



**Formal Session of the Board of Trustees**

**February 28, 2020**

**9:00 a.m. – 12:00 p.m. | Memorial Union Building Ballroom B**

- I. Call to Order**  
Brenda Ryan, Chair
  
- II. Roll Call**  
Sarah Schulte, Secretary
  
- III. Confirm Agenda**  
Brenda Ryan, Chair
  
- IV. Opening Remarks**
  - A. Opening Remarks of the Board Chair**  
Brenda Ryan, Chair
  
  - B. Opening Remarks of the University President**  
Richard Koubek, President
  
- V. Public Comment Period**
  
- VI. Committee Reports**
  - A. Academic Affairs**  
Linda Kennedy, Committee Chair
  
  - B. Audit and Finance Committee**  
Jeff Littmann, Committee Chair
  
- VII. Consent Agenda**
  - A. Approval of Minutes**
  
  - B. Degrees in Course**
  
  - C. Resignations, Retirements, and Off Payroll**
  
  - D. Fundraising Productivity Report**

**VIII. Action and Discussion Items**

- A. Employee Recognition**  
Brenda Ryan, Chair
- B. Proposal for a Bachelor of Science Degree in Human Biology** Jackie Huntoon, Provost
- C. Proposal for a Department of Applied Computing in the College of Computing**  
Jackie Huntoon, Provost
- D. Proposed Board Policy 4.10: Privacy of Personnel Records**
- E.** Jackie Huntoon, Provost
- F. Proposed Amendment to Board Policy 8.6: Enrollment Deposit**  
John Lehman, VP of University Relations and Enrollment
- G. Proposed Amendment of Board Bylaw 1.14**  
Sarah Schulte, Secretary

**IX. Reports**

- A. H-Stem Building Progress Report**  
Mike Abbott and Jake Guter
- B. Enterprise Program Turns 20!**  
Rick Berkey, Director of the Enterprise Program
- C. Undergraduate Student Government**  
Melanie Thomas, President
- D. Graduate Student Government**  
Nathan Ford, President-elect and Daniel Byrne, Vice President
- E. University Senate**  
Michael Mullins, President

**X. Informational Items**

- A. Analysis of Investments**
- B. Research & Sponsored Programs**
- C. Advancement & Alumni Relations**
- D. Media Coverage**
- E. Employee Safety Statistics**

**XI. Other Business**

**XII. Date for Next Formal Meeting: May 1, 2020**

**XIII. Adjourn**

**I. CALL TO ORDER**  
Brenda Ryan, Chair

**II. ROLL CALL**  
Sarah Schulte, Secretary

**III. CONFIRM AGENDA**

Brenda Ryan, Chair

**RECOMMENDATION** That the Board of Trustees approves the agenda for the formal session of February 28, 2020 as distributed to the Board.

**IV. OPENING REMARKS**

- A. Opening Remarks of the Board Chair  
Brenda Ryan, Chair
  
- B. Opening Remarks of the University President  
Richard Koubek, President

**V. PUBLIC COMMENT PERIOD**

Members of the public are invited to make public comments to the Board of Trustees in accordance with Board of Trustees Bylaw 1.14. Those who wish to address items in today's agenda and who have filed their intent with the Secretary of the Board as required by Bylaw 1.14 will be limited to 5 minutes. Those addressing general topics are limited to 3 minutes.

**VI. COMMITTEE REPORTS**

A. Academic Affairs Committee – Linda Kennedy

B. Audit and Finance Committee – Jeff Littmann

## **VII. CONSENT AGENDA**

These are routine matters that generally do not require discussion or debate. Any Board member can remove any consent item from the agenda by request. They will be considered as one resolution.

- A. Approval of Minutes
- B. Degrees In Course
- C. Resignations, Retirements, and Off Payroll
- D. Fundraising Productivity Report

**VII-A. APPROVAL OF MINUTES**

**RECOMMENDATION:** That the Board of Trustees approves the minutes of the formal session of December 13, 2019 as distributed to the Board.

**VII-B. DEGREES IN COURSE**

Included herein are candidate who have been recommended by their respective faculties and have been certified by the Registrar as having fulfilled all the requirements of their degrees as specified

**RECOMMENDATION:** That the Board of Trustee approves the awarding of the degrees as specified, to each of the candidates listed, and offer congratulations.



**MEMORANDUM**

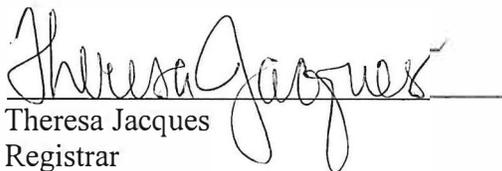
**To:** Dr. Richard J. Koubek  
Office of the President

**From:** Theresa Jacques  
Registrar's Office

**Date:** January 28, 2020

**Subject:** Candidates for Degrees – Conferral Term 201908

The attached list of candidates for degrees, beginning with Michael James Maple and ending with Shijia Yan 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

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

Bachelor of Arts in Communication, Culture, and Media	Michael James Maple
	Madison Raneef Pfahler
Bachelor of Arts in English	Tahisha Renee Hicks
Bachelor of Arts in Scientific and Technical Communication	Thomas Phillip Autio
	Zachary David Marten
	Tyler Douglas Morgan
	Zachary S Nicholas
Bachelor of Arts in Sound Design	Sarah Jeanne Marie Calvert
Bachelor of Science in Accounting	Shannon Eve Forsberg
	Jordan Bruce Janssen - Magna Cum Laude
	Ryan Matthew Kesti
	Daniel George Schudlich
	Jamie Ann Sertich
Bachelor of Science in Anthropology	Charles Robert Fugate
Bachelor of Science in Applied Ecology and Environmental Science	Lauren Marcia Cohen - Magna Cum Laude
	Benjamin Daniel Miller - Cum Laude
Bachelor of Science in Applied Geophysics	Allan Makai Kambindama
Bachelor of Science in Audio Production and Technology	Maya Ellen Ablao
Bachelor of Science in Biochemistry and Molecular Biology	Savannah M Joslin
	Penny Jane Nowlin - Cum Laude
Bachelor of Science in Bioinformatics	William Leo Crumb
Bachelor of Science in Biological Sciences	Alexander Orion Pohl
	Gavin Mark Rye - Magna Cum Laude
	Nicholas Walli
Bachelor of Science in Biomedical Engineering	Bailey Rae Feddick - Magna Cum Laude
	Jacob James Formolo
	Stephanie Renee Jewell
	Leigh Therese Schindler
Bachelor of Science in Chemical Engineering	Trent Alexander Daenzer
	Jordan Reginald Dopp - Cum Laude
	Nicholas Brian Lueder - Summa Cum Laude
Bachelor of Science in Chemistry	Nathan Robert Conner - Cum Laude
Bachelor of Science in Civil Engineering	Hunter M Austin
	Jacob Michael Bouman
	Mia Cheyenne Cochrane
	Nicholas Nash Cortes
	Carley Michelle Davis - Cum Laude
	Kate Elizabeth Dorman
	Mario Dos Santos Neto
	Joshua Francis Eckert
	Kelsey M Fournier
	Evan Matthew Gornick
	David Daniel Goschka
	Morgan Elizabeth Green
	Michelle Renee Hart - Magna Cum Laude
	Samantha Renata Kiluk
	Ethan Micheal Knake
	Jack Edward Krueger

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

	Jason Daniel Lindbeck
	Veronica I Lynch - Cum Laude
	Jon Michaelangelo Marino - Magna Cum Laude
	Luke Allen Mattson
	Ibtisam Nawaz
	Bradley S Park
	Jacob Thomas Peterson
	Travis John Pietila
	Sophia Frances Steinbrueck - Cum Laude
Bachelor of Science in Computer Engineering	Peter Edwin Amundsen - Cum Laude
	Stephen Russell Ardanowski
	Thomas DeVoe
	David John English - Summa Cum Laude
	Austin Kane Erva
	Mark Joseph Jablonsky
	Andrew Dean Kirkum - Cum Laude
	Corrina Elizabeth Kissam
	Ryan Heinz Koerner
	Jacob Michael Loss - Cum Laude
	Natalie Jean McGrath - Cum Laude
	Eric Leonard Pivoris
	Joseph C Rabaut - Summa Cum Laude
	Samuel Daniel Solverson - Summa Cum Laude
	Andrew J Stanley
Bachelor of Science in Computer Network and System Administration	Jacob John Black - Cum Laude
	Edward David Dobija
	Zachary Rhys Jones
	Matthew Brian Link - Cum Laude
	Robert Verlyn Rollins - Cum Laude
	Gabriel Christian Toman - Cum Laude
	Philip James Vaglica - Cum Laude
Bachelor of Science in Computer Science	Tanner David Barth
	Lucas Patrick Buccilli - Summa Cum Laude
	Amanda Brooke Charboneau
	Ann Elizabeth Ciesla - Summa Cum Laude
	Noah Alexander Davis - Cum Laude
	Tyler Lee Eichten - Magna Cum Laude
	Nicholas R Hamilton - Magna Cum Laude
	Brendan Andrew Maletski
	David Andrew Messick
	Nickalos R Milano
	Alex Thomas Osterholzer
	Domenic Michael Portuesi
	Daniel Frederick Schuen
	Jonah Hans Schulte
	Darrel Joseph Younk
	Veronica R Yurek - Summa Cum Laude
	Zheng Zhou - Cum Laude

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

Bachelor of Science in Construction Management	John K Ryyananen - Cum Laude
	Nicholas James Silvestri
Bachelor of Science in Economics	Jian Zheng
Bachelor of Science in Electrical Engineering	Bryce Charles Adamski
	Jordan Daniel Anderson - Cum Laude
	Timothy James Ciarelli - Cum Laude
	Robert David Hammann
	Bohdan Aleksander Hartman
	Ian Delbridge Helman
	Jacob R Lillie
	Nakita Elizabeth Menke - Cum Laude
	Cameron James Myers
	Veronica Hellen Norbotten
	Chad Ronald Oja
	Antony Vitaliy Pavlishin - Magna Cum Laude
	Atakan E Pekpolat
	Michael T Subda
	Tasauf Salim Torzo
Bachelor of Science in Engineering Management	Hunter M Austin
	Shawn David Badanjek
	Romana Isabel Carden
	Xavier Lee Ciardo
	Jacob Jorgen Dam
	Connor Kenneth Green - Magna Cum Laude
	Lucas Christof Grulke - Magna Cum Laude
	Haley Rae Hall - Cum Laude
	Nick Howard Helminen
	LeAnn Nicole Schaefer - Magna Cum Laude
	Aaron Taylor Scheetz
	Quinn Alan Trumbower
Bachelor of Science in Environmental Engineering	Samantha F Cepeda Guerrero
	Samantha Rose Hindle
	Lauren Taylor Kirkconnell - Cum Laude
	Courtney Leigh Kosters - Magna Cum Laude
	Jason Anthony Mathews - Cum Laude
	Jason W Mihovilovich - Summa Cum Laude
	Benjamin Jon Mohrhardt - Magna Cum Laude
	Landon Thomas Overesch
	Kolten Matthew Phillips
	Samantha Anne Schultz
	Peter Graham Szaichler - Cum Laude
	Emma Rose Witherspoon
	Tyler Alan Wittmann - Magna Cum Laude
	Emma Louise Wright
Bachelor of Science in Exercise Science	Katherine Marie Boucher
	Blake Stanley Dupuis - Summa Cum Laude
	Hannah Lee Heikkinen - Cum Laude
	Corey Nicole Miller

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Bachelor of Science in Finance	Alison S Whitman Tumaye Sertse Gessesse Claire J Haapala - Magna Cum Laude Nathan W Lajoie Brandon Michael Oja
Bachelor of Science in Forestry	Matthew John David Sanregret Karl Thomas Heinonen Claire Suzanne Hendricks - Cum Laude Laura Louise Tripp Khoury Amy Jean Walker Thor C Wardell
Bachelor of Science in Geological Engineering	George Thomas Wilson Virginia Lynn Cistaro - Cum Laude
Bachelor of Science in Management	Michele Marie Reaume Erica Austin Michael George Betz John Mang Bawi Lian - Cum Laude Marcel Zachary Mongeau Skyler Kim Nelson-Makuch Brent Thomas Palarz Kiersten Nicole Schmus
Bachelor of Science in Management Information Systems	Jiawei Zhang Brandon Franklin Bliss Elyott Richard Hedmark - Cum Laude Taylor Gordon Hedmark - Magna Cum Laude Amanda Cassidy Kloepfer - Cum Laude Anna Elizabeth Kubek
Bachelor of Science in Marketing	Jeffrey James Ford Courtney Lynn Meyer Franchesca Reed Priestap Samuel Craig Weckler
Bachelor of Science in Materials Science and Engineering	Andrew Patrick Boerman Lauren Amanda Borowicz Jacob Alan Coulson Craig Alan Ekstrum - Cum Laude Stuart Michael Liburd Katherine Ann Russell - Cum Laude
Bachelor of Science in Mathematics	Gemma Lynn Oliver Daniel John Stebic - Summa Cum Laude
Bachelor of Science in Mechanical Engineering	Jacob Ross Adams Frederick Gerald Aiken Dillon Craig Babcock - Summa Cum Laude Nicholas Bradley Balavich Helayna Ann Barrett Jason Edward Bell Isac Samuel Bench Eric R Benson Matthew Richard Bieti

## Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

Hunter Case Blakeslee  
Olivia Esther Bradford  
Matthew Colin Richard Breuer - Magna Cum Laude  
Nicholas Karlton Buday  
Noah Rinnie Curtis  
Landon Eric Davenport  
Alexander Paul Davis  
James Joseph Doherty  
Daniel Michael Donovan - Magna Cum Laude  
Donovan Eric Doran - Magna Cum Laude  
Stephen Douglas Drake  
Michael Richard Drogowski  
Max Andrew Ellingson - Cum Laude  
Edward Darell Elliott  
Austin Schuyler Evans  
Nathaniel J Evink  
David Raymond Eychaner - Cum Laude  
Tia Larae Fedor - Cum Laude  
Andrew Dare Finch - Cum Laude  
Troy Thomas Flugaur - Summa Cum Laude  
Jacob Andrew Frank\*  
Hannah Patricia Getschman  
Daniel C Gielda  
Benjamin H Giesler - Magna Cum Laude  
Leslie Ann Giesler - Summa Cum Laude  
Christopher Michael Grigsby  
Marcello Ciro Guadagno  
John Curtis Hamilton  
Mark Allen Hansen  
Rachel Lauren Hicks - Cum Laude  
Mattias Mark Hoehnen  
Ross Terrance Hogan - Summa Cum Laude  
Weiming Huang  
Ashley Lynn Hvidhyld  
Clare Therese Ivers  
Nicholas J Jensen - Magna Cum Laude  
Stephanie Renee Jewell  
Austin C Kastel  
David Menda Kazadi  
Austin Michael Krause  
Calvin Jacob Kraydich  
Sara Anne Kubsik  
Keenan John Kurtz - Cum Laude  
Stuart Michael Liburd  
Austin Allen Linder  
Eric Andrew Lipscomb  
Gina Alejandra Lozano Jalomo  
John Gerald-Lachlan Maclean

## Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
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Jacob Donald Majors  
Nicholas Clayton Mangus  
Andrew Christian Marnach  
Nicolas Alexander Martin  
David John McCole - Summa Cum Laude  
Nicholas Todd Moeggenborg - Magna Cum Laude  
Riley E Norkett  
Morgan Francis O'Brien  
Reese William O'Mara  
William Paul Omberg  
Kennedy K Oparka  
George Robert Patterson  
Kody A Pawlak - Cum Laude  
Xin Peng  
Trenton Remington Peters  
Brandon A Pietsch - Cum Laude  
Maria Victoria Quinde Serrano  
Gabriel M Raney  
Blake Thomas Salgat  
Benjamin Alan Schweikart  
Timothy Ernest Shawaryn - Cum Laude  
Alexander James Shively  
Alexander L Sieler  
Jakob Michael Spaulding  
Connor Johnstone Spence  
Brittany Nicole Stagman - Magna Cum Laude  
Zachary John Stanchina  
Alexander Louis Starzynski - Cum Laude  
John William Liscomb Stough - Magna Cum Laude  
Daniel John Tauchen  
Nate Matthew Tervo  
Brian Peter Torola  
Tyler John Urban  
James Hunter Van Linn  
Thomas Paul Walters - Cum Laude  
Michael Henry Warburton  
Sean Joseph Wentworth - Cum Laude  
Drew Stephen Wilkerson  
Nicole Erin Wilson  
Benjamin James Wolters  
Angela Mary Xydis  
Nicholas Edward Yanta - Magna Cum Laude  
Charles John Zanon  
Benjamin Michael Bogner  
Cody Jerome Caelwaerts  
Mitchell Gregory Carlson  
Alyssa K DePauw - Magna Cum Laude  
Devon Daniel DeVriendt

Bachelor of Science in Mechanical Engineering Technology

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

	Chrispin James Johnston
	Raymond Edward Miller
	Bradley James Ray
	Austin James Reynolds
	Cory John Rozeveld
	Austin James Smith
	Jack Robert Warning - Cum Laude
	Jordan Francis Zondlak
Bachelor of Science in Medical Laboratory Science	Kayla Anne Bates
	Stephanie Elizabeth O'Neill
	Holly Marie Wilmes
Bachelor of Science in Physics	Jonathon Edward Berman - Cum Laude
Bachelor of Science in Psychology	Elise Nicole Brehob
	Adam David Dodge
	Hali Dawn Evans - Magna Cum Laude
	Rose Catherine Hildebrandt - Summa Cum Laude
	Caden Jarvie Sumner
Bachelor of Science in Scientific and Technical Communication	Sidona Rose DeBrule
	Lindsey Jo Wells
Bachelor of Science in Social Sciences	Jessica Marie Berryman - Cum Laude
Bachelor of Science in Software Engineering	Hunter M Chambers
	Brandon Neil Froncek
	Joshua David Hansen
	Daniel Thomas Rutkowski - Summa Cum Laude
Bachelor of Science in Sports and Fitness Management	Shelby Rae Kellan
	Christopher Michael Luoma
	Ronald James Praet
	Nadine Shandelle Sikora
	Sydney Elizabeth Skalski - Magna Cum Laude
Bachelor of Science in Statistics	Kylie Lynn Huitema
Bachelor of Science in Surveying Engineering	Chad Edward Holdwick - Magna Cum Laude
Bachelor of Science in Wildlife Ecology and Management	Victoria Margaret Engler - Magna Cum Laude
	Nicholas Alexander Littlefield
	Peter Karl Pelon
	Tess Alexandra Peterson
	Samuel Taylor Wynsma
Doctor of Philosophy in Atmospheric Sciences	Corey David Packard
Doctor of Philosophy in Biological Sciences	Catherine Eileen Bammert
Doctor of Philosophy in Biomedical Engineering	Roger John Guillory
	Maria Paula Kwesiga
Doctor of Philosophy in Chemistry	Matthew Alfred Brege
Doctor of Philosophy in Civil Engineering	Siyu Chen
	Azad Heidari
	Lingyun You
Doctor of Philosophy in Computer Science	Jason Scott Hiebel
Doctor of Philosophy in Electrical Engineering	Khalid Yousuf Khan
	Wensheng Sun
	Hemanth Kumar Vemprala

## Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

Doctor of Philosophy in Engineering - Environmental Engineering	Padmalathika Varanasi
Doctor of Philosophy in Environmental and Energy Policy	Erin Michelle Burkett
	Mayra Sanchez Morgan
Doctor of Philosophy in Forest Science	Kelsey Richesin Carter
	Stefan Hupperts
	Robert Paul Richard
	Danielle L Rupp
Doctor of Philosophy in Industrial Heritage and Archaeology	Andrew Charles Mueller
Doctor of Philosophy in Mathematical Sciences	Ge Feng
	Ruihao Huang
Doctor of Philosophy in Mechanical Engineering - Engineering	Mohammed Abdelrahman Abdelaziz Desouky
	Hui Huang
	Jianyang Lyu
	William Angelo Pisani
	Kayla Lynn Riegner
	Zhuyong Yang
	Xiucheng Zhu
Doctor of Philosophy in Physics	Jinlin Zhang
	Qi Zhong
Doctor of Philosophy in Rhetoric, Theory and Culture	Wenjing Liu
Master of Business Administr. in Business Administration	Drew Edmond Randell
Master of Engineering in Engineering	Yu-Chun Chang*
Master of Forestry in Forestry	Elizabeth Montgomery Barnes
	Patrick John Diedrich
	Lauren S Kamp
	Jamal Anthony Palmer
	Ryan Douglas Warmboe
Master of Geographic Info Sci in Geographic Information Science	Sanna Jane Mairat
Master of Science in Accounting	Jodie Linn Dompier
	Alyssa Lynn Fredin
	Guibing Zhang
	Shasha Zhang
Master of Science in Applied Science Education	Janet S Lalonde
Master of Science in Biological Sciences	Sabha Salem M Alhewati
	Claire E Danielson
	Laura Grace Schaerer
Master of Science in Biomedical Engineering	Eyerusalem Addisu Gebreyesus
Master of Science in Civil Engineering	Shihao Chen
	Cameron Akira Koizumi
	Md Ashikur Rahman
Master of Science in Computer Science	Anil Silwal
Master of Science in Data Science	Prateek Kumar
	Prateek Sharma
	Nolan Robert Stoffer
	Yilin Wang
	Yifei Wu
Master of Science in Electrical Engineering	Austriya Thayamma Addanda Janardhan
	Prajakta Hanmant Chavan

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

	Derek Joseph Chopp
	Jayesh Jagdish Jahagirdar
	Nirav Manoj Kothari
	Dhaval Pravinkumar Nagare
	Sushma Panchangam
	Trevor Brendan Peffley
	Nimisha Rajput*
	Aashay Ajit Thatte
Master of Science in Environmental Engineering	Jessica Lynn Alger
	Anya Clare Leach
	Sarah Jo Martens
Master of Science in Environmental and Energy Policy	Sun Van Nguyen
Master of Science in Forest Ecology and Management	Rafia Rahman
Master of Science in Forest Molecular Genetics and Biotechnology	Munkaila Musah
Master of Science in Forestry	Laura Lea Burmann
Master of Science in Geology	Quelyn Rose Bekkering
	Thomas J Bodden
	Brandi Michelle Petryk
	Colin William Tyrrell
	Angela Wing Yin Yu
Master of Science in Geophysics	Adren Rigdon
	Daniel Brian Trekas
Master of Science in Health Informatics	Darcie-Alysia Deborah Day
	Ryan Higbie
	Carol Margaret Ways
Master of Science in Industrial Archaeology	Tyler Dean Allen
Master of Science in Kinesiology	Andrew Patrick Meverden
Master of Science in Materials Science and Engineering	Emily Christine Wolbeck
Master of Science in Mathematical Sciences	Zazil Santizo Huerta
	Fangyao Zhu
Master of Science in Mechanical Engineering	Sadaf Batool
	Shahab Bayani Ahangar
	Conor Thomas Berndt
	Alenna Janae Beroza
	Omkar Sudhakar Bhumkar
	Vishnu Prasad Varma Chirakkal Kovilakom
	Suyash Sanjay Deshpande
	Juned Bashir Inamdar
	Ninad Milind Joshi
	Raghav Khandelwal
	Micah Reed Koller
	Andrew Jacob Kotloski
	Saurabh Dattatrey Kulkarni
	Devika Dilip Mandge
	Chaitanya Modi
	Suraj Nair
	Priyadharshan Narendra Babu
	Chinmay Prakash Patil

# Formal Session of the Board of Trustees - Degrees in Course

Michigan Technological University  
Degrees Awarded for Conferral Term 201908

Master of Science in Rhetoric, Theory and Culture  
Master of Science in Statistics

Saravanan Rajuvel  
Niranjan Uday Raste  
Tyler Matthew Reno  
Shubham Dinesh Shinde  
Omkar Mahesh Shiyekar  
Shivam Srivastava  
Colton Joseph Wesoloski  
Andrew Darwyn Gray  
Hongjing Xie  
Shijia Yan

\*Addendum to conferral:

Jacob Frank degree awarded in term Summer 2019

Yu-Chun Chang, degree awarded in term Summer 2014

Nimisha Rajput, degree awarded in term Spring 2015

Michigan Technological University Registrar's Office January 28, 2020

**VII-C. RESIGNATIONS, RETIREMENTS, AND OFF PAYROLL**

Attached is a report of resignations, retirements and off payroll which has been approved by the Board Treasurer and are included for her convenience in recommending acceptance by the Board.

**RECOMMENDATION:** That the Board of Trustees accepts the resignations, retirements, and confirms the off-payroll determinations.

**BOARD OF TRUSTEES OFF-PAYROLL REPORT**  
(November 10, 2019 – January 25, 2020)

**RETIRED**

Name	Class	Department	Title	Most Recent Hire Date	Term Date
Ricky Ahola	Staff	Facilities Management	Building Mechanic II	09/25/1989	11/30/2019
John Daavettilla	Faculty	College of Business / Civil & Environmental Engineering	Associate Professor	08/29/1978	01/11/2020
Carol Frendewey	Staff	Vice President for Research	Sponsored Programs Analyst	09/15/2004	12/16/2019
Christopher Green	Staff	Keweenaw Research Center	Senior Research Engineer I	03/19/1990	01/03/2020
Valerie Holzberger	Staff	Institutional Equity	Associate Director	06/06/1983	01/06/2020
Alex Mayer	Faculty	Geological & Mining Engineering & Sciences / Civil & Environmental Engineering	Professor	09/03/1991	01/01/2020
Glenn Mroz	Faculty	College Forest Resources & Environmental Science	Professor	11/29/1976	01/01/2020
Carol Sickler	Staff	Financial Services & Operations	Office Assistant 5	02/12/2006	01/10/2020

**OFF-PAYROLL**

Name	Class	Department	Title	Most Recent Hire Date	Term Date
Jessica Apger	Staff	Residential Dining	Food Service Helper	03/12/2018	12/28/2019
Thomas Bauer	Staff	Facilities Management	Equipment Operator I	03/27/2017	12/14/2019
Shannon Brodeur	Staff	Human Resources	Employee Wellness Coordinator	09/22/2008	01/14/2020
Stacey Donnelly	Staff	Career Services	Administrative Aide 7	04/27/2015	12/28/2019
Michael Drewyor	Faculty	Civil & Environmental Engineering / College of Business	Professor of Practice	08/15/2011	01/10/2020
Katherine Edson	Staff	Van Pelt and Opie Library	Collections Librarian	01/16/2017	11/12/2019
Lisa Hitch	Staff	College of Engineering	Director of Administration	11/12/2007	12/16/2019
Courtney Hohnholt	Staff	Alumni Engagement	Administrative Aide 8	06/17/2019	12/02/2019
Lauren Kirwin	Staff	Center for Pre-College Outreach	Coordinator	01/16/2017	12/20/2019
Ann Kitalong-Will	Staff	College of Computing	Academic Advisor	08/28/2019	11/22/2019
Russell Louks	Faculty	College of Business	Professor of Practice	08/20/2012	12/31/2019
Lynn McKinstry	Staff	Facilities Management	Custodian	01/04/2016	12/03/2019
Kelsey Perrault	Staff	Biological Sciences	MLS Practicum Coordinator	05/29/2015	12/27/2019
Jason Rice	Staff	Jackson Center for Teaching & Learning	ELI Admin & Tutoring Center Coordinator	06/03/2019	12/20/2019
Laura Wiinikka	Staff	Chemical Engineering	Office Assistant 4	07/15/2019	01/24/2020

**VII-D. FUNDRAISING PRODUCTIVITY REPORT**

Attached is a fiscal year to date comparative report of gifts to Michigan Technological University and the Michigan Tech Fund.

**RECOMMENDATION:** That the Board of Trustees acknowledges the gifts to Michigan Technological University.

**Michigan Technological University**  
**Michigan Tech Fund**  
**Fundraising Productivity Report**  
 July 1, 2019 through December 31, 2019  
 Compared to Prior Year

Source	FY20 YTD Total	FY19 YTD Total	FY19 Total
Individuals - Major Gifts (25K and up)	2.31	1.53	7.09
Full Value New Planned Gift Commitments	6.63	2.06	14.69
Annual Giving	1.38	.65	2.76
Corporate Sponsored Research	5.34	3.61	14.75
Corporations	1.78	.55	1.73
Foundations & Other Organizations	.61	.10	1.58
Gifts-in-Kind	.53	.95	1.14
<b>Total</b>	<b>18.58</b>	<b>9.45</b>	<b>43.74</b>
Realized Planned Gifts	.15	1.14	3.20
<b>Grand Total</b>	<b>18.73</b>	<b>10.59</b>	<b>46.94</b>

- Except for Annual Giving, all totals include outright gifts and the full amount of new pledge commitments
- Annual Giving includes cash from prior year pledges in addition to outright current year gifts and new pledge commitments due current year
- An individual's gifts given through another source (i.e. family foundation or closely held business) are credited to the individual

**VIII. ACTION AND DISCUSSION ITEMS**

- A. Employee Recognition
- B. Proposal for a Bachelor of Science Degree in Human Biology
- C. Proposal for a Department of Applied Computing in College of Computing
- D. Proposed Board Policy 4.10: Privacy of Personnel Records
- E. Resolution of Professional Learning
- F. Proposed Amendment to Board Policy 8.6: Enrollment Deposit
- G. Proposed Amendment to Board Bylaw 1.14

### **VIII-A. EMPLOYEE RECOGNITION**

For our employees that have worked for Michigan Tech for 35 or more years and in recognition of their distinguished service and outstanding contributions to Michigan Tech, the Board would like to honor them with a resolution of appreciation.

**RECOMMENDATION:** That the Board of Trustees adopts the Resolution of Appreciation for the following individuals:

- 1.) John Daavettila – 41 years of service
- 2.) Valerie Holzberger – 36 years of service
- 3.) Glenn Mroz – 43 years of service
- 4.) William Tembreull – 43 years of service

## **VIII-B. PROPOSAL FOR A BACHELOR OF SCIENCE DEGREE IN HUMAN BIOLOGY**

The faculty in the Department of Biological Sciences, under the umbrella of the College of Sciences and Arts, seek to establish a Bachelor of Science Degree Program in Human Biology (SHB) degree. The objectives for this degree are to attract and retain students interested in human biology who seek a deeper understanding of fundamental sciences and the scientific method.

This new degree will provide students with a broad understanding of human biology from the chemical through organismal level, and how humans impact and interact with their surrounding environment. It is our mission to prepare human biology graduates to be resilient critical thinkers that are holistically prepared for hands-on contributions in educational, industry, research, and healthcare settings. It will also prepare graduates to be highly competitive for professional medical programs, traditional graduate education, or employment in positions including research, teaching, healthcare, and industry.

The proposal has been approved by the University Senate and the University administration. The University is seeking Board of Trustees approval to advance the proposal to the State Academic Affairs Officers.

**RECOMMENDATION:** The Board of Trustees approves the Bachelor's of Science Degree Program in Human Biology.

### **VIII-C. PROPOSAL FOR A DEPARTMENT OF APPLIED COMPUTING IN COLLEGE OF COMPUTING**

As part of the creation of the College of Computing July 1, 2019, the Computer Network and System Administration / Mechatronics, Electrical, and Robotics Engineering Technology / Health Informatics

(CMH) programs were housed under a new CMH Division. Faculty specializing in these areas are now part of this division. To further strengthen the College of Computing, by having two academic departments with distinct and complementary missions, the current division faculty as well as the current director are seeking approval for the creation of a new Department of Applied Computing within the College of Computing. The creation of this new Department of Applied Computing will give the unit a unique brand identity in Michigan and nationwide, creating a strong value proposition for prospective students. Approval of the Board of Trustees is required to form a new department at Michigan Technological University

**RECOMMENDATION:** The Board of Trustees approves the formation of a new Department of Applied Computing within the College of Computing.

#### **VIII-D. PROPOSED BOARD POLICY 4.10: PRIVACY OF PERSONNEL RECORDS**

To the extent permitted by law, Michigan Tech seeks to protect the privacy of its employees' personnel records. The University also seeks to protect the privacy of those who provide feedback as part of a review process. To that end, and in order to ensure that the process of conducting surveys to provide input into employee evaluations supports the goal of ongoing continuous improvement while honoring the needs to maintain collegial and respectful communications and protect the interests of students, faculty, staff, and the University as a whole, anonymous comments made as part of a survey related to employee performance may only be shared with the supervisor of the person being evaluated. In the case of evaluations of department chairs and deans, these comments will also be shared with the provost and president. Comments may only be shared further if necessary to address a violation of university codes of conduct or a violation of the law. This policy does not apply to instructor evaluations.

**RECOMMENDATION:** That the Board of Trustees adopt Board Policy 4.10 Privacy of Personnel Records.

## **VIII-E. PROFESSIONAL LEARNING**

In order to promote access to Michigan Technological University's educational offerings among a larger segment of Michigan's population and in support of the University's mission to support the industries of the state of Michigan, the University will allow for the equivalent of up to three credits of professional learning delivered by Michigan Tech to be applied toward the requirements of a Michigan Tech graduate certificate or degree. Per-participant charges for non-credit bearing professional learning offerings will be set by Michigan Tech through a process established by the president of Michigan Tech or their designee. The president of Michigan Tech or their designee must pre-approve any professional learning offerings for potential future application toward a graduate certificate or degree.

**RECOMMENDATION:** The Board of Trustees adopts the Resolution for Professional Learning

## VIII-F. PROPOSED AMENDMENT OF BOARD POLICY 8.6

Currently, incoming undergraduate students pay an enrollment deposit of \$100 to reserve their space for the following fall semester. This is 100% refundable until May 1 prior to that fall. When the students enroll, this \$100 is refunded back to them 150 days after leaving or graduating from Michigan Tech . We have determined that most students have no expectation that this deposit will be returned. In addition, recent changes in NACAC (admissions professional organization) governing principles, as mandated from the Department of Justice, now incite universities to adopt deposit policies that will better reflect prospective student true destination intent. Increasing the enrollment deposit and disallowing a refund will help meet this goal. Accordingly, our intention is to pursue changes to this policy to increase the deposit to \$200 and make it non-refundable.

Per the Office of Institutional Research, this change will not impact tuition/fee reporting to the State. And as many of our competitors maintain a non-refundable enrollment deposit of \$200 or more, we will still hold a competitive edge in this area (benchmark data is available).

Resources generated from this change will be directed toward further increasing the recruitment capacity of the institution.

The current version of Board Policy 8.6 with redlined changes is below:

### 8.6 ~~Continuing~~ Enrollment Deposit

All full-time and/or degree seeking undergraduate students are required to pay a ~~\$100~~ ~~200 non-refundable~~ ~~continuing~~ enrollment deposit, ~~refundable within 150 days of leaving the University.~~

~~The deposit will be forfeited when a new student fails to enroll except, when in the judgment of the Registrar, the failure to enroll was beyond the control of the student.~~

~~Unpaid charges such as library fines, traffic fines, lab deposits, and other fines and penalties to the University, shall be deducted from the refund of the deposit.~~

The full proposed amended Board Policy 8.6 is as follows:

### **Board Policy 8.6. Enrollment Deposit**

All full time and/or degree seeking undergraduate students are required to pay a \$200 non-refundable enrollment deposit.

**RECOMMENDATION:** That the Board of Trustees approves the amendment to Board Policy 8.6.

## VIII-G. PROPOSED AMENDMENT OF BOARD BYLAW 1.14

Under current Board Bylaw 1.14, individuals who wish to address the Board of Trustees on Board-related business need to file their intent to do so with the Secretary of the Board ten (10) business days in advance of the proposed meeting date. The Secretary to the Board endeavors to post the agenda for each Board meeting two (2) weeks in advance of the meeting. However, as reporting is often just being completed, it is not possible to consistently post the Board agenda more than two weeks in advance. Two weeks prior to a Board meeting is typically equivalent to ten (10) business days. As such, Michigan Tech is currently asking members of the public to notify the Secretary to the Board of their desire to speak on the same day that the agenda is posted. As a matter of courtesy and practicality, our intention is to change this bylaw to permit the public to review the agenda prior to the deadline to notify the Secretary of their intent to comment on Board-related business.

The current version of Board Bylaw 1.14 with red-lined changes is below:

### 1.14 Addressing the Board of Trustees

Any individual who wishes to address the Board of Trustees on Board-related business will file such intent with the Secretary of the Board ~~ten~~ five (5) business days prior to the posted meeting date, unless special or unusual circumstances prevent such filing. The essence of the statement will be in writing and properly signed by the individual wishing to address the Board. Oral presentations will be limited to five (5) minutes unless previous arrangements have been made. No more than thirty (30) minutes shall be allocated on the agenda of each regular meeting of the Board of Trustees for such presentations. At each regular Board of Trustees meeting a maximum of fifteen (15) minutes shall be reserved for comments from the public. Each individual will be restricted to a maximum of three (3) minutes for his/her presentation.

The full proposed amended Board Bylaw 1.14 is as follows:

### 1.14 Addressing the Board of Trustees

Any individual who wishes to address the Board of Trustees on Board-related business will file such intent with the Secretary of the Board five (5) business days prior to the posted meeting date, unless special or unusual circumstances prevent such filing. The essence of the statement will be in writing and properly signed by the individual wishing to address the Board. Oral presentations will be limited to five (5) minutes unless previous arrangements have been made. No more than thirty (30) minutes shall be allocated on the agenda of each regular meeting of the Board of Trustees for such presentations. At each regular Board of Trustees meeting a maximum of fifteen (15) minutes shall be reserved for comments from the public. Each individual will be restricted to a maximum of three (3) minutes for his/her presentation.

**RECOMMENDATION:** That the Board of Trustees approves the amendment to Board Bylaw 1.14.

**IX. REPORTS**

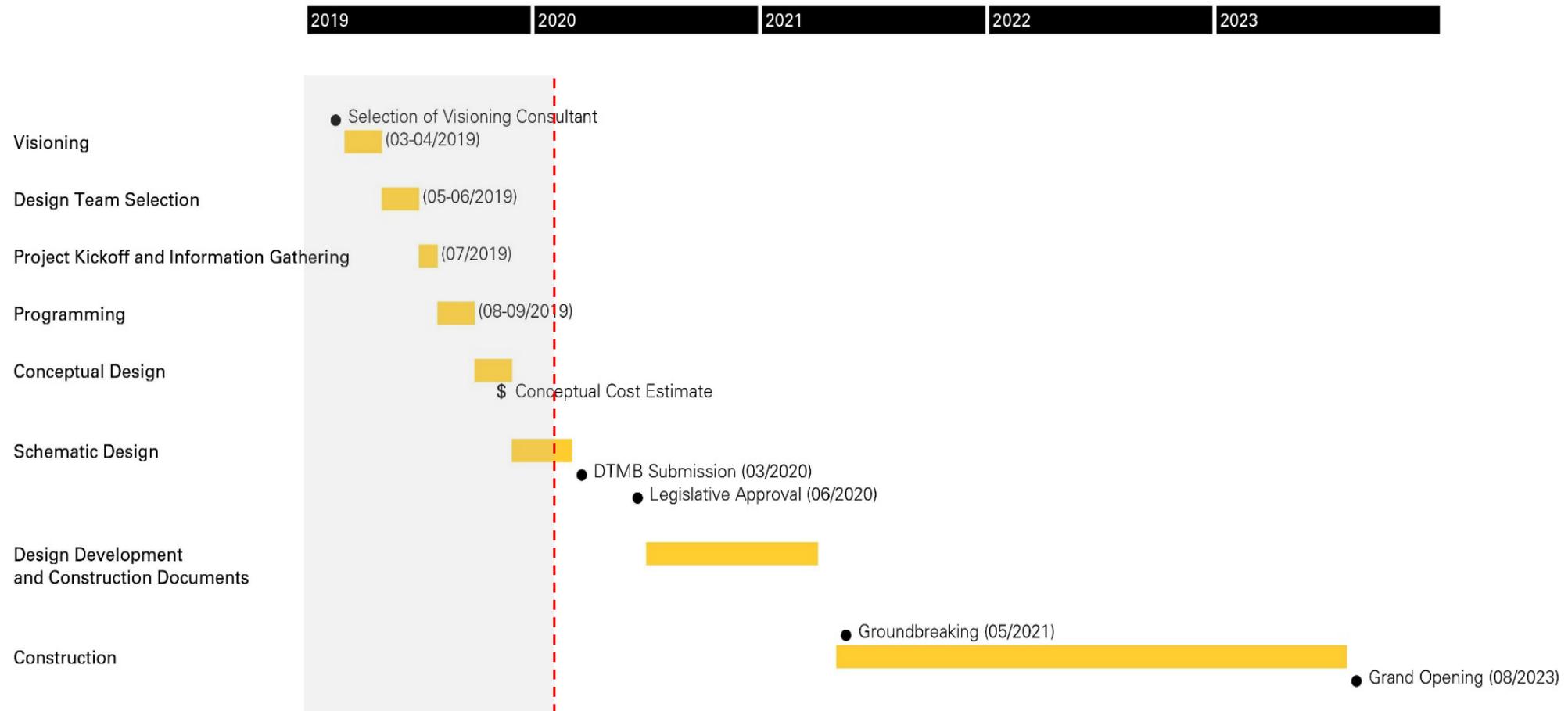
- A. H-Stem Building Progress Report - Mike Abbott and Jake Guter
- B. Enterprise Program Turns 20! – Rick Berkey
- B. Undergraduate Student Government – Melanie Thomas, President
- C. Graduate Student Government – Apurva Baruah, President
- D. University Senate – Michael Mullens, President

**IX-A. H-STEM BUILDING PROJECT UPDATE**

Michael Abbott, Director H-STEM Planning and Operations  
Jake Guter, Assistant Director, Planning & ConstructionA

# H-STEM Engineering and Health Technologies Complex Board of Trustees Presentation





# FIRST FLOOR



### Legend

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
- DEPARTMENT OFFICE
- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT

HED

# SECOND FLOOR



**Legend**

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
- DEPARTMENT OFFICE
- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT



# THIRD FLOOR

12 11 10.1 10 9.1 9 8.1 8 7 6 5 4.1 4 3.1 3.2.1 2 1.1 1



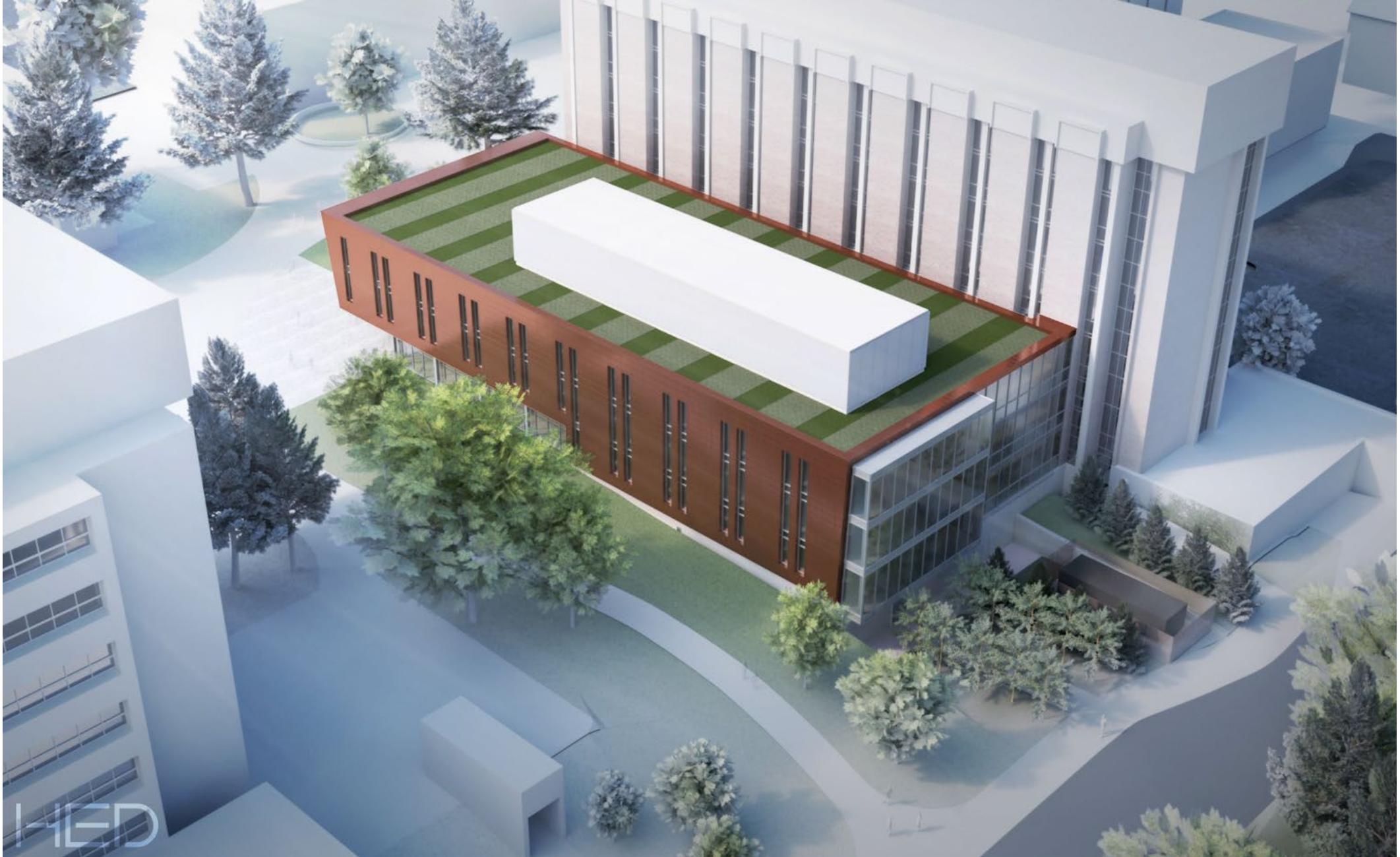
### Legend

- CIRCULATION
- COLLABORATION
- COLLABORATION CIRC
- DEPARTMENT OFFICE
- FACULTY
- GRAD CIRC.
- GRADUATE STUDENTS
- LAB SUPPORT
- RESEARCH
- SUPPORT





HED



I-ED





I-HED

**Michigan Technological** University

2/28/2020

H-STEM



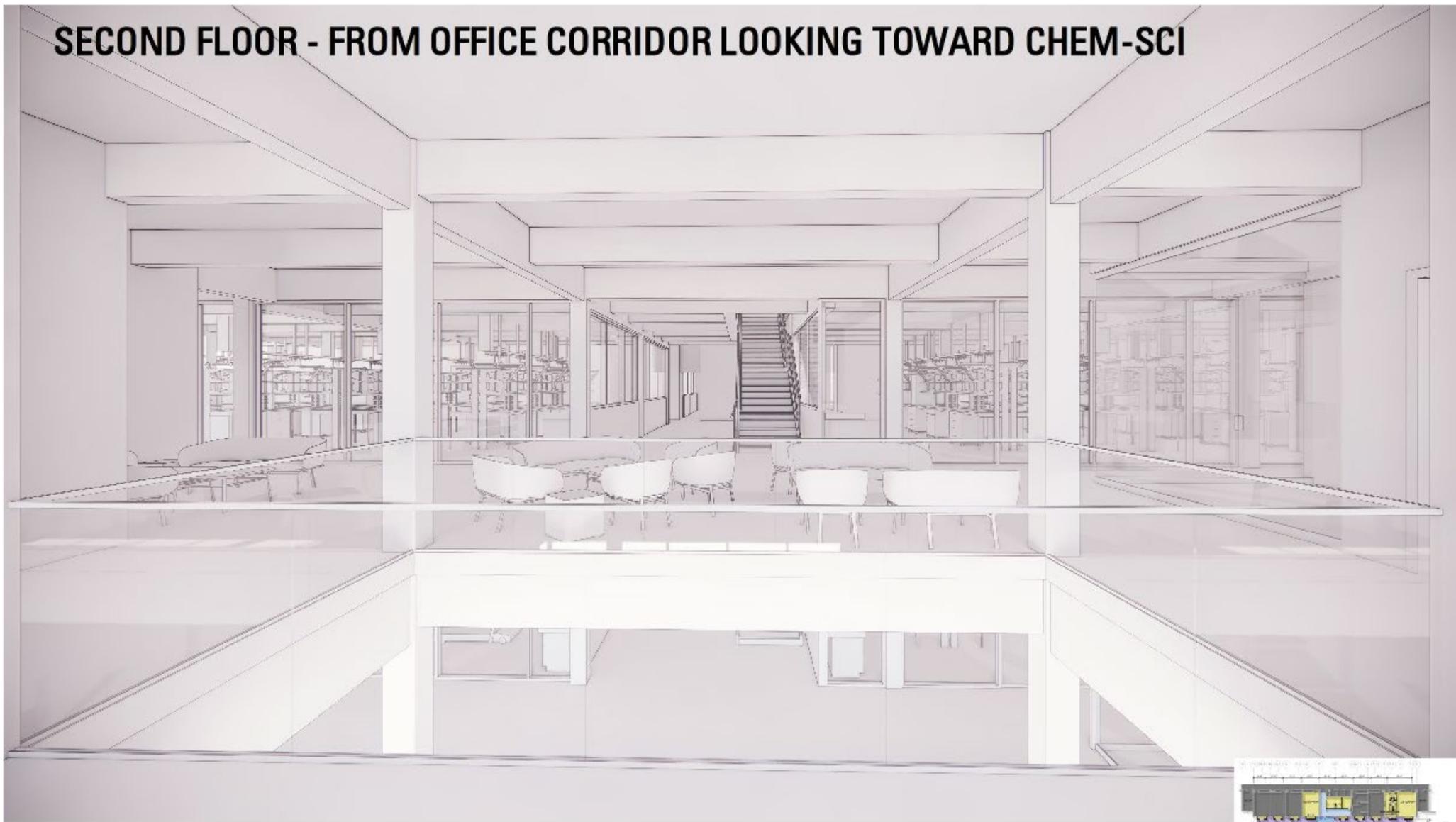
# SECOND FLOOR – FROM OFFICE CORRIDOR LOOKING TOWARD COLLABORATION



HED



# SECOND FLOOR - FROM OFFICE CORRIDOR LOOKING TOWARD CHEM-SCI



HED

Michigan Technological University

2/28/2020



H-STEM



# SECOND FLOOR – FROM EXISTING CHEM-SCI LOOKING EAST



HED

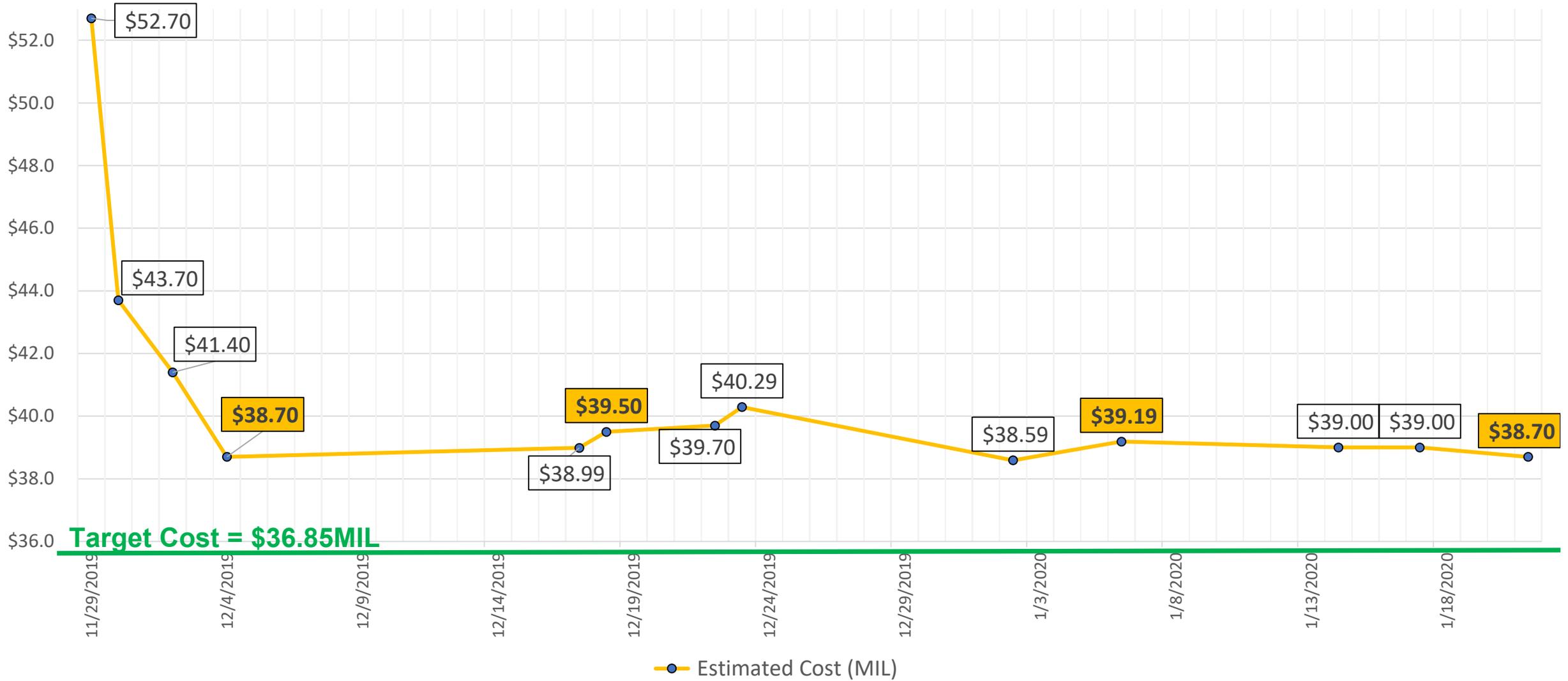
Michigan Technological University

2/28/2020

H-STEM



MTU H-STEM  
Estimated Total Cost Trend  
January 21, 2020



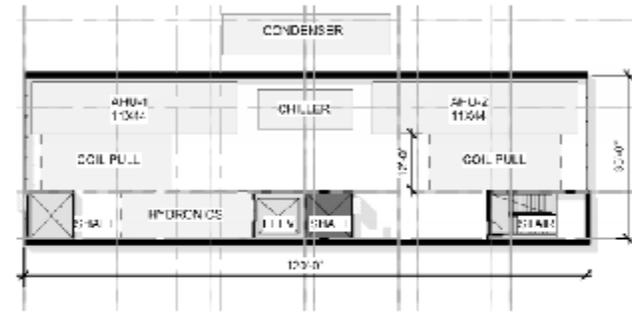
**Target Cost = \$36.85MIL**

# Update – 1/22/2020



↓ Penthouse Layout - 1/14

- N stairs eliminated
- Footprint reduced



↓ Steel – 1/17

- Reduced PSF requirements based on vibration clarifications

<b>Addition SF</b>	<b>62,135 SF</b>
<b>Reno SF</b>	<b>10,865 SF</b>
<b>Total Cost</b>	<b>\$38.7 MIL</b> ↓
<b>Total \$/SF</b>	<b>\$530 / SF</b>
<b>Target Cost</b>	<b>\$36.85 MIL</b>

*(updated owner budget review Jan. 22)*



**IX-B. ENTERPRISE PROGRAM TURNS 20!**

Rick Berkey, Director of Enterprise Program



# Enterprise Program 20<sup>th</sup> Anniversary

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Board of Trustees Meeting  
28-February 2020

Rick Berkey  
Professor of Practice  
Director, The Enterprise Program

Pavlis  
Honors  
College

**Michigan  
Technological  
University**

# Outline

- Enterprise History, Mission
- Program Structure
- Enterprise Portfolio & Team Highlights
- External Support
- Impact & ROI
- The Next 20 Years
- Design Expo 2020
- Questions?



# 1998: History in the Making

*Enablers for the creation of a forward-thinking, interdisciplinary educational program we call Enterprise*

## 1. Industry need

- Graduates with technical capability PLUS...

## 2. NSF support

- 3 year, \$750k grant w/ \$750k match
- Interdisciplinary collaboration among engineering, business, humanities

## 3. Higher education paradigm shift

- From 'what is taught' to 'what is learned' (ABET)



# Enterprise Mission

*Enterprise provides students of any major an environment in which to develop **disciplinary, professional, and entrepreneurial** skills, through the application of knowledge and interests, to client-sponsored, multi-disciplinary, team-based projects.*



# Program Design

1st Year  
ENT 1960

2nd Year  
ENT 2950/60

3rd Year  
ENT 3950/60

4th Year  
ENT 4950/60

Graduate  
ENT 5950/60

## < Project work

*an "employee" of the enterprise  
(1-2 credits per semester)*



## Course modules >

*Personalized "employee" development  
(1-2 credits each)*

## Enterprise Instructional Modules

### Technical/Professional Topics

- Alternative Energy
- Design for Manufacturing
- Continuous Improvement
- Industrial Health and Safety
- Six Sigma

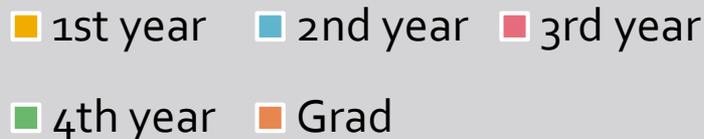
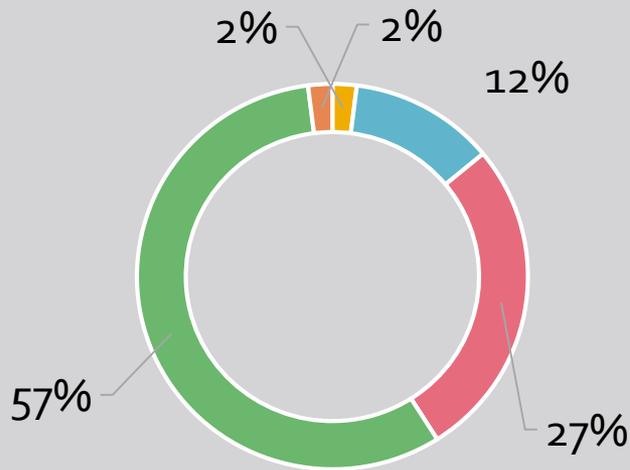
### Business/Innovation Topics

- Global Competition
- Marketing
- Project Management
- Ideation/Human Centered Design
- Lean Start-up
- Finance & Budget

### Interpersonal Topics

- Teaming
- Communication
- Strategic Leadership
- Ethics
- Personal Brand Management
- 7 Habits of Highly Effective People

# A "Typical" Enterprise



Each enterprise is a permanent organization that works with internal and external stakeholders to:

- Discover, develop, and evaluate solutions to meet client needs
- Manage multiple projects, schedules, and budgets
- Recruit, develop, and retain members



# Portfolio & Team Highlights

## Communications



## Human Health & Interface



## Software, Electronics, Computers, & Robotics



Husky Game Development



## Environment



## Vehicle Design & Transportation

veloVations



## Technology



## Materials & Manufacturing



CPM  
CONSUMER PRODUCT MANUFACTURING



# Broad External Support



FIAT CHRYSLER AUTOMOBILES



# Program Impact

## Annual Impact >>



## << Program Lifetime



# In our graduates' words...

"When I see enterprise on a resume I see someone who is passionate about their major and is **taking full advantage of the opportunities MTU has to offer.**"

"The enterprise program is something that I will always remember since it was my first **stepping stone in my engineering career.** It's where I learned that working as a team to create something can be an amazing thing. I learned key things in life like **communication, contribution and putting the extra effort to get the job done.**"

"Enterprise set me up to **succeed at grad school** and made me more capable to perform my thesis research. The real problem solving and engineering experience was incredibly valuable when approaching a new problem."

"Hands down the **best decision I ever made.** It prepared me to be the professional that I am today. If I could do it all over again, I would."



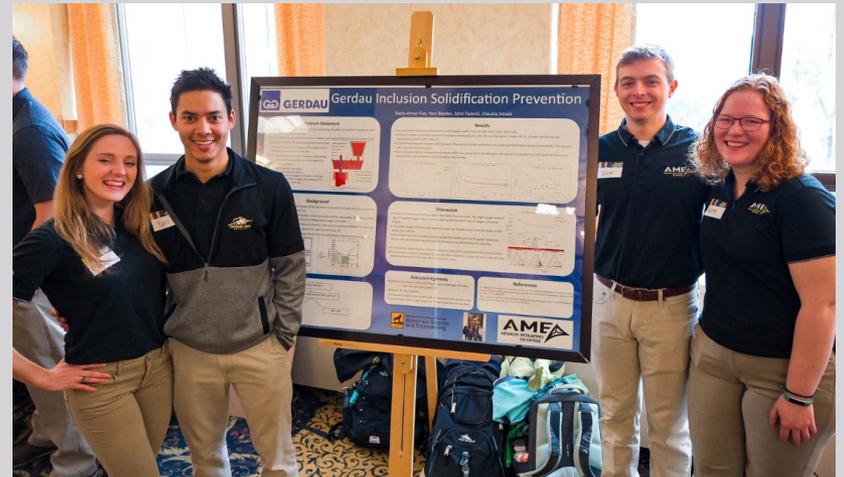
# 'Enterprise Turns 40': A Vision for the Future



# Reminder: 2020 Design Expo!



- Our annual showcase event
- MUB Ballroom, April 16, 8-4pm
- By the numbers: 24 enterprises, 50+ Senior Design teams, 1000+ students, 100 judges, >\$2,000 in student awards!



# Questions



# Thank You!



**IX-C. UNDERGRADUTATE STUDENT GOVERNMENT**

Melanie Thomas, President

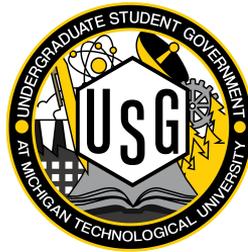
# Undergraduate Student Government (USG) Update

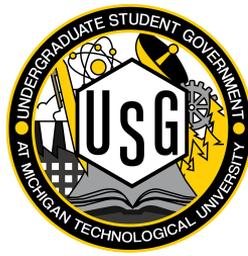
February 28, 2020

Melanie Thomas, USG President



Michigan  
Technological  
University



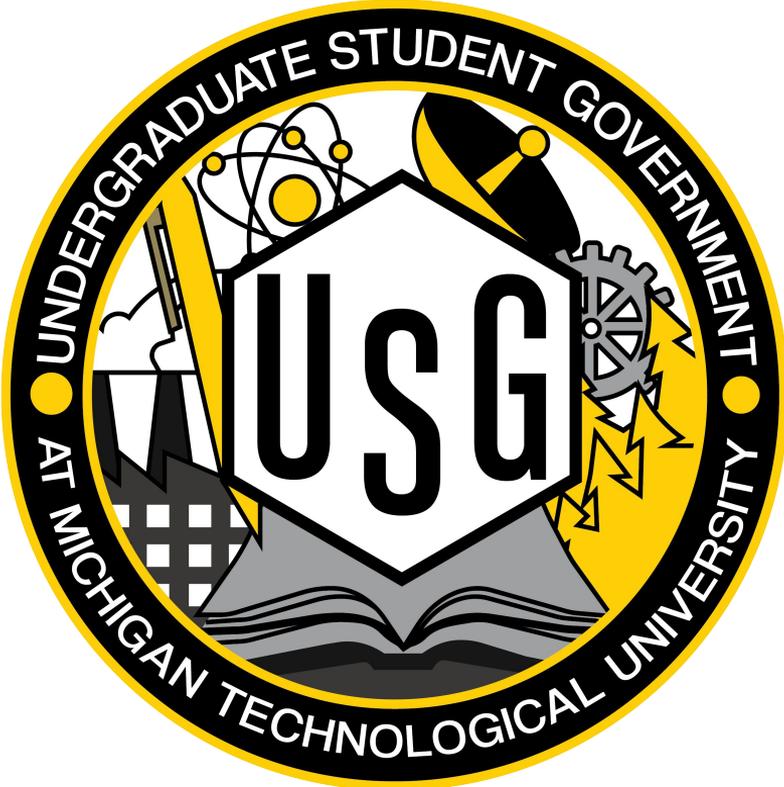


# Agenda

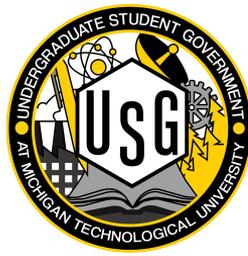
- New Logo and Crest
- Undergraduate Student Updates and Communication
- Registered Student Organization (RSO) Budget Hearings and Special Budgetary Group (SBG) Review
- The Cycle Project
- Campus Wide Committee Work
- Future Projects and Endeavors



# New Logo and Crest



Undergraduate  
Student Government  
*At Michigan Tech*



# Undergraduate Student Updates and Communication

- Goal of the email was to inform undergraduate students of the work USG has been doing
- Main Items Covered in the Email
  - Mitch's Misfits Missing Items
  - Digitizing Ways and Means (WAM) documents for increased accountability
  - Non-Motorized Transportation Committee
  - Mid Fall Semester Break
  - Pop-Up Office Hours
  - New USG Logo
  - Conferences Attended
  - Winter Carnival Activities
  - Registered Student Organization Budget Hearings



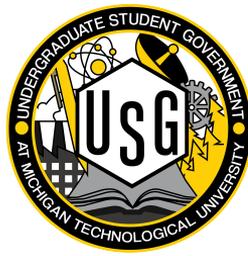
# Registered Student Organization (RSO) Budget Hearings and Special Budgetary Group (SBG) Reviews

## Registered Student Organization (RSO) Budget Hearings

- Goal- to allocate fair budgets to student organizations across campus
- February 27th - March 1st
- Student Organizations Across Campus
  - MTU is home to over 400 student organizations
    - 247 active
      - 19 Greek, 57 Club Sports, 51 Academic, 7 faith-based, 16 honor societies
    - 12 have been approved since 2019
    - 13 more organizations are in the process of registration

## Special Budgetary Group (SBG) Reviews

- 6 organizations reviewed
  - Film Board- SBG Status Granted
  - MUB- SBG Status Granted
  - The Lode- SBG Status Granted
  - WMTU- SBG Status Granted
  - SLS- SBG Status Granted
  - Pep Band- SBG Status Denied
- Committee
  - USG Executive Board
  - 2 USG Members
  - Panhellenic Council President
  - Interfraternity Council VP of Administration



# The Cycle Project

- Initiative to provide menstrual products on campus
- Efforts spearheaded by College of Engineering representative, Bryce Walbrun
  - Obtained 2 pallets of liners, equating to approximately 92,100 liners from Kimberly Clark
- Future Endeavors
  - Increase marketing and awareness on campus
  - Set up partnerships to keep the program sustainable

**THE CYCLE PROJECT**

**TAKE WHAT YOU NEED. LEAVE WHAT YOU CAN.**

Please take what you need from the basket.  
If you are able, leave a pad or tampon for those  
who may find themselves in need  
of a menstrual product.

For more information please contact  
[usg@mtu.edu](mailto:usg@mtu.edu)

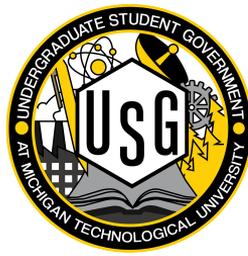


**MADE POSSIBLE BY GENEROUS DONATIONS  
FROM KIMBERLY CLARK**

**USG** Undergraduate Student Government  
At Michigan Tech

**WLC**  
Women's Leadership Council

Michigan Tech is an EOE which includes protected veterans and individuals with disabilities.



# Campus Wide Committee Work

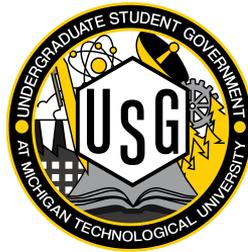
- Experience Tech Fee
  - Looking to positively influence the student body's student experience
- Non Motorized Transportation
  - Plan to survey Michigan Tech Community for Non Motorized Transportation needs and structure campus accordingly
- Commencement 2.0
- JED Campus
- Director of the Library Search
- H-STEM Project
- Diversity
- HIDE Voting Booth



# Thank You!



Michigan  
Technological  
University



**IX-D. GRADUTATE STUDENT GOVERNMENT**

Nathan Ford, President-elect and Daniel Byrne, Vice President



**Advocacy • Enrichment • Community**



# **Graduate Student Government of Michigan Tech**

**Nathan Ford and Daniel Byrne**

February 28 2020

**Board of Trustees**  
Michigan Technological University



# Agenda

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- **Spring'20 activities**
- **Travel Grant report**
- **Advocacy**
  - **Tams for Graduating PhDs**
  - **Cost of Living survey**
  - **Graduate student support package**
  - **Experience Tech fee**



# Involvement

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- **JED Campus initiative**
- **Non-motorised transportation group**
- **Extended hours on-campus food options**
- **Commencement 2.0**
- **Search committees**



# Enrichment & Collaboration

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## Professional Development Workshops / Academic Seminars

**Career Fair Prep Session**

**Innovation and Entrepreneurship**

**Creating a professional online  
persona**

**Programming for Research in R**

## Graduate Research Colloquium (GRC)

- Oral and poster presentations - March 31 and April 1.
- Graduate Awards Banquet - evening of April 1.
  - Awards presented - Graduate School awards, GSG awards and GRC presentation awards.



# Travel Grants

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## Travel Grant Stats (as of Feb 2)

- **Total Applications : 148 (PhD - 97, MS - 51)**
  - **Presenting - 114 (PhD - 81, MS - 33)**
  - **Attending - 34 (PhD - 16, MS - 18)**
  
- **Total amount - \$33,600**
  - **Presenting - \$28,500 @ \$250/student** (~\$21000 already disbursed)
  - **Attending - \$5,100 @ \$150/student** (~\$2200 already disbursed)



# Advocacy

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→ Tams for Graduating PhDs



→ Cost of Living survey

- 180 responses
- Post-processing work-in-process (as of Feb 2)

→ Graduate student support package

- Stipend & Insurance subsidy for GTA/GTI/GRAs

→ Experience Tech Fee



# Advocacy • Enrichment • Community

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**Thank You!!**

**IX-E. UNIVERSITY SENATE**

Michael Mullins, President

# SPRING 2020 SENATE REVIEW

# SENATE APPROVED PROPOSALS

- Proposal 1-20: Ad-Hoc Committee on Senate Meeting Time and Length
- Proposal 3-20: Recommendation: The School of Forest Resources and Environmental Science requests to Transition to a College
- Proposal 4-20: Recommendation: The School of Business and Economics requests to Transition to a College, “The College of Business”
- Proposal 5-20: University Senate in New Employee Orientation
- Resolution 7-20: Emergency Resolution: Sense of the Senate to Condemn Hate Speech, Hate Crimes, and Ethnically and Racially Motivated Intolerance
- Proposal 8-20: Restructuring of Professional Staff in the University Senate
- Resolution 9-20: Senate Resolution on the State of Compensation at Michigan Technological University
- Proposal 2-20: Proposal for a new Bachelor of Science degree in Mathematics and Computer Science
- Proposal 10-20: Establishment of a New Graduate Certificate in Accounting Analytics
- Proposal 11-20: Establishment of a New Graduate Certificate in Forensic Accounting
- Proposal 12-20: Proposal for an Undergraduate Minor in Pre-Health Professions

## SENATE APPROVED PROPOSALS CONT.

- Proposal 16-20: Proposal for Transparency in Employee Parking Permit Fees and Transportation Operations Planning
- Proposal 17-20: Senate Resolution on Promoting and Facilitating Tolerance and Understanding at Michigan Technological University
- Proposal 18-20: Proposal to Examine the University Defined Contribution Plan
- Proposal 19-20: Senate Proposal on Campus Security and Safety at Michigan Technological University

## PENDING PROPOSALS

- Proposal 6-20: Supervisor Training
- Proposal 20-20: Proposal for a Bachelor of Science Degree Program in Human Biology
- Proposal 21-20: Proposal for Minor in Public Health
- Proposal 22-20: Minor in Financial Technology
- Proposal 23-20: Proposal to Change Concentration Title from “Law and Society” to “Policy, Law and Society”
- Proposal 24-20: Proposal for a Bachelor of Science Degree Program in Ecology and Evolutionary Biology
- Proposal 25-20: Bachelor of Science in Robotics Engineering
- Proposal 26-20: Proposal for Minor in the Business of Forestry
- Proposal 27-20: Proposal to Update Senate Procedure 504.1.1: Teaching Effectiveness Evaluations
- Proposal 28-20: Recommendation: The College of Computing requests to establish a Department of Applied Computing

## UPCOMING BUSINESS

- Administrative evaluation survey
- Updated proposal on lecturer/research track sabbaticals
- Grant proposal for textbooks and course material accessibility
- On-line course, summer, and overload compensation

# Impact of faculty size

- While many areas of Michigan Tech have grown enormously, tenure track/tenured faculty numbers have remained stagnant for many years.
- Non-tenured faculty numbers (including librarians/archivists) have increased slowly.
- Current faculty workloads of teaching, research, and service already have many departments working with overloads.
- To meet the university's ambitious enrollment and research goals a substantial increase in faculty is needed.
- What is the proper balance of tenure track and tenured to untenured faculty ratio (80/20)?
- Only 3 of 131 Carnegie research I universities have fewer/similar) tenure track and tenured faculty numbers.

AY	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Tenured/tenure track	329	342	354	348	336	339	341	337	341	326
Non-tenured faculty	57	58	555	56	57	65	68	70	74	88

Compendium numbers

**X. INFORMATION ITEMS**

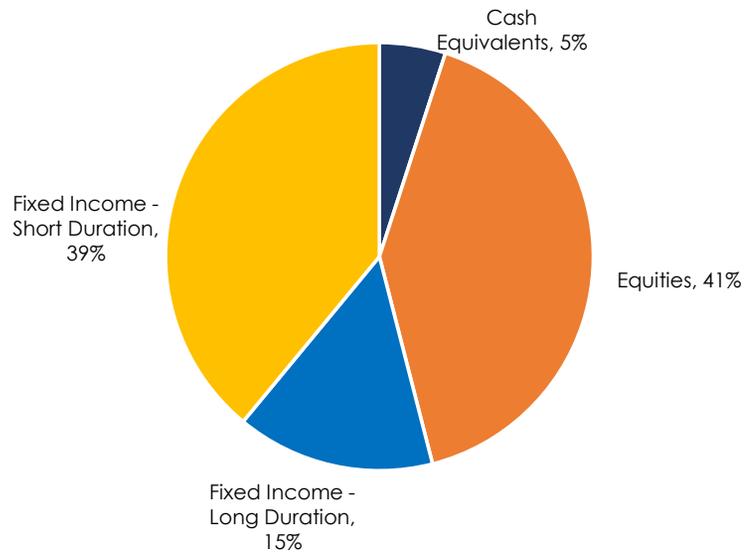
- A. Analysis of Investments
- B. Research & Sponsored Programs
- C. Advancement & Alumni Relations
- D. Media Coverage
- E. Employee Safety Statistics

**X-A. ANALYSIS OF INVESTMENTS**

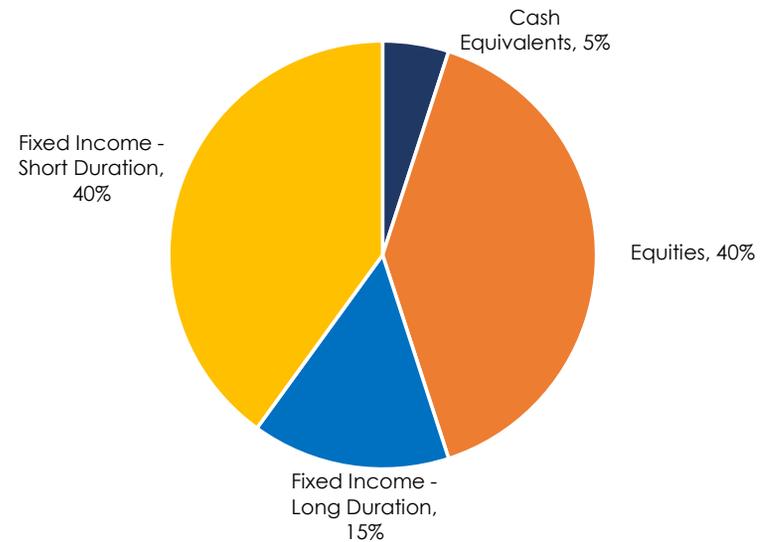
**MICHIGAN TECH UNIVERSITY  
INVESTMENT PORTFOLIO  
JUNE 30, 2019 THROUGH DECEMBER 31, 2019**

	Market Value 6/30/2019	Market Value 12/31/2019	Fiscal-Year Investment Return	Benchmark Return	Benchmark
Money Market Fund	\$ 2,172,599	\$ 1,923,528	0.95%	0.98%	ICE BofA Merrill Lynch US T-Bill Index
Equity Funds:					
Core Equity Fund	9,503,043	10,084,102	9.10%	10.92%	S&P 500
Commonfund Strategic Solutions Equity Fund	5,787,008	6,005,560	7.08%	10.92%	S&P 500
Total Equity Funds	15,290,051	16,089,662			
Fixed Income Funds:					
Intermediate Term Fund	7,239,252	7,739,411	0.99%	1.10%	ICE BofA Merrill Lynch 1-3 Yr Treasury
Commonfund Contingent Asset Portfolio	7,383,558	7,731,175	0.97%	1.10%	ICE BofA Merrill Lynch 1-3 Yr Treasury
High Quality Bond Fund	5,685,866	5,831,999	2.41%	2.45%	Bloomberg Barclays US Aggregate Bond Index
Total Fixed Income Funds	20,308,676	21,302,585			
<b>Total</b>	<b>\$ 37,771,326</b>	<b>\$ 39,315,775</b>	<b>4.15%</b>		

Current Asset Allocation



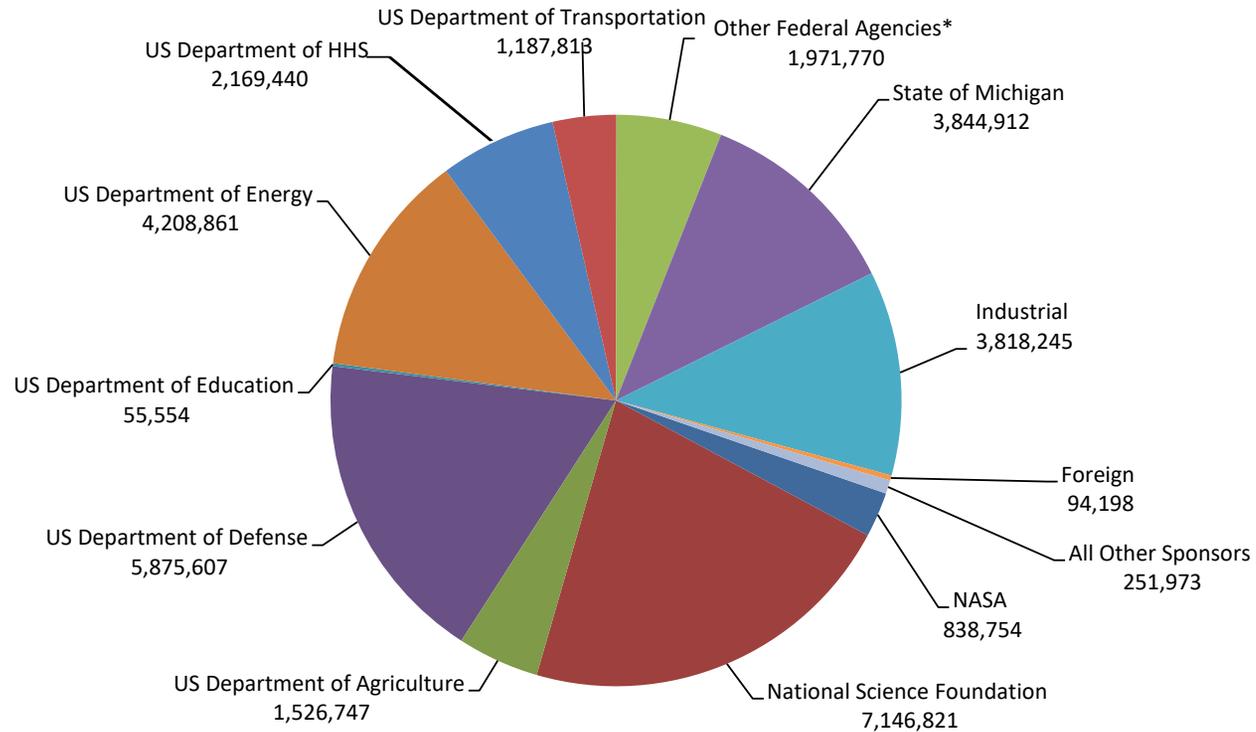
Target Asset Allocation



**X-B. RESEARCH AND SPONSORED PROGRAMS**

## Formal Session of the Board of Trustees - Research and Sponsored Programs

**Sponsored Awards  
Fiscal Year 2020  
2nd Quarter  
Ended Dec. 31, 2019  
TOTAL: \$34,637,180**



**Pre-Proposals Submitted**  
*(excluded from Proposals Submitted figures below)*

**FYTD 2019: 35**  
**FYTD 2020: 28**

Sponsor	Proposals Submitted		Awards Received		Awards Received (\$)		Variance \$	Variance %
	FY '20 as of 12/31	FY '19 as of 12/31	FY '20 as of 12/31	FY '19 as of 12/31	FY '20 as of 12/31	FY '19 as of 12/31		
NASA	34	38	29	33	838,754	3,788,318	-2,949,564	-77.9%
National Science Foundation	75	83	37	31	7,146,821	6,281,693	865,128	13.8%
US Department of Agriculture	31	46	29	26	1,526,747	776,633	750,114	96.6%
US Department of Defense	53	64	47	55	5,875,607	5,964,597	-88,990	-1.5%
US Department of Education	2	3	2	2	55,554	74,732	-19,178	-25.7%
US Department of Energy	23	21	14	8	4,208,861	839,276	3,369,585	401.5%
US Department of HHS	21	21	7	2	2,169,440	814,721	1,354,719	166.3%
US Department of Transportation	4	11	7	7	1,187,813	977,044	210,769	21.6%
Other Federal Agencies*	21	20	26	27	1,971,770	2,572,300	-600,530	-23.3%
<b>Federal Agency Total</b>	<b>264</b>	<b>307</b>	<b>198</b>	<b>191</b>	<b>24,981,367</b>	<b>22,089,314</b>	<b>2,892,053</b>	<b>13.1%</b>
State of Michigan	28	32	16	15	3,844,912	894,098	2,950,814	330.0%
Industrial	115	155	82	111	3,818,245	4,930,406	-1,112,161	-22.6%
Foreign	13	11	7	10	94,198	206,522	-112,324	-54.4%
All Other Sponsors	52	40	25	29	251,973	669,101	-417,128	-62.3%
<b>Subtotal</b>	<b>472</b>	<b>545</b>	<b>328</b>	<b>356</b>	<b>32,990,695</b>	<b>28,789,441</b>	<b>4,201,254</b>	<b>14.6%</b>
Gifts**	N/A	N/A	133	149	1,638,114	1,595,244	42,870	2.7%
Crowd Funding	N/A	N/A	10	6	8,371	21,839	-13,468	-61.7%
<b>Grand Total</b>	<b>472</b>	<b>545</b>	<b>471</b>	<b>511</b>	<b>34,637,180</b>	<b>30,406,524</b>	<b>\$4,230,656</b>	<b>13.9%</b>

\* US Dept of the Interior, US Dept of Commerce, National Endowments for the Arts & Humanities, US Environmental Protection Agency, US Dept of Labor, Office of the Director of National Intelligence, US Dept of Homeland Security

\*\*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.

# Formal Session of the Board of Trustees - Research and Sponsored Programs

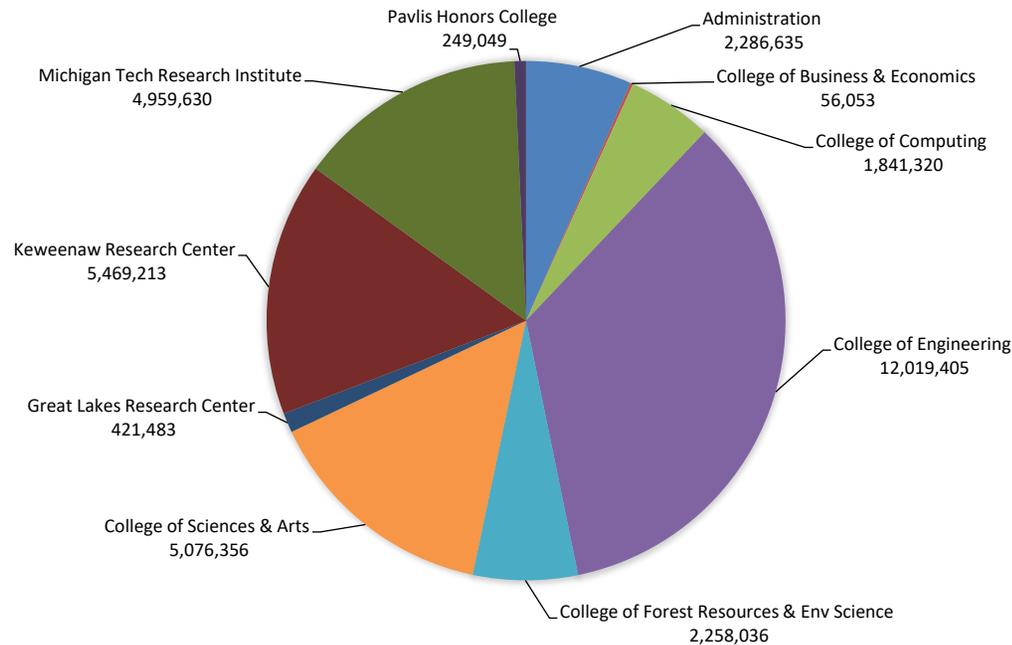
**Vice President for Research  
Fiscal Year 2020  
2nd Quarter  
Ended Dec 31, 2019**

**TOTAL: \$34,637,180**

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

**Submitting Proposals  
since 07/01/2019  
56.0%**

**On Active Projects  
as of 12/31/2019  
60.4%**



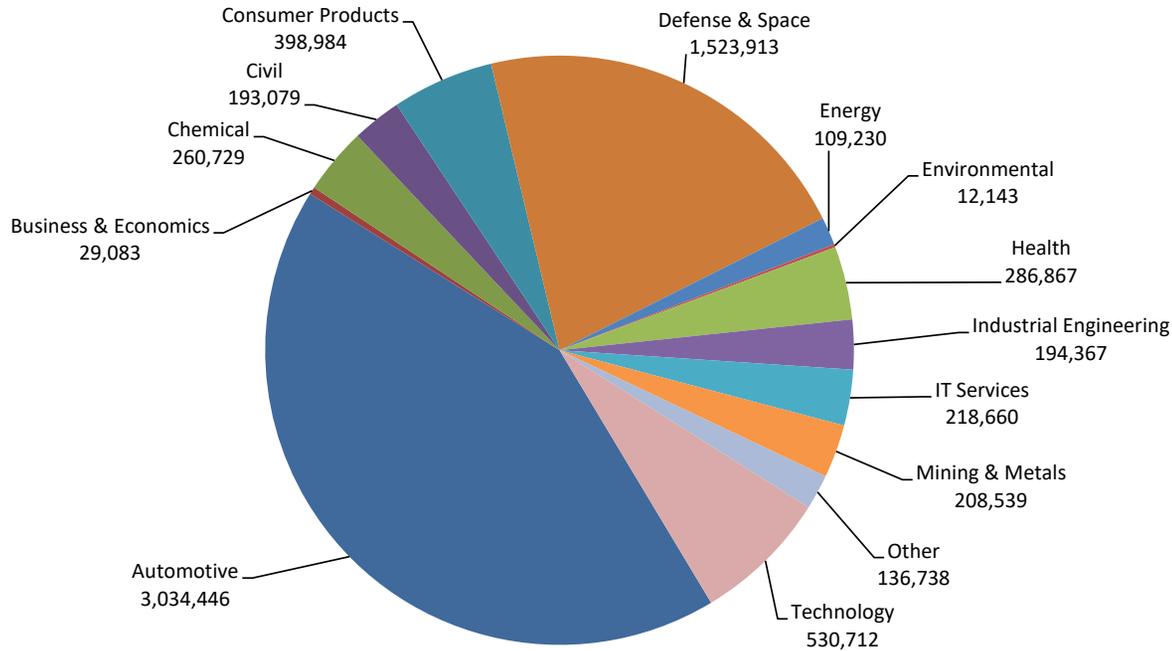
SPO & OIC Metrics <sup>1</sup>	College of Business & Economics											Totals	Fiscal Comparison	Percent Change
	Administration	College of Business & Economics	College of Computing	College of Engineering	College of Forest Resources & Env Science	College of Sciences & Arts	Great Lakes Research Center	Keweenaw Research Center	Michigan Tech Research Institute	Pavlis Honors College	School of Technology			
Proposals Submitted	11	-	21	240	51	70	7	35	35	2	N/A	<b>472</b>	545	-13.4%
Awards Received	67	7	15	169	58	44	7	33	38	33	N/A	<b>471</b>	511	-7.8%
Federal	995,922	-	1,705,746	3,863,175	1,448,496	4,523,546	-	2,946,758	1,824,487	-	-	<b>17,308,130</b>	15,966,644	8.4%
Federal Pass-Through	113,855	-	50,074	3,195,844	364,620	393,649	409,793	30,000	3,111,227	4,175	-	<b>7,673,237</b>	6,122,670	25.3%
Foreign	-	-	-	39,763	-	54,435	-	-	-	-	-	<b>94,198</b>	206,522	-54.4%
Gifts	702,800	56,053	68,000	451,651	49,516	59,626	-	6,500	-	243,968	-	<b>1,638,114</b>	1,595,244	2.7%
Crowd Funding	-	-	-	2,886	879	-	3,700	-	-	906	-	<b>8,371</b>	21,839	-61.7%
Industry	-	-	17,500	1,295,506	234,179	-	-	2,261,060	10,000	-	-	<b>3,818,245</b>	4,930,406	-22.6%
Other	4,630	-	-	70,154	110,183	45,100	7,990	-	13,916	-	-	<b>251,973</b>	669,101	-62.3%
State of MI	469,428	-	-	3,100,426	50,163	-	-	224,895	-	-	-	<b>3,844,912</b>	894,098	330.0%
<b>Total \$ by Division</b>	<b>2,286,635</b>	<b>56,053</b>	<b>1,841,320</b>	<b>12,019,405</b>	<b>2,258,036</b>	<b>5,076,356</b>	<b>421,483</b>	<b>5,469,213</b>	<b>4,959,630</b>	<b>249,049</b>	<b>N/A</b>	<b>34,637,180</b>	30,406,524	13.9%
Fiscal Comparison	1,455,408	35,500	N/A	14,791,120	2,000,757	3,282,431	253,998	3,824,285	4,150,277	604,398	8,350	30,406,524		
Percent Change	57.1%	57.9%	N/A	-18.7%	12.9%	54.7%	65.9%	43.0%	19.5%	-58.8%	N/A	13.9%		
Disclosures Received <sup>2</sup>	-	-	6.25%	69.81%	-	23.94%	-	-	-	-	-	<b>17</b>	19	-10.5%
Nondisclosure Agreements	3	-	1	24	3	-	-	5	6	2	-	<b>44</b>	44	0.0%
Patents Filed or Issued <sup>2</sup>	-	-	-	78.57%	-	21.43%	-	-	-	-	-	<b>14</b>	11	27.3%
License Agreements	1	-	-	5	-	-	-	-	-	-	-	<b>6</b>	12	-50.0%
Gross Royalties <sup>2</sup>	-	-	-	94.12%	-	-	-	5.88%	-	-	-	<b>118,621</b>	165,784	-28.4%

<sup>1</sup> Combined Metrics from both the Sponsored Programs Office (SPO) and Office of Innovation & Commercialization (OIC)

<sup>2</sup> 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).

Formal Session of the Board of Trustees - Research and Sponsored Programs

**Sponsored Awards  
-Industry-  
COMBINED  
Fiscal Year 2020  
2nd Quarter  
Ended Dec 31, 2019  
TOTAL: \$7,137,490**



Industry Segment	Proposals Submitted		Awards Received		Awards Received (\$)		Variance \$	Variance %
	FY '20 as of 12/31	FY '19 as of 12/31	FY '20 as of 12/31	FY '19 as of 12/31	FY '20 as of 12/31	FY '19 as of 12/31		
Automotive	51	54	63	69	3,034,446	3,223,911	-189,465	-5.9%
Business & Economics	1	1	5	7	29,083	33,000	-3,917	-11.9%
Chemical	8	3	10	7	260,729	297,367	-36,638	-12.3%
Civil	4	6	7	21	193,079	87,077	106,002	121.7%
Consumer Products	9	36	18	19	398,984	480,490	-81,506	-17.0%
Defense & Space	16	15	27	23	1,523,913	1,586,301	-62,388	-3.9%
Energy	4	14	18	25	109,230	651,945	-542,715	-83.2%
Environmental	-	5	4	8	12,143	166,141	-153,998	-92.7%
Health	13	11	15	15	286,867	173,591	113,276	65.3%
Industrial Engineering	7	3	9	11	194,367	136,000	58,367	42.9%
IT Services	4	4	7	9	218,660	470,719	-252,059	-53.5%
Mining & Metals	11	10	23	25	208,539	507,872	-299,333	-58.9%
Other	3	4	10	13	136,738	93,423	43,315	46.4%
Technology	10	11	12	23	530,712	875,511	-344,799	-39.4%
<b>Total</b>	<b>141</b>	<b>177</b>	<b>228</b>	<b>275</b>	<b>7,137,490</b>	<b>8,783,348</b>	<b>-1,645,858</b>	<b>-18.7%</b>

\*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.

\*\*Gift numbers include Industry gifts ONLY, not others including Association or Society gifts.

**Michigan Technological University**  
**Total Research Expenditures by College/School/Division**  
**Fiscal Year 2020 & 2019**  
**As of December 31, 2019 and December 31, 2018**

<b>College/School/Division</b>	<b>FY2020</b>	<b>FY2019</b>	<b>Variance</b>	<b>%</b>
Administration*	3,137,079	3,439,309	(302,230)	-8.8%
College of Business	729,140	745,303	(16,163)	-2.2%
College of Computing	1,241,125	N/A	1,241,125	N/A
College of Engineering	13,828,312	14,719,836	(891,524)	-6.1%
College of Forest Resources & Environmental Science	2,328,983	2,365,375	(36,392)	-1.5%
College of Science & Arts	6,598,817	7,212,310	(613,493)	-8.5%
Great Lakes Research Center**	433,218	280,368	152,850	54.5%
Pavlis Honors College	187,196	182,192	5,004	2.7%
Keweenaw Research Center (KRC)	3,320,246	3,648,011	(327,765)	-9.0%
Michigan Tech Research Institute (MTRI)	4,557,288	4,223,781	333,507	7.9%
School of Technology	N/A	427,576	(427,576)	-100.0%
<b>Total</b>	<b>36,361,404</b>	<b>37,244,061</b>	<b>(882,657)</b>	<b>-2.4%</b>

\*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.

**X-C. ADVANCEMENT AND ALUMNI RELATIONS**

**ADVANCEMENT AND ALUMNI ENGAGEMENT  
MICHIGAN TECH BOARD OF TRUSTEES REPORT  
February 2020**

**Advancement**

- Fundraising as of 12/31/2019 is at \$18.58 million which is \$9 million more than this time last year.
  
- Fiscal Year to Date:
  - \$6.63 million in planned gifts
  - \$150,000 in realized planned gifts
  - \$2.31 million in major gifts
  - \$1.38 million in annual giving
  - \$2.39 million in corporations and foundations
  - \$530,000 gifts in kind
  - 60 illustrations, proposals, and gift agreements were provided for donors and advancement staff.
  - 33 executed gift agreements
  
- Reorganized Advancement and Alumni Engagement to align our structure to maximize growth and resources, strengthen and streamline the fundraising infrastructure, and grow the donor pipeline with a special focus on preparation for a capital campaign.
  
- Completed wealth and philanthropic activity screening in preparation for H-STEM support and pre-campaign work.
  
- New Customer Relationship Management (CRM) tools – work is progressing to identify the most appropriate CRM tool to support Advancement efforts throughout campus.

**Principal Giving**

- There will be two MTF director sponsored presidential events in SW Florida during the week of March 2nd. These will be for a select group of Michigan Tech donors and will provide them with the opportunity to interact with and hear directly from President Koubek in regard to University fundraising plans and other activities. There will also be an event in Ft. Meyers that week for a larger group of alumni and friends. President Koubek will speak, along with Dr. Bill Sproule, Author and Michigan Tech Professor Emeritus, Civil and Environmental Engineering
  
- Finalized a \$1.5 million estate gift for endowed scholarships for women.
  
- Finalized a \$1 million planned gift commitment for an endowed fellowship for graduate students from India, who are studying materials science. We met with the donor in December.
  
- Working to close a \$8+ million planned gift proposal. This will be for scholarships for the College of Sciences and Arts, with an emphasis on physics, chemistry and math. This should close by the end of the 4th quarter of FY'20.
  
- Working on a \$1.6 million planned gift proposal, along with a five-figure outright gift proposal. This proposed gift would be for equipment, endowed scholarships, and an endowed faculty position in the Geological Engineering department, with an emphasis in mining. This should close in the 4th quarter of FY'20 or the first quarter of FY '21. We will have a follow-up meeting with the donors in late spring.

- Finalizing a \$500k planned gift for local scholarship awards, along with a life estate gift to benefit the CFRES and Outdoor Adventure Program. The value of the real estate is approximately \$300k. This should close in the 4th quarter of FY'21. We will follow-up in February.
- We have an outstanding multi-million dollar proposal for endowed scholarships and endowed faculty positions, with a portion of it benefiting the College of Forest Resources and Environmental Sciences. We met with the donors in December 2019. Estimated to close in FY'21.
- Working on a \$2 million+ outright proposal for an endowed faculty position in ME-EM. We met with the donor in December 2019. Due to a significant positive event in the donor's financial situation, we discussed the possibility of an eight figure gift for ME-EM; however, the donor made it clear that for the foreseeable future, they will cap their commitment at \$2 million. This should close in the first quarter of FY'21.
- Working on a multi-million dollar proposal for faculty position(s) in the College of Computing.

## Foundation Relations

### Health Related Work:

- Portage Health Foundation: continue to steward the partnership between Michigan Tech and the Foundation. Hosting our final Making a Difference Scholarship Finalists dinner this March as part of our \$2.5M partnership grant that is now in its fifth and final year. Annual report was presented and a professional [2 minute](#) and [12 minute video](#) was completed outlining the outcomes of our partnership. PHF has committed to renewing scholarships, undergraduate research experiences, and graduate fellowship.
- Blue Cross Blue Shield: Attended the Great Lakes Invitational in the Blue Cross Blue Shield of Michigan suite at the invite of Corporate: Community Responsibility team and attended retirement gathering for Nora Malloy (Blue Cross Blue Shield Foundation) which was also attended by health and foundation leaders. Megan Frost and Steve Elmer are serving as Michigan Tech's first reviewers for BCBS Foundation.
- Blue Cross Blue Shield & Michigan Health Endowment Fund: worked with both foundations to obtain support for Michigan Tech to host a UP Grant Planning Workshop in preparation for Upper Peninsula Research Partnership grants (over \$400,000 in grants available). The workshop will:
  - Foster new collaborative partnerships between universities, hospitals, and community non-profits
  - Leverage resources to better address community health needs in rural and underserved areas
  - Build capacity for competitive health-related grant proposals to foundations (Robert Wood Johnson Foundation and the William T Grant) and the National Institutes of Health and Health Resources and Services Administration.
- 2-3 submissions planned for the Michigan Health Endowment Fund for spring cycle (\$100,000-\$500,000).
- Superior Health Foundation: continue to steward a relationship with the SHF; recently attended a grant workshop for developing proposals and will work internally to develop competitive proposals for upcoming grant programs. Grant submissions for a 1) hearing loop system in the Rozsa Performing Arts Center (Jared Anderson) and 2) for Community Health Ambassador program (Kari Henquinet).
- Working with Deans and Chairs to put into place a strategic plan for fundraising for the H-STEM building. Mike Olson has created a giving table. Karla Aho has been instrumental in training on the "Art of Making an Ask." Katie Buehner has supported Bill Robert's efforts to move forward a new Naming

Policy. Team has been collaborating with University Marketing and Communications and the architects to have materials in place by March.

#### Other Notable Interactions:

- Keck Foundation did not extend an invitation to Michigan Tech for submission of a Phase II grant (\$1M). Dave Reed and Dave Hemmer did an excellent job during phone interview, which resulted in Phase I submission invite. Proposals moving forward need to demonstrate scientific merit but in a way that is digestible and relatable to a highly educated Board of Trustees who are not engineers or scientists. Once we make it to Phase II submission, a Presidential introduction and site visit will be conducted.
- Rozsa Foundation: visit to Calgary to celebrate with the Rozsa family and the University of Calgary the 20th year of Michigan Tech's Rozsa Center for the Performing Arts this fall. Several opportunities for collaboration were discussed between the University of Calgary, the Rozsa Foundation, and private k-12 schools.
- Director of GM Philanthropy (son currently a Husky), CFO and Program Director from the Michigan Health Endowment Fund, and H.H.G.A Dow Foundation Grant Analyst (son currently a Husky) will be visiting campus during Winter Carnival.
- Forestry: As a result of fruitful conversation with Dean Storer, presented to the faculty of the College of Forest Resources and Environmental Sciences to discuss foundation funding strategies. With the support of Dean Storer, the college is forming faculty teams to develop strategic and competitive proposals for foundation funding with a laser focus on five foundations: Keck, Sloan, Doris Duke, Packard, and Ford.
- Working with COFO of SPIE, Brad Ferguson, to understand the giving capacity (Photonics related) and preparing to make a \$100,000 matching request for student scholarships, enterprise projects, research opportunities.
- Financial Aid is identifying first Thompspon Foundation Working Family Scholars - named after two of our alumni- Rollin A. Jones '59 and James E. Lindstrom '69. The first cohort will attend Michigan Tech in fall 2020.

#### Industry Engagement

- FY20 Q3 Total Corporate Gifts: 33 | FY20 Q2 Total Corporate Giving: \$78,605.01
- FY20 YTD Total Corporate Gifts: 218 | FY20 YTD Total Corporate Giving: \$1,782,990.88
- FY20 Corporate Giving Goal: \$2,000,000 | FY20 YTD Status: 89% of Goal
- FY20 Q2 Corporate Council Highlights:
  - Philanthropy: Secured a three-year, \$120,000 commitment from ITC to sponsor 40 scholarships annually (2020-2022) to SYP: Junior Women in Engineering.
  - Research: Notable research awards include MTRI and the Advanced Power Systems Research Center receiving \$1.83M from The American Center for Mobility, KRC has received over \$1M in renewal testing and validation funding from core winter test partners, and ME-EM received \$206,000 to partner with Orbion Technology.

- Hosted inaugural “Corporate Relations Summit” on January 20. Over 30 stakeholders from across campus (Advancement, Research, Athletics, Enrollment, Academic Affairs) with corporate engagement responsibilities participated.

## Annual Giving

2019-2020 numbers so far:

- Overall Annual Giving – Goal of \$2.75 million
  - As of January 5, 2020 – \$1,234,705, 49% of goal
- Annual Fund (unrestricted) – Goal of \$1.5 million
  - As of November 11, 2019 – \$594,797 40% of goal
- Campus Campaign
  - As of January 17, 2020 – 267 employees have donated \$116,478 to the Campus Campaign. That is a participation rate of 18%.

## Culture of Philanthropy Programming

The Michigan Tech Student Foundation (MTSF) participated in:

- The Class Tribute program – helped raise \$150 from fellow student stakeholders for the Class Tribute scholarship.
- Giving Tuesday – sold Husky paw prints for Giving Tuesday. The paws read “I gave a dollar to support a scholar”. All monies raised (\$78) went to student scholarships.
- Scholarships – The students reviewed applicants and awarded four \$1,000 leadership scholarships to current students.

Solicitations:

- Our student Call Center is calling lybunts (gave last year but not this year), sybunts (gave some year but not this year) and lapsed. Called 63,000 donors and spoke with 1592. Of those, 365 pledged or gave a gift with \$59,757.84 being raised. This is a 22.93% participation rate.
- The class of 1970 gift chairs have offered a \$100,000 match. Class gift mailings and emails for reunion year classes went out.

## Alumni Engagement

- The Alumni Board of Directors will meet during Winter Carnival and will be selecting the 2020 Alumni Award recipients as well as identifying six new Board members. Nominations close in December of odd numbered years (2019) and slate is voted on at the winter carnival meeting (February 2020). Terms begin at the next regular meeting (August 2020).
- The Alumni Board’s Chapter Ambassador program is moving forward and is serving to increase engagement of our regional chapter volunteers.
- Winter Carnival activities at the Alumni House include building Swedish snow lanterns (*snölykta*), MTU themed buff distribution and hot chocolate by the fireplace.

**X-D. MEDIA COVERAGE**

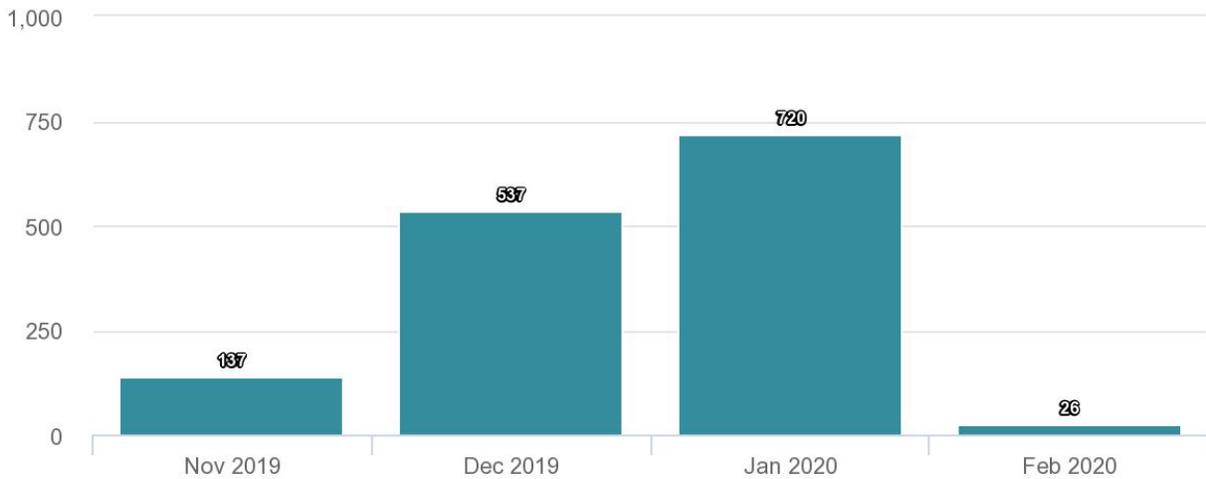
Media Report: November 22, 2019 to February 5, 2020  
 Michigan Technological University  
 Regular Meeting of the Board of Trustees  
 February 28, 2020

Overview

Articles	1,420
Social shares	606,420+
Average shares	427
Journalist shares	934
Journalist reach	13.15M
Average unique visitors per month (UVM)	2.48 million
Total UVM	3.53 billion

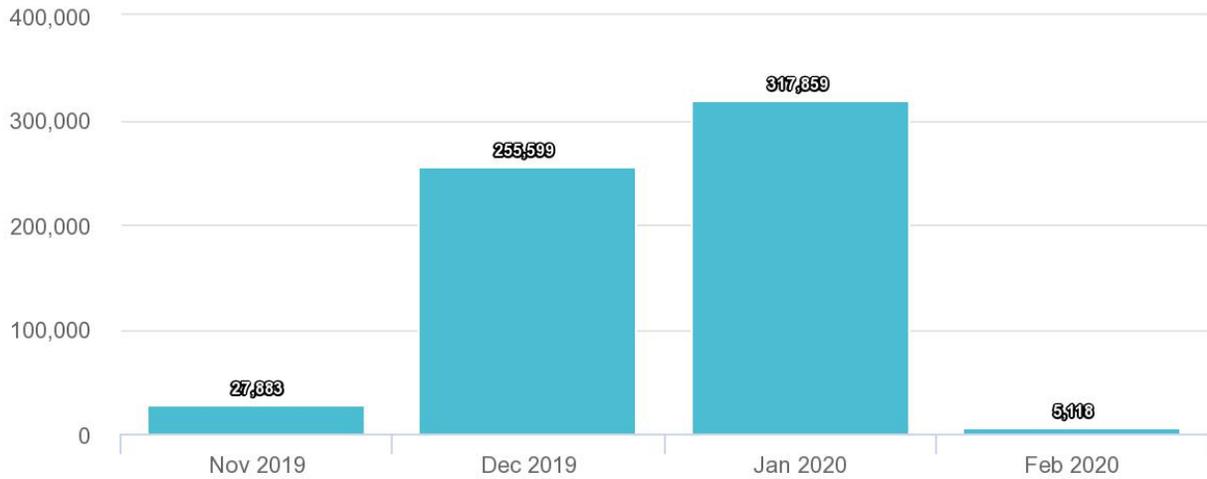
Between November 22, 2019 and February 5, 2020, a total of 1,420 articles mentioned Michigan Technological University.

2/28/2020 Regular Meeting of MTU Board of Trustees: Media Report - Articles



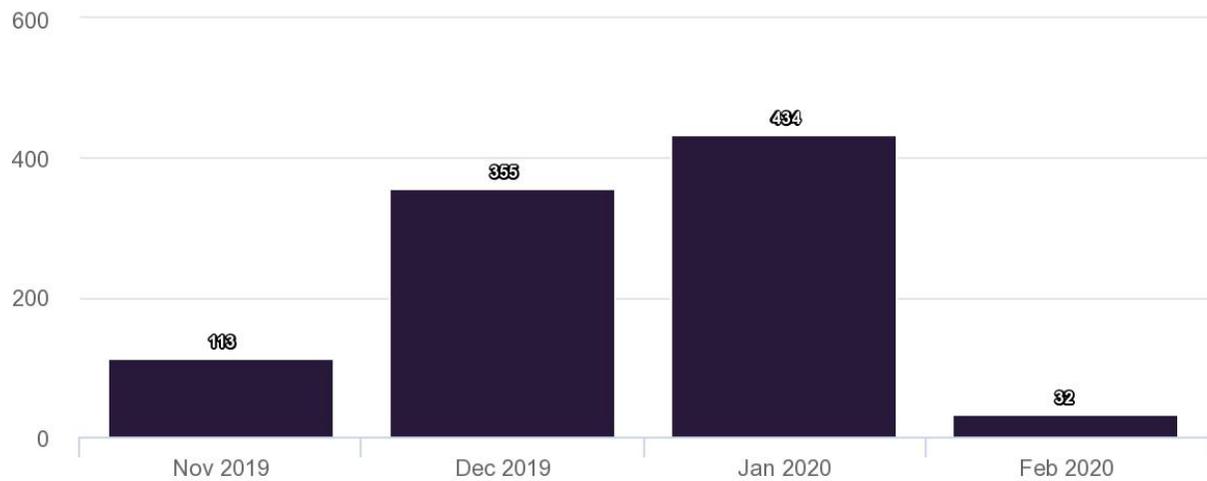
Those 1,420 articles were shared on social media more than 606,420 times.

### 2/28/2020 Regular Meeting of MTU Board of Trustees: Media Report - Article Shares

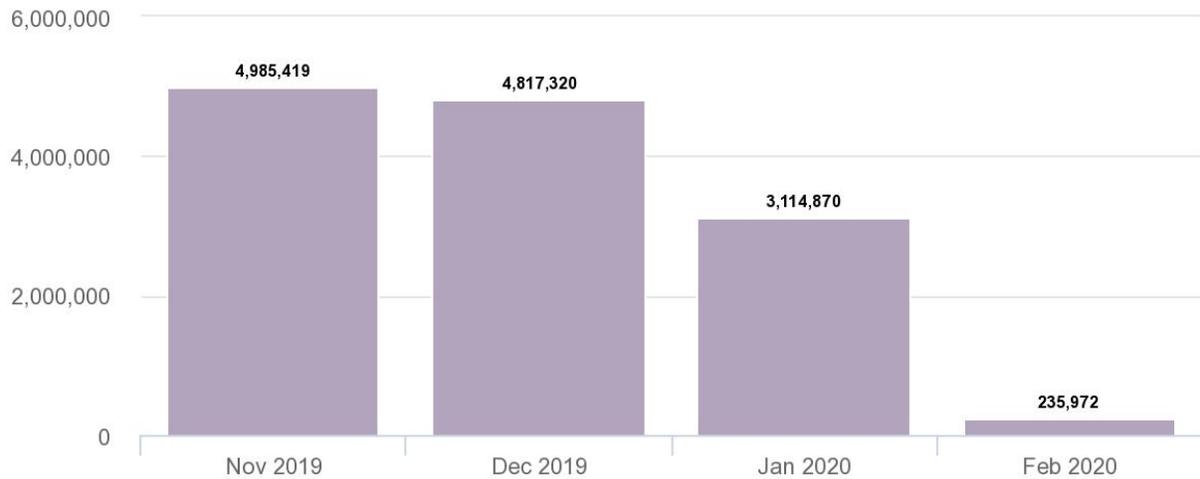


Journalists shared the articles on Twitter 934 times, resulting in a reach of nearly 13.15 million people:

### 2/28/2020 Regular Meeting of MTU Board of Trustees: Media Report - Shares by Journalists



## 2/28/2020 Regular Meeting of MTU Board of Trustees: Media Report - Journalist Reach



### *News Highlights:*

Guy Meadows was a featured expert in a Chicago Tribune article on Great Lakes shoreline protection:

- <https://www.chicagotribune.com/news/environment/ct-lake-michigan-waves-shoreline-protection-20200117-sqnp5lxegvfxocyqowihi3gba-story.html>

Robert Nemiroff was the featured expert on several national outlets regarding the eclipse “Devil’s Horns” phenomenon:

- <https://www.cnn.com/videos/world/2020/01/09/devil-horns-nasa-image-persian-gulf-moos-pkg-vpx.cnn>

Mark Rudnicki was the featured expert in a Forbes article on mass timber:

- <https://www.forbes.com/sites/jimvinoski/2019/12/20/is-mass-timber-the-path-to-sustainable-construction/#76bb85d71d26>

An AP article on MTU students commencing work on Winter Carnival snow statues went national and was picked up by many major outlets, including the Houston Chronicle:

- <https://www.chron.com/news/education/article/Michigan-Tech-students-start-work-on-carnival-14969468.php>

**X-E. EMPLOYEE SAFETY STATISTICS**



# EMPLOYEE SAFETY STATISTICS 2019 ANNUAL REPORT

January 1 - Dec 31, 2018/2019

	Category	Years	Employee Classification							Total
			AFSCME	Faculty	Non-Exempt	POA	Professional	Temporary	UAW	
Number of Recordable Injuries	Injury Only w/Medical - No Lost Time	2018	2	0	0	0	3	0	0	5
		2019	3	1	0	0	1	0	1	6
	Lost Time Cases	2018	6	0	0	0	3	0	1	10
		2019	11	3	0	0	4	0	0	18
	Restricted Work Cases	2018	0	0	0	0	0	0	0	0
		2019	3	0	0	0	0	0	1	4
Occupational Safety and Health Administration (OSHA) Recordable Injuries (Total of above)	2018	8	0	0	0	6	0	1	15	
	2019	17	4	0	0	5	0	2	28	
Number of Days	Injury Lost Time <sup>3</sup>	2018	47	0	0	0	19	0	3	69
		2019	102	42	0	0	83	0	0	227
	Restricted Work Days <sup>3</sup>	2018	14	0	0	0	87	0	0	101
		2019	399	46	0	0	170	0	13	628
Hours Worked	Total Work Hours	2018	286,090	784,933	142,911	18,888	1,116,992	63,500	228,574	2,641,888
		2019	278,569	775,979	135,824	18,842	1,120,035	52,602	214,512	2,596,363
	Percentage of Work Hours	2018	10.8%	29.7%	5.4%	0.7%	42.3%	2.4%	8.7%	100.0%
		2019	10.7%	29.9%	5.2%	0.7%	43.1%	2.0%	8.3%	100.0%
Rates	Lost Time Case Rate <sup>1</sup>	2018	4.2	0.0	0.0	0.0	0.5	0.0	0.9	0.8
		2019	7.9	0.8	0.0	0.0	0.7	0.0	0.0	1.4
	Frequency Rate <sup>2</sup> (Recordable)	2018	5.6	0.0	0.0	0.0	1.1	0.0	0.9	1.1
		2019	12.2	1.0	0.0	0.0	0.9	0.0	1.9	2.2

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.

<sup>1</sup> 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.

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

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

The Bureau of Labor Statics 2018 reports, for Colleges and Universities over 1,000 employees; the average LOST TIME CASE RATE of days away from work was 0.5 and the average FREQUENCY RATE was 1.7.

**XI. OTHER BUSINESS**

**XII. DATE OF NEXT FORMAL MEETING: MAY 1, 2020**

**XIII. ADJOURN**