designee) will be provided with the summarized numerical responses and will be provided with access to written comments upon request.
VIII-C. FIVE-YEAR STATE CAPITAL OUTLAY PLAN AND REQUEST

The Five-Year State Capital Outlay Plan and FY2023 Capital Project 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 Five-Year State Capital Outlay Plan and FY2023 Capital Project Request to be submitted to the State of Michigan.
FY23 FIVE-YEAR STATE CAPITAL OUTLAY PLAN AND REQUEST

The FY23 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 FY23 Five-Year State Capital Outlay Plan and Request to be submitted to the State of Michigan.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Project Name</th>
<th>Gross Sq. Ft. New</th>
<th>Gross Sq. Ft. Renovated</th>
<th>Total Project Costs (000’s)</th>
<th>State Funds (000’s)</th>
<th>Est. Const. Univ. Funds (000’s)</th>
<th>FY Start/ FY End</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Center for Convergence and Innovation (CCI) - Phase I</td>
<td>175,000</td>
<td>0</td>
<td>70,000</td>
<td>30,000</td>
<td>40,000</td>
<td>2023/2026</td>
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<tr>
<td>2</td>
<td>Center for Convergence and Innovation (CCI) - Phase II</td>
<td>150,000</td>
<td>0</td>
<td>60,000</td>
<td>30,000</td>
<td>30,000</td>
<td>2024/2027</td>
</tr>
<tr>
<td>3</td>
<td>H-STEM Engineering and Health Technologies Complex – Phase II</td>
<td>12,500</td>
<td>87,000</td>
<td>69,000</td>
<td>30,000</td>
<td>39,000</td>
<td>2027/2028</td>
</tr>
</tbody>
</table>

Description

1. Center for Convergence and Innovation (CCI) - Phase I: The Center for Convergence Innovation (CCI) will help position Michigan’s economy as a leader in digital transformation through cutting edge research, workforce development and strategic partnerships. According to the Michigan Bureau of Labor, the state expects a 7.5 percent increase in workforce demand for business and financial operations, computer and mathematical operations and engineering or roughly 11,000 new jobs over the next seven years. Michigan Tech’s College of Computing alone saw a 10% year-over-year increase in undergraduate enrollment for Fall 2021 and is poised to double in size by the end of the decade. Phase 1 of the CCI also aligns with Michigan’s “60x30” and economic prosperity goals by supporting innovations in computing, connectivity, sensorization, and business in this new age of digital transformation.

Congruent with the state’s long-term economic transformation, the project will provide a place to converge existing business, data science, and computing programs 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 Colleges of Business and College of Computing will be commingled to promote cross-disciplinary collaboration, innovation, and entrepreneurship.

The design of the building will intentionally promote connections among faculty and students from across both colleges. Reconfigurable spaces and theme-based shared digital lab facilities will be spread throughout. Additional features of the building will include convergence centers of excellence (fintech, cybersecurity, data science and business analytics, health informatics, and tech-based entrepreneurship), active-learning, computer-learning, and remote-learning classrooms, flexible collaboration spaces open to all, student learning centers, open access conference rooms, a reconfigurable digital maker space, entrepreneurship training hall, and large, mid- and small-sized lecture halls. In addition to meeting our convergence needs, this building will facilitate continued aggressive growth. The estimated investment of $70,000,000 will allow Michigan Tech’s Colleges of Business and Computing to realize their combined potential and ensure Michigan’s future economic prosperity.

2. Center for Convergence and Innovation - Phase II: Phase II will focus on expanding vitally important areas within the Colleges of Business and Computing and intentionally support university-industry collaboration. The building will include P3 (public-private partnership) space reserved for Michigan industries to co-locate on campus as university researchers work together with business leaders to address talent needs of Michigan’s workforce and advance the state’s economy through research and development. The Phase II project will promote rapid conversion of digital technology innovations into industry to provide Michigan firms with a competitive advantage. These public-private partnerships will also provide faculty and students with opportunities to engage in real-world problem- and project-based learning that will give them a clear understanding of how computing and business can collaborate to promote economic prosperity and social mobility for the state and its citizens. Michigan Tech is known within industry for producing graduates who hit the ground running from day one on the job. The co-location of industry within the academic environment will strengthen Michigan’s Tech ability to serve the industries of the state by offering experiential education to all students. The total project cost is estimated at $60,000,000, and this investment will allow for construction of a 150,000 sq. ft. addition to the Center for Convergence and Innovation.

3. H-STEM Engineering and Health Technologies Complex - Phase II: continues renovation of our existing Chemical Sciences and Engineering building and provides new space. Project features will build on the synergies between engineering and the health sciences that led to Phase I of the H-STEM project. Phase II will focus on expanding and renovating general chemistry and chemical engineering labs, flexible updated active learning classrooms, upgrading air supply and exhaust systems, developing student support space for undergraduate advising, and updating the building’s envelope to increase energy efficiency and make improved use of natural light. Phase II will further enable Michigan Tech’s growing research and degree programs important to the Michigan economy in areas such as biotechnology, bio-engineering, and the continuum of chemical, biological, and human-health sciences. Phase II will fully embrace
emerging strategies to support safety and effective instructional practices. Phase II will transform an existing facility’s rigid layout -- consisting of small individual labs with virtually no collaboration or team working space -- to a modern and welcoming environment that will include highly visible shared spaces where teams of students and faculty will develop creative solutions to advance science to support manufacturing across a variety of Michigan industries. Current work ranges from vaccine manufacturing, the development of biofuels and bioenergy applications, drug development, protein folding, and many other applications that will all be enhanced through the renovation of laboratories and working spaces in Phase II. The value of facilitating this kind of interaction can be seen in the recent award of the one million euro Merck 2021 Future Insight Prize awarded for work done by a team of faculty from Biological Sciences, Chemical Engineering, and Material Sciences and Engineering. The total investment estimated for this project is $69,000,000.
D. Exclusion Resolution for Department of Defense
Dave Reed, VP for Research

VIII-D. EXCLUSION RESOLUTION FOR DEPARTMENT OF DEFENSE

In 2008 the Board of Control amended policy 12.8. Security Clearance Department of Defense by establishing an Executive Committee. On March 5, 2009, the Board approved an Exclusion Resolution for the Department of Defense that excludes Board of Trustees member’s access to classified information unless they are a member of the Executive Committee. The Board appointees to the Executive Committee are Jeffrey Littmann, Brenda Ryan and Derhun Sanders. The Administration is requesting that the Exclusion Resolution be revised to reflect the current Board appointments.

RECOMMENDATION: That the Board of Control adopts the Exclusion Resolution as presented herein.
I, Richard J. Koubek, do hereby certify that I am President of Michigan Technological University, a Michigan educational institution organized and existing under the laws of the State of Michigan, and that the following is a true and correct copy of a resolution adopted by the Board of Trustees of Michigan Technological University at a meeting held at Michigan Technological University on (date) ____________________, at which time a quorum was present.

EXCLUSION RESOLUTION

WHEREAS, current Department of Defense Regulations contain a provision making it mandatory that the Senior Management Officials and Facility Security Officer meet the personnel clearance requirements established for a contractor facility security clearance; and

WHEREAS, said Department of Defense Regulations permit the exclusion from the personnel clearance requirements of certain members of the Board of Trustees and other officers, provided that this action is recorded in the corporate minutes.

NOW THEREFORE BE IT DECLARED that the President of the University, Chairman of the Board, Vice President for Research and Facility Security Officer at the present time do possess, or will be processed for, the required eligibility for access to classified information; and

BE IT RESOLVED that in the future, when any individual enters upon any duties as President of the University, Vice President for Research, Chairman of the Board, and Facility Security Officer, such individual shall immediately make application for the required eligibility for access to classified information; and

BE IT RESOLVED AND DIRECTED that the following members of the Board of Trustees shall not require, shall not have, and can be effectively and formally excluded from access to all CLASSIFIED information in possession of the corporation and shall not affect adversely corporate policies or practices in the performance of classified contracts for the Department of Defense or the government contracting activities (User Agencies) of the National Industrial Security Program.

<table>
<thead>
<tr>
<th>NAME</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrea Dickson</td>
<td>Board of Trustees Member</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IN WITNESS WHEREOF I have hereunto set my hand and affixed the seal of Michigan Technological University on this date: ____________________________.

______________________________________________
Richard J. Koubek
President, Michigan Technological University
IX. Reports

A. Recruiting and Enrollment Update
John Lehman, Vice President for University Relations and Enrollment
Female Enrollment History

Women

% Women
Freshmen

1972-2021 First Year Undergraduate Student Enrollment
# New First Year Students by College

<table>
<thead>
<tr>
<th>College</th>
<th>2020</th>
<th>2021</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>68</td>
<td>82</td>
<td>14/21%</td>
</tr>
<tr>
<td>Computing</td>
<td>185</td>
<td>224</td>
<td>39/21%</td>
</tr>
<tr>
<td>Engineering</td>
<td>742</td>
<td>876</td>
<td>134/18%</td>
</tr>
<tr>
<td>Forest Res. &amp; Env. Sci</td>
<td>34</td>
<td>64</td>
<td>30/88%</td>
</tr>
<tr>
<td>Sciences &amp; Arts</td>
<td>166</td>
<td>209</td>
<td>43/26%</td>
</tr>
<tr>
<td>Interdisciplinary</td>
<td>6</td>
<td>24</td>
<td>18</td>
</tr>
</tbody>
</table>
Incoming Freshmen High School GPA

- 2021: 3.72
- 2020: 3.77
- 2019: 3.78
- 2018: 3.78
- 2017: 3.78
- 2016: 3.75
- 2015: 3.66
- 2014: 3.70
- 2013: 3.66
- 2012: 3.66
- 2011: 3.60
- 2010: 3.58
- 2009: 3.62
- 2008: 3.55
- 2007: 3.52
- 2006: 3.53
- 2005: 3.50
- 2004: 3.54
- 2003: 3.51
- 2002: 3.54
- 2001: 3.51
- 2000: 3.50
## 2021 vs 2020 Graduate Student Enrollment

<table>
<thead>
<tr>
<th>Student Type</th>
<th>Fall 2021</th>
<th>Fall 2020</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>514</td>
<td>502</td>
<td>2.39%</td>
</tr>
<tr>
<td>Masters</td>
<td>679</td>
<td>703</td>
<td>-3.41%</td>
</tr>
<tr>
<td>Non-Degree</td>
<td>39</td>
<td>20</td>
<td>95%</td>
</tr>
<tr>
<td><strong>Total Graduate</strong></td>
<td><strong>1,232</strong></td>
<td><strong>1,225</strong></td>
<td><strong>1%</strong></td>
</tr>
</tbody>
</table>

**Michigan Tech**
THANK YOU
B. Athletics Accomplishments 2020-2021
Suzanne Sanregret, Athletic Director
Updates from Athletics

Michigan Tech Huskies
2020-21 Highlights

- **Hockey**
  - Colin Swoyer (second team), Trenton Bliss (third team) & Arvid Caderoth (rookie team) were named All-WCHA
  - Blake Pietila was a finalist for the Mike Richter Award
  - Tech had the third-best penalty kill in the nation and the tenth-best defense
  - Moving to CCHA for upcoming season

- **Men’s Basketball**
  - Qualified for NCAA Tournament for 11th time in program history
    - Regional Finalists - Tied program record for deepest run
  - Owen White
    - All-American
    - Academic All-American
    - GLIAC Player of the Year
  - Kevin Luke retired after 27 seasons and 471 wins

- **Nordic Skiing**
  - All 6 NCAA skiers scored for first time in program history
  - Anabel Needham was the CCSA & Central Region Champion in classic
2020-21 Highlights

- **Women's Basketball**
  - GLIAC Regular Season Champs
  - GLIAC Tournament Champs
  - 20th NCAA Tournament Appearance
  - Sam Clayton - GLIAC Coach of the Year
  - Ellie Mackay - GLIAC Player of the Year & All-American
  - School record with 18 straight wins
  - Ranked as high as No. 6 in the nation
  - Team GPA ranked 13th in NCAA Division II

- **Volleyball**
  - Won a GLIAC Regular Season Title - Second time in program history
  - Laura De Marchi was GLIAC Player & GLIAC Setter of the Year
  - Olivia Ghormley was GLIAC Attacker of the Year
  - Ranked in the top 25 all season
  - Team GPA was top 20 percent in NCAA Division II
2020-21 Highlights

- New press box completed and new turf was installed at Kearly Stadium
- Esports won the 2021 NACE Spring National Championship in CS:GO
- Katherine Jarvis broke the Michigan Tech shot put record.
- Ivona Gorgioski was named All-GLIAC First Team for fourth straight season
2020-21 Highlights

- **Academics**
  - 3.59 student-athlete GPA
  - 63% of student-athletes received All-Academic honors
  - 56% of student-athletes were on the Dean’s list for Spring semester
  - 93% Academic Success Rate - Graduation Rate
  - 87% Retention Rate for all sports
  - All 14 NCAA varsity teams have an overall average team GPA of 3.2 or higher
    - Four teams have 3.7 overall average team GPA
  - 4 Academic All-Americans
    - Laura De Marchi - volleyball
    - Owen White - men’s basketball
    - Jesse Jacobusse - soccer
    - Ellie Mackay - women’s basketball
  - 3 GLIAC Commissioner’s Awards
    - Laura De Marchi - volleyball
    - Cassidy Trotter - women’s basketball
    - Owen White - men’s basketball
LAURA DE MARCHI

- Academic All-American
  - All-American (2x)
  - All-Region (2x)
- GLIAC Player of the Year
- GLIAC Setter of the Year (4x)
- All-GLIAC First Team (4x)
- Tech Record - Career Assists
- GLIAC Commissioner Award (2x)
  - Team Captain (3x)
- 2017 GLIAC Freshman of the Year
- Double Major Biomedical & Electrical Engineering
  - 3.77 GPA
- Native of Milan, Italy
- Ticket Office Employee
- Little Huskies Coach
COVID-19 Response

2020-2021

● Approximately 16,000 tests conducted
● Played a conference only schedule
● All scheduled contests completed except for 2 volleyball matches and 1 tennis match
● Excellent work by our staff, coaches, student-athletes
● Celebrated every opportunity to practice and complete

Planning for 2021-2022

● Resuming a normal conference and non-conference schedule
● Pre-competition and weekly surveillance testing for unvaccinated student-athletes, coaches and staff
● Continue to follow guidance from our LHD and NCAA Sports Science Institute
C. **Fruit Flies: Enemies of the Kitchen Heroes of Genetics!**
Thomas Werner, Associate Professor, Biological Sciences
Why study fruit flies?

Many **human diseases** can be studied in fruit flies!
More than **5000 fruit fly species** exist worldwide!
Our projects

1) Developmental genetics of color pattern formation
2) Genetics underlying mushroom toxin resistance
3) Huron Mountain Club long-term insect survey
4) Field guide to the fruit flies of the US
5) Fertility, fecundity, longevity, obesity (undergrad-initiated projects)
1) Color patterns
Alan Turing predicted the involvement of morphogens.

We proved him right!
Abdominal color patterns involve morphogens, too!
2) The genetics of mushroom toxin resistance

NSF Dimensions (5 years)

- 4 fruit fly species
- 3 geographical locations
- Inter- and intra-specific variation
- Genetic mechanisms
- Fitness costs
3) Huron Mountain Club insect survey

Fruit flies

Butterflies and moths
4) Fruit fly field guide series for the US

The Encyclopedia of North American Drosophilids

Vol 1:
Drosophilids of the Midwest and Northeast

Thomas Werner
Tessa Steenwinkel
& John Jaenike

Vol 2:
Drosophilids of the Southeast

Thomas Werner
Tessa Steenwinkel
& John Jaenike
5) Undergraduate-initiated research projects

- The effect of **nutrition** on **longevity, fecundity and fertility** in *Drosophila melanogaster* (Tessa Steenwinkel, winner of the Barry Goldwater fellowship, Provost Award for Scholarship, and several more)

- The effect of the **gut microbiome** on **obesity, fertility, and longevity** in *Drosophila melanogaster* (Morgan Smith, winner of the Songer Research Award and Undergraduate Research Internship)
Acknowledgments

- NIH
- NSF
- Huron Mountain Wildlife Foundation
- Department Chair Dr. Shekhar Joshi
- 100+ research undergraduates, particularly Tessa Steenwinkel
- Graduate students Chelsea Mitchell, Komal Raja, Mujeeb Shittu, Prajakta Kokate, William Dion, and Tessa Steenwinkel
- My first collected butterfly in 1981
D. **MASU Award Presentation**  
   Bob Murphy, Chief Policy Officer

E. **Undergraduate Student Government**  
   Zack Olson, President
USG BOARD OF TRUSTEES UPDATE

Zachary Olson, USG President
October 8, 2021
CAMPUS PRESENCE

- **200 votes** on our new constitution at K-Day

- **Roughly 18 hours** spent volunteering during Move-In Weekend

- Resumed in-person meetings at **7-9 PM** on Wednesdays in the Alumni Lounge (MUB 107)
The USG started the process to elect and appoint representatives for various groups of students on campus. These are:

**ELECTIONS**
- First Year Representative
- Second Year Representative
- College of Engineering Representative
- Residential Representative

**APPOINTMENTS**
- Third Year Representative
- Fourth Year Representative
- College of Engineering
- At-Large Representative
COMMITTEES

- **Political Affairs:** National Voter Registration Day, September 28

- **Events:** Preparing the Thanksgiving Break Bus and helping manage the Student Organization Barn

- **Student Affairs:** Weighed the merits of the University Senate Proposal 222 and other options for student evaluation comments

- **Public Relations:** Implemented a blog for long updates from leadership, implementing a system for students to submit issues/comments to USG
Thank You! Questions or Comments?

Zachary Olson

Undergraduate Student Government, President

Official: usg-president@mtu.edu
Personal: zaolson@mtu.edu

(989) 439-6884
F. Graduate Student Government
Nathan Ford, President
G. University Senate
   Samuel Sweitz, President
University Senate Update

Sam Sweitz, Senate President
Updates on Pending Business from Spring 2021

- Proposal 84-21: Evaluation Procedures for Department Chairs
  - Reintroduce under new committee membership

- Proposal 85-21: Proposal to Create a University Teaching-Facilitators Group for Support of Teaching Effectiveness to Resolve Student Concerns
  - Withdrawn in lieu of Proposal 2-22
Updates on Ballot Initiatives on tenure process changes:

• Proposal 79-21: Update Faculty Handbook Section 5.1.2. Exceptional Extension of the Probationary Period

• Proposal 55-21: Proposed Addition of Section 2.6 Role of Diversity, Equity, and Inclusion to the Faculty Handbook

• Retroactive vote on Section 2.5 Role of Innovation and Commercialization of the Faculty Handbook
Early Agenda Items for Fall

- Proposal 1-22 University Senate Handbook

- Proposal 2-22 Revisions to Procedure 504.1.1 Teaching Effectiveness Evaluations

- DEIS Initiatives in Support of the Office of the Vice President for Diversity and Inclusion
X. Informational Items

A. Analysis of Investments

**MICHIGAN TECH UNIVERSITY**

**INVESTMENT PORTFOLIO**

**JUNE 30, 2021 THROUGH AUGUST 31, 2021**

<table>
<thead>
<tr>
<th>Investment Category</th>
<th>Market Value 6/30/21</th>
<th>Market Value 8/31/21</th>
<th>Fiscal-Year Return</th>
<th>Benchmark Return</th>
<th>Benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money Market Fund</td>
<td>$2,227,371</td>
<td>$2,240,936</td>
<td>0.00%</td>
<td>0.01%</td>
<td>ICE BofA Merrill Lynch US T-Bill Index</td>
</tr>
<tr>
<td>Equity Funds:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core Equity Fund</td>
<td>11,505,342</td>
<td>12,050,882</td>
<td>5.32%</td>
<td>5.49%</td>
<td>S&amp;P 500</td>
</tr>
<tr>
<td>Commonfund Strategic Solutions Equity Fund</td>
<td>6,888,970</td>
<td>7,170,703</td>
<td>6.85%</td>
<td>5.49%</td>
<td>S&amp;P 500</td>
</tr>
<tr>
<td>Total Equity Funds</td>
<td>18,394,312</td>
<td>19,221,585</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed Income Funds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intermediate Term Fund</td>
<td>8,896,448</td>
<td>9,040,994</td>
<td>0.16%</td>
<td>0.16%</td>
<td>ICE BofA Merrill Lynch 1-3 Yr Treasury</td>
</tr>
<tr>
<td>Commonfund Contingent Asset Portfolio</td>
<td>8,892,319</td>
<td>9,046,223</td>
<td>0.10%</td>
<td>0.16%</td>
<td>ICE BofA Merrill Lynch 1-3 Yr Treasury</td>
</tr>
<tr>
<td>High Quality Bond Fund</td>
<td>6,760,565</td>
<td>6,766,070</td>
<td>0.97%</td>
<td>0.93%</td>
<td>Bloomberg Barclays US Aggregate Bond Index</td>
</tr>
<tr>
<td>Total Fixed Income Funds</td>
<td>24,549,332</td>
<td>24,853,287</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>$45,171,015</td>
<td>$46,315,808</td>
<td>2.60%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Current Asset Allocation**

- Cash Equivalents, 5%
- Equities, 41%
- Fixed Income - Short Duration, 39%
- Fixed Income - Long Duration, 15%

**Target Asset Allocation**

- Cash Equivalents, 5%
- Equities, 40%
- Fixed Income - Short Duration, 40%
- Fixed Income - Long Duration, 15%
### Research & Sponsored Programs

#### Funding Summary

<table>
<thead>
<tr>
<th></th>
<th>FY '21</th>
<th>FY '20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored Awards</td>
<td>$67,244,308</td>
<td>$67,205,314</td>
</tr>
<tr>
<td>CARES Act Emergency Funding</td>
<td>-</td>
<td>4,605,779</td>
</tr>
<tr>
<td>CRRSAA HEERF II Relief Funding</td>
<td>6,991,814</td>
<td>-</td>
</tr>
<tr>
<td>American Rescue Act-HEERF III Relief Funding</td>
<td>12,364,790</td>
<td>-</td>
</tr>
<tr>
<td>Grand Total</td>
<td>$86,600,912</td>
<td>$71,811,093</td>
</tr>
</tbody>
</table>

Note, due to the nature of the federal emergency and relief funding, the detailed reports in this package exclude them.
### Sponsored Awards

**Fiscal Year 2021**

**4th Quarter**

**Ended June 30, 2021**

**TOTAL: $67,244,308**

#### Pre-Proposals Submitted

*(excluded from Proposals Submitted figures below)*

- **FYTD 2020:** 45
- **FYTD 2021:** 39

#### Proposals Submitted

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>FY '21 as of 06/30</th>
<th>FY '20 as of 06/30</th>
<th>FY '21 as of 06/30</th>
<th>FY '20 as of 06/30</th>
<th>FY '21 as of 06/30</th>
<th>FY '20 as of 06/30</th>
<th>Variance</th>
<th>Variance %</th>
</tr>
</thead>
<tbody>
<tr>
<td>NASA</td>
<td>66</td>
<td>85</td>
<td>57</td>
<td>70</td>
<td>3,758,802</td>
<td>6,882,291</td>
<td>-3,123,489</td>
<td>-45.4%</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>149</td>
<td>133</td>
<td>51</td>
<td>52</td>
<td>9,276,246</td>
<td>8,612,051</td>
<td>664,195</td>
<td>7.7%</td>
</tr>
<tr>
<td>US Department of Agriculture</td>
<td>50</td>
<td>50</td>
<td>60</td>
<td>35</td>
<td>2,536,208</td>
<td>2,305,311</td>
<td>230,897</td>
<td>10.0%</td>
</tr>
<tr>
<td>US Department of Defense</td>
<td>109</td>
<td>113</td>
<td>107</td>
<td>97</td>
<td>18,203,270</td>
<td>14,922,599</td>
<td>3,280,671</td>
<td>22.0%</td>
</tr>
<tr>
<td>US Department of Education</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>7,670</td>
<td>58,614</td>
<td>-50,944</td>
<td>-86.9%</td>
</tr>
<tr>
<td>US Department of Energy</td>
<td>55</td>
<td>53</td>
<td>40</td>
<td>32</td>
<td>9,557,024</td>
<td>6,796,614</td>
<td>2,760,410</td>
<td>40.6%</td>
</tr>
<tr>
<td>US Department of HHS</td>
<td>70</td>
<td>54</td>
<td>12</td>
<td>19</td>
<td>2,343,332</td>
<td>5,868,781</td>
<td>-3,525,449</td>
<td>-60.1%</td>
</tr>
<tr>
<td>US Department of Transportation</td>
<td>11</td>
<td>14</td>
<td>8</td>
<td>13</td>
<td>1,217,088</td>
<td>2,542,750</td>
<td>-1,325,662</td>
<td>-52.0%</td>
</tr>
<tr>
<td>Other Federal Agencies*</td>
<td>68</td>
<td>54</td>
<td>42</td>
<td>48</td>
<td>3,822,011</td>
<td>3,321,443</td>
<td>500,568</td>
<td>15.1%</td>
</tr>
<tr>
<td>Federal Agency Total</td>
<td>580</td>
<td>559</td>
<td>378</td>
<td>369</td>
<td>50,482,251</td>
<td>51,310,454</td>
<td>(828,203)</td>
<td>-1.6%</td>
</tr>
<tr>
<td>State of Michigan</td>
<td>51</td>
<td>40</td>
<td>38</td>
<td>29</td>
<td>5,058,255</td>
<td>3,761,931</td>
<td>1,296,324</td>
<td>34.5%</td>
</tr>
<tr>
<td>Industrial</td>
<td>172</td>
<td>175</td>
<td>154</td>
<td>150</td>
<td>5,496,106</td>
<td>5,933,873</td>
<td>-437,767</td>
<td>-7.4%</td>
</tr>
<tr>
<td>Foreign</td>
<td>23</td>
<td>22</td>
<td>18</td>
<td>12</td>
<td>2,217,088</td>
<td>1,501,603</td>
<td>715,485</td>
<td>47.6%</td>
</tr>
<tr>
<td>All Other Sponsors</td>
<td>90</td>
<td>88</td>
<td>45</td>
<td>47</td>
<td>1,255,330</td>
<td>1,110,667</td>
<td>144,663</td>
<td>13.0%</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>916</td>
<td>884</td>
<td>854</td>
<td>852</td>
<td>67,244,308</td>
<td>67,205,314</td>
<td>$38,994</td>
<td>0.1%</td>
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#### Awards Received

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<th>FY '20 as of 06/30</th>
<th>FY '21 as of 06/30</th>
<th>FY '20 as of 06/30</th>
<th>FY '21 as of 06/30</th>
<th>FY '20 as of 06/30</th>
<th>Variance</th>
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<tr>
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<td>$38,994</td>
<td>0.1%</td>
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</table>

Federal award dollars do NOT include FY21 $19,356,604 CRRSAA HEERF II (Covid Relief) or FY20 $4,605,779 CARES Act funding from US Department of Education


**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.
### SPO & OIC Metrics

<table>
<thead>
<tr>
<th>SPO &amp; OIC Metrics</th>
<th>Administration</th>
<th>College of Business</th>
<th>College of Computing</th>
<th>College of Engineering</th>
<th>College of Forest Resources &amp; Environmental Science</th>
<th>College of Sciences &amp; Arts</th>
<th>Great Lakes Research Center</th>
<th>Keweenaw Research Center</th>
<th>Michigan Tech Research Institute</th>
<th>Pavlis Honors College</th>
<th>Totals</th>
<th>Fiscal Comparison</th>
<th>Percent Change</th>
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<td>38</td>
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<td>89</td>
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<td>77</td>
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<td>88</td>
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<td>4,315,767</td>
<td>5,433,276</td>
<td>749,801</td>
<td>6,653,572</td>
<td>4,487,076</td>
<td>340,141</td>
<td>37,015,211</td>
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<td>1,906,206</td>
<td>-</td>
<td>2,217,088</td>
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<td>276,123</td>
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<td>3,700</td>
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<td>12,804</td>
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<td>5,000</td>
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<td>-</td>
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<td>79,812</td>
<td>152,881</td>
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<td>-</td>
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<td>9,049,938</td>
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<td>612,836</td>
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<td>10,665,677</td>
<td>1,247,369</td>
<td>8,210,315</td>
<td>10,723,730</td>
<td>280,224</td>
<td>67,205,314</td>
<td>67,205,314</td>
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</tr>
<tr>
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<td>-32.9%</td>
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<td>-10.8%</td>
<td>-2.9%</td>
<td>-53.9%</td>
<td>-34.3%</td>
<td>-30.1%</td>
<td>-10.2%</td>
<td>-16.2%</td>
<td>118.7%</td>
<td>0%</td>
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<td>4.34%</td>
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<td>-11.5%</td>
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<td>4.34%</td>
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<td>98</td>
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<td>221,391</td>
<td>221,391</td>
<td>221,391</td>
<td>-44.9%</td>
</tr>
</tbody>
</table>

 Federal award dollars do NOT include FY21 $19,356,604 CRRSAA HEERF II (Covid Relief) or FY21 $4,605,779 CARES Act funding from US Department of Education

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).
### Sponsored Awards & Gifts

<table>
<thead>
<tr>
<th>Division</th>
<th>Administration</th>
<th>College of Business</th>
<th>College of Computing</th>
<th>College of Engineering</th>
<th>College of Forest Resources &amp; Env Science</th>
<th>College of Sciences &amp; Arts</th>
<th>Great Lakes Research Center</th>
<th>Keweenaw Research Center</th>
<th>Michigan Tech Research Institute</th>
<th>Pavlis Honors College</th>
<th>Totals</th>
<th>Fiscal Comparison</th>
<th>Percent Change</th>
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</thead>
<tbody>
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<td>Automotive</td>
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<td>-</td>
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<td>-</td>
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<td><strong>Total $ by Division</strong></td>
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<td><strong>3,976,121</strong></td>
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<td><strong>350,830</strong></td>
<td><strong>83,187</strong></td>
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<tr>
<td>Percent Change</td>
<td>-58.8%</td>
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<td><strong>28.9%</strong></td>
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**Formal Session of the Board of Trustees - Informational Items**

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<th>College</th>
<th>Dollars</th>
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<td>1,263,667</td>
</tr>
<tr>
<td>Great Lakes Research Center</td>
<td>83,187</td>
</tr>
<tr>
<td>Keweenaw Research Center</td>
<td>2,363,376</td>
</tr>
<tr>
<td>Michigan Tech Research Institute</td>
<td>6,794,467</td>
</tr>
</tbody>
</table>

**TOTAL:** $16,680,580
Michigan Technological University
Total PRELIMINARY Research Expenditures by College/School/Division
Fiscal Year 2021 & 2020
As of June 30, 2021 Period 14 and June 30, 2020 Period 14

<table>
<thead>
<tr>
<th>College/School/Division</th>
<th>Preliminary FY2021</th>
<th>Preliminary FY2020</th>
<th>Variance</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration*</td>
<td>820,733</td>
<td>2,346,630</td>
<td>(1,525,897)</td>
<td>-65.0%</td>
</tr>
<tr>
<td>College of Business</td>
<td>1,522,209</td>
<td>1,551,760</td>
<td>(29,551)</td>
<td>-1.9%</td>
</tr>
<tr>
<td>College of Computing</td>
<td>4,021,921</td>
<td>2,925,595</td>
<td>1,096,326</td>
<td>37.5%</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>31,614,848</td>
<td>29,761,464</td>
<td>1,853,384</td>
<td>6.2%</td>
</tr>
<tr>
<td>College of Forest Resources &amp; Environmental Science</td>
<td>6,084,790</td>
<td>5,070,043</td>
<td>1,014,747</td>
<td>20.0%</td>
</tr>
<tr>
<td>College of Science &amp; Arts</td>
<td>14,267,247</td>
<td>14,718,484</td>
<td>(451,237)</td>
<td>-3.1%</td>
</tr>
<tr>
<td>Great Lakes Research Center**</td>
<td>1,480,740</td>
<td>1,016,771</td>
<td>463,969</td>
<td>45.6%</td>
</tr>
<tr>
<td>Pavlis Honors College</td>
<td>597,330</td>
<td>515,516</td>
<td>81,814</td>
<td>15.9%</td>
</tr>
<tr>
<td>Keweenaw Research Center (KRC)</td>
<td>10,090,175</td>
<td>9,543,097</td>
<td>547,078</td>
<td>5.7%</td>
</tr>
<tr>
<td>Michigan Tech Research Institute (MTRI)</td>
<td>11,215,400</td>
<td>10,478,063</td>
<td>737,337</td>
<td>7.0%</td>
</tr>
<tr>
<td>School of Technology</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total</td>
<td>81,715,393</td>
<td>77,927,423</td>
<td>3,787,970</td>
<td>4.9%</td>
</tr>
</tbody>
</table>

*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 GLRC department (non-academic researchers) expenditures only. All other GLRC center expenditures are shown in the researchers’ respective colleges.
C. Advancement & Alumni Relations
2021-2022 Goals and Initiatives to be achieved in collaboration with administrative and academic leadership and the Michigan Tech Fund Board of Directors.

- Campaign prep (completion of the feasibility study, following through on recommendations)
- Review the fee structure to be sure it's in accordance with our peers and appropriate for a campaign
- Review of the MTF bylaws
- Ensure Donor integrity and intention in every aspect of our business
- Evaluate private assets as an investment vehicle for the endowment
- Revitalize alumni engagement with services and programs virtually and across the nation
- Rebrand and refocus annual giving toward engaging more first time donors
- Implement Customer Relationship Management software
- Engage alumni, principal and major gift donors and corporate/foundation partners in a virtual and hybrid environment
- Launch Alumni DEIS Advisory Board for Fall and establish alumni board liaison

Highlights

- Held a successful alumni reunion with over 317 people in attendance
- Reviewing several well-qualified applicants for the AVP of Alumni Engagement that was posted September 8
- Hired Principal Giving Associate assisting with campaign preparation and launch
- Traverse City Alumni event in conjunction with Traverse Connect ribbon cutting
- Hosting in the hockey suites has resumed

Fundraising totals as of August 31, 2021

- $2,148,000 in planned gifts
- $803,202 in realized planned gifts
- $766,940 in major outright gifts and pledges
- $261,344 in annual gifts under $10,000
- $381,156 in corporate support
- $127,417 in foundation gifts
- 15 illustrations, proposals, and gift agreements were provided for donors
- 18 executed gift agreements

Principal Giving

FY 2022 Pending Gifts

- Working with a former MTF BoD member and spouse in conjunction with the Dean of the College of Business to endow their current annual scholarship fund with $1 million. $500k was received and the remaining will be pledged over the next 5 years. Their current $1 million estate gift will also be increased by approximately $800K. Halonen and Johnson met with the donors in August and will finalize the agreement in the first or second quarter of FY 2022. This will be a campaign leadership gift.
- Working with a former MTF BoD member and spouse in conjunction with the Chair of Chemical Engineering to increase their current endowed professorship in Chemical Engineering into an endowed chair at the $2 million level. A verbal commitment was received and we will work on the details and closure in the second quarter of FY 2022.
- Working with the widow of a former MTF BoD in conjunction with the Dean of the College of Business on an approximate $1 million estate gift for the college designated for scholarships. Halonen and Johnson met with the donor in August 2022. As the BoD member recently passed, this gift commitment may be pushed into FY 2023.
- Working with a GMES alum in conjunction with the department chair on an increase of his $1 million Planned gift to $2 million+. Halonen and Smirnov to visit in the fall of 2021.

FY 2022 and Later Expected Gifts
- Working to finalize an $8+ million estate gift in conjunction with the Dean of College of Sciences and Arts. This will be for scholarships for the College of Sciences and Arts, with an emphasis on Physics, Chemistry, and Mathematics. Halonen and Koubek last met with the donor in January 2020. Due to COVID-19, the finalization of this gift has been delayed by the 4th quarter of FY 2022.
- In conjunction with the chair of Civil and Environmental Engineering, we are working with a donor on a $2 million estate gift with annual funding at the endowment payout level. This would be for an endowed chair or an endowed professorship with a $1 million scholarship endowment.
- Working with an alumni and spouse in conjunction with the chair of Chemical Engineering, on a $1+ million planned gift for the Chemical Engineering department. Halonen to meet with them on campus in April 2021. Halonen to meet with them in October or November 2021.
- In conjunction with the chair of Mechanical Engineering-Engineering Mechanics we are working on a $1 million estate gift from an alumnus and automotive executive. Halonen and Roberts met with him in May 2021. While this gift was to close in FY 2021, that has been pushed out for future years.
- Working with an alumni (non degree) and spouse in conjunction with the Dean of the College of Business and the Office of Gift Planning on a multi level planned gift which, along with immediate outright giving, would provide charitable life income arrangements for children and grandchildren with eventual proceeds to the College of Business. Halonen and Roberts met with them in March 2021. Expected to close in FY 2022.

Staffing
- As of 9/14/21, an offer was made to hire a Principal Giving Associate to focus on Advancement, Campaign, and Presidential Events. This position will start in October of 2021.

Regional Areas of Focus
- Silicon Valley - Fall and Spring FY 2022
- SW Florida - Winter/Spring FY 2022

Advancement and Gift Planning:
Thompson Foundation (scholarship program visit)
Hosting alumni and donors at Sherman Field at Kearly Stadium enjoying the Huskies Football home games.

Launching fundraising initiative for 100 years of Men’s Basketball to be celebrated in 2022.

All fundraisers are on the road again visiting with alumni and friends.

Annual Giving:

- Overall Annual Giving –
  - As of August 31, 2021 – $283,057

- Annual Fund (unrestricted) –
  - As of August 31, 2021 – $100,509

- Campus Campaign
  - As of August 31, 2021 – 54 employees have donated $25,258 to the Campus Campaign. That is a participation rate of 4%.

Corporate and Foundation Relations (CFR):

- Collaboration with Civil and Environmental Engineering and CoE Advancement to expand scholarships recruiting pipeline program.
- Revitalizing our industry engagement focused on autonomous mobility, computing and entrepreneurial endeavours.

Market Development:

- Researched, produced, and provided data from 30 comparable and peer public institutions’ endowment management fees
- Provided campaign capacity analyses that used three standard models (recency/frequency, lead donor cornerstone gifts, and forecast from historical data)
- Conducted a comprehensive data-hygiene sweep of donors with prior “recommended” status codes. This will help improve efficiencies going forward as well as providing better information for CRM conversion
- Research to identify well-connected, well-regarded alumni leaders to participate as presenters in our Fall “Innovators in Industry” forums for students

Advancement Services

- Continuing to assess the Ellucian CRM platform with additional demonstrations of the features to support communications, events, reporting and data transfers.
- Supporting the data requests for the Campaign Readiness Study.
- Supporting communications to alumni and friends for academic departments.

Donor Relations and Alumni Engagement

- Although Reunion 2021 events were limited to one day, we had 317 registered guests attending. 88% of post reunion survey respondents said that the event provided a good sense of Michigan Tech as it is today and 81% stated that it strengthened their connection to Michigan Tech.
● Inducted 8 new members of the Presidential Council of Alumnae (PCA) on Sep 17, 2021
  ○ Molli Andor ‘15 Mechanical Engineering
  ○ Angela Hammond ‘00, ’02 Geological Engineering
  ○ Amberlee Haselhuhn ’11, ‘16 Biomedical Engineering and Material Science Engineering
  ○ Jaclyn Johnson ’08, ‘11 Mechanical Engineering
  ○ Leslie Kilgore ‘95 Mechanical Engineering
  ○ Kim Lobdell ’79 Civil Engineering
  ○ Joyce Caylor Lyth ‘72 (posthumously) Business Administration
  ○ Jennifer Trice ‘87, ‘89 Mechanical Engineering

● The Alumni Board of Directors met on campus Sept 30 & October 1st, 2021.
D. Media Coverage

Media Report: July 17 to Sept. 17, 2021
Michigan Technological University
Regular Meeting of the Board of Trustees
Oct. 8, 2021

Overview

<table>
<thead>
<tr>
<th>Articles</th>
<th>1,084</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total engagement</td>
<td>~ 146.55K</td>
</tr>
<tr>
<td>Average engagement</td>
<td>135</td>
</tr>
<tr>
<td>Journalist shares</td>
<td>679</td>
</tr>
<tr>
<td>Journalist reach</td>
<td>~ 34M</td>
</tr>
<tr>
<td>Average unique visitors per month (UVM)</td>
<td>~ 3.69M</td>
</tr>
<tr>
<td>Total UVM</td>
<td>~ 4B</td>
</tr>
</tbody>
</table>

Between July 17 and Sept. 17, 2021, a total of 1,084 online articles mentioned Michigan Technological University:

10/8/21 Michigan Tech Board of Trustees Regular Meeting, Media Report - Articles
Those 1,084 articles were shared, commented on, or liked social media more than 146,550 times, for an average engagement of 135 shares, comments, or likes per article:

Journalists shared the articles on Twitter 679 times, resulting in a reach of roughly 34 million people:
**News Highlights:**

**Research News**
Nancy French (MTRI) was quoted in a [New York Times](https://www.nytimes.com/interactive/2021/07/21/climate/wildfire-smoke-map.html) article on how wildfire smoke spread across the US.


Michigan Tech’s contributions to a catch-and-release GPS collar project with Isle Royale wolves were highlighted in news reports by MLive and WJMN.


A presentation by MTU researchers to City of Negaunee residents on a feasibility study to repurpose the Mather B Mine was covered by WLUC TV6 and ABC 10 UP. The feasibility study focused on the possibility of turning the mine into an underground pump-hydraulic energy storage facility.

- [https://www.uppermichiganssource.com/2021/08/22/mtu-group-recieves-feedback-research-looking-repurpose-underground-mines/](https://www.uppermichiganssource.com/2021/08/22/mtu-group-recieves-feedback-research-looking-repurpose-underground-mines/)

Steve Techtmann’s research to turn plastic into edible protein was highlighted in a WJMN feature story. The story was picked up by other regional outlets, including WCIA in Champaign, Illinois, and WLAX in La Crosse, Wisconsin.

Simon Carn (GMES) was the lead writer on a feature story for Eos titled, “Anticipating Climate Impacts of Major Volcanic Eruptions.”


Guy Meadows (GLRC) was interviewed for an MLive story on industrial plastic pellets called nurdles that are littering Great Lakes beaches.


Nathan Manser (GMES) was quoted in a Detroit News feature story on how the Upper Peninsula managed risk related to mining materials for clean cars.


General News

Michigan Tech’s enrollment trends for the 2021-22 academic year were the subject of in-depth reports from WLUC TV6 and the Daily Mining Gazette.


The expected boost that Michigan Tech’s and Northern Michigan University’s incoming first-year classes will bring to the UP economy was the subject of a report on WLUC TV6.


In an article on virtual learning, the Detroit News highlighted the University’s hiring of David Lawrence as the inaugural vice president for online and continuing education.


A three-part series on Michigan Tech’s move-in weekend was published by the Daily Mining Gazette. The stories included a report on the University’s efforts to ensure a safe and efficient move-in process in the midst of ongoing road construction, a feature story on students moving into the residence halls, and an interview with Dean of Students Wallace Southerland III.

Houghton County’s population rise was credited to Michigan Tech’s student population in a WNEM Detroit News story, which cited a similar story that ran in the Daily Mining Gazette. Houghton County was the only county in the Upper Peninsula to see a population increase in the 2020 United States census.

Incoming Michigan Tech student Alireza Asadi was interviewed for a Chronicle of Higher Education article titled, “A Special Kind of Limbo: Iranian Students’ Troubles Getting to the U.S. Threaten STEM Pipeline.”


The winning bid submitted by Michigan Tech alumni for a former US Air Force radar station in Eagle Harbor Township, known as Mount Horace Greeley, was covered by the Associated Press. The group intends to turn the site, which operated as a radar station during the Cold War, into a tourist destination.

- [https://apnews.com/article/lifestyle-technology-travel-cold-war-efac3eb3890165c89806414b277792fa](https://apnews.com/article/lifestyle-technology-travel-cold-war-efac3eb3890165c89806414b277792fa)
## E. Employee Safety Statistics

### EMPPLOYEE SAFETY STATISTICS YEAR-TO-DATE

**Jan 1 - August 31, 2020/2021**

<table>
<thead>
<tr>
<th>Category</th>
<th>Years</th>
<th>Employee Classification</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>AFSCME</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Faculty</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Non-Exempt</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Professional</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Temporary</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UAW</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Injury Only w/Medical - No Lost Time</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2020</td>
<td></td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2021</td>
<td></td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Lost Time Cases</td>
<td>2020</td>
<td></td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2021</td>
<td></td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Restricted Work Cases</td>
<td>2020</td>
<td></td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2021</td>
<td></td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>4</td>
</tr>
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<td></td>
<td></td>
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<td>2</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Occupational Safety and Health Administration (OSHA) Recordable Injuries (Total of above)</td>
<td>2020</td>
<td>11</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2021</td>
<td>6</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lost Time Case Rate</td>
<td>2020</td>
<td>7.2</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td>2021</td>
<td>5.4</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.6</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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.
F. Disposal of Surplus property

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No capital dispositions to report</td>
<td>$</td>
</tr>
</tbody>
</table>

Michigan Technological University
Surplus Property Sales
Jul 1, 2021 - Aug 31, 2021
XI. Other Business

XII. Date for Next Formal Meeting: December 17, 2021

XIII. Adjourn