AGENDA
Formal Session of the Board of Trustees
Michigan Technological University
9:00 a.m. – August 3, 2017
Ballroom B – Memorial Union Building

I. Approval of Agenda

II. Opening Remarks
   A. Chair’s Comments
   B. President’s Comments

III. Committee Reports
   A. Academic Affairs Committee – Linda Kennedy
   B. Audit and Finance Committee – Steve Tomaszewski
   C. Leadership Committee – Brenda Ryan
   D. Presidential Search Committee – Bill Johnson

IV. Consent Agenda
   A. Approval of Minutes
   B. Degrees in Course
   C. Gifts
   D. Resignations, Retirements and Off Payroll
   E. Tentative 2018 Meeting Dates
   F. Michigan Technological University/Michigan Tech Fund Agreement

V. Action/Discussion Items
   A. Employee Recognition
   B. Emeritus Rank
   C. Appointment with Tenure
   D. Michigan Council for the Arts

VI. Informational Items
   A. Analysis of Investments
   B. University Issued Bond Balances
   C. Research and Sponsored Programs Report
   D. Advancement and Alumni Relations Report
   E. Recent Media Coverage
   F. Employee Safety Statistics

VII. Other Business

VIII. Public Comments

IX. Informal Closed Session for a Periodic Personnel Evaluation of President Mroz

X. Adjournment
I. APPROVAL OF AGENDA

RECOMMENDATION: That the Board of Trustees approves the agenda of the formal session of August 3, 2017 as distributed to the Board.
II. OPENING REMARKS

A. Chair’s Comments

B. President’s Comments
III. COMMITTEE REPORTS

A. Academic Affairs Committee – Linda Kennedy

B. Audit and Finance Committee – Steve Tomaszewski

C. Leadership Committee – Brenda Ryan

D. Presidential Search Committee – Bill Johnson
IV. 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. Gifts
D. Resignations, Retirements and Off Payroll
E. Tentative 2018 Meeting Dates
F. Michigan Technological University/Michigan Tech Fund Agreement
IV-A. APPROVAL OF MINUTES

RECOMMENDATION: That the Board of Trustees approves the minutes of the formal special session of June 30, 2017 as distributed to the Board.
IV-B. DEGREES IN COURSE

Included herein are candidates 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 Trustees approves the awarding of the degrees as specified, to each of the candidates listed, and offer congratulations.
MEMORANDUM

To: Dr. Glenn D. Mroz, President

From: Theresa K. Jacques, Registrar
Registrar’s Office

Date: June 27, 2017

Subject: Candidates for Degrees – Conferral Term 201701

The attached list of candidates for degrees, beginning with Marlo Ann Jayne and ending with Lindsay Ann Hingst, 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 K. Jacques
Registrar

TKJ: kph
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<tr>
<th>Degree in Field</th>
<th>Name</th>
<th>Honors</th>
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<td>Bachelor of Arts in English</td>
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<td>Jonathan M Putnam - Magna Cum Laude</td>
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Michigan Technological University

Degrees Awarded for Conferral Term 201701

Bachelor of Science in Chemical Engineering

Julia Marie Rice
Drew Bradford Roberts
Dillon Richard Robokoff
Taylor Allen Schallock
Michael T Sommers
Jessica L Splittgerber
Jenna Marie Tillmann
Aaron Townley - Magna Cum Laude
Nikolas Craig Van Beek
John M Weiss
Holly Lynn Wilson
Kyle Joseph Wilson
Qifei Xiao
Joseph Matthew Yarosh
Wenze Zhang - Cum Laude
Danielle Patricia Alexander
Michael Evan Alexson
Michael Scott Archambo - Cum Laude
Jeremy Michael Berger - Cum Laude
Michael Thomas Best - Magna Cum Laude
Samuel Robert Casey - Magna Cum Laude
Chase Thomas Chauvin
Xi Chen
Benjamin D Closner - Cum Laude
Austin Robert Conn
Johnathan Wayne Coroneos
Savanna Jo Curtis
Joseph A Cybulski
Mark Gerrit DeFouw - Magna Cum Laude
Andrew James DeLong - Cum Laude
Chelsea Marie Dean
Nicole Christine Field
Brittany Rose Frost
Mark Brown Gibson - Summa Cum Laude
Christopher Alan Glazier
Connor Doyle Gregg
Michael Fredrick Groess
Tyler Michael Hammond
Jackie Lynne Harris - Cum Laude
Gabriel Floyd Hartman - Magna Cum Laude
Nathan Duane Herline - Magna Cum Laude
Ellen Kae Hetcher - Magna Cum Laude
James Ronald Horner - Cum Laude
Andrew R Hubbell - Summa Cum Laude
Richard Lee Hubert
Patrick Anthony Humfleet - Cum Laude
Elizabeth Ann Johnson
Dylan Scott Johnson - Magna Cum Laude
Samuel David Kane - Cum Laude
Stephanie Marie King - Summa Cum Laude
Erin Knoeck - Magna Cum Laude
Dylan Torin Koons
Caleb Kenneth Korson
Aaron Scott Kriegl - Cum Laude
Brian Edward Kuhn
Daniel Gregory Kulas - Summa Cum Laude
Jeanette Ann Kussow
Christopher Edward LaBond
Jennifer Marie Lentner - Summa Cum Laude
Richard Charles Louys
Mark Stephen Malocha - Summa Cum Laude
Katherine Margaret Massa
Joshua Raymond Mazure - Summa Cum Laude
Elizabeth Margaret Merz - Magna Cum Laude
Mary Catherine Mitchell - Magna Cum Laude
Eric Jon Neubert - Magna Cum Laude
Whitney Mary Niedzielski - Summa Cum Laude
Ethan Bjarne Norstog - Magna Cum Laude
Jakob T Nowicki - Magna Cum Laude
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Austin J Nyenhuis
Tianzhi Pang
Sheldon Andrew Ritt
Jason Thomas Saliga - Magna Cum Laude
Stefan Jeffery Scharret
Allison M Schnobrich
Kristopher John Seelman
Guy Valdernar Smith - Magna Cum Laude
Ryan Sumner Smith - Cum Laude
Benjamin L Southgate - Magna Cum Laude
Melissa Katlyn Standing
Gregory Alan Thelen - Summa Cum Laude
Timothy Alexander Tomczak
Magdaline Quinn Urben - Cum Laude
Emma Leigh Vance
Devin Andrew Wickman
Samantha Renee Wilczewski
Julia Nichole Zayan - Summa Cum Laude
Lifan Zhou
Baileigh Alyssa Zimmerman
Mitchell J Anderson
Nathan Alan Auch
Dylan Eric Brosseau - Cum Laude
Connor Quinlan Bruns - Magna Cum Laude
Matthew Thomas Budde
Christopher R Coppernoll
Zachary Raymond Couture - Magna Cum Laude
Sevin Robert Dennis
Kavan Joseph Ferguson - Magna Cum Laude
Brian Patrick Flanagan - Magna Cum Laude
Monica Lynn Fraser - Cum Laude
Matthew David Haley
Elizabeth Marie Held - Summa Cum Laude
Justin Alan Jacobs - Summa Cum Laude
Eric Matthew Johnson - Magna Cum Laude
Shawn Michael Kaschner
Nicholas A Kolean - Magna Cum Laude
Nicholas James Lanter - Magna Cum Laude
Matthew Joseph Linenfelser
Tino Christopher Moore
Connor Alexander Olson - Magna Cum Laude
Frederick James Perrett
Timothy John Radtke - Cum Laude
Adam N Reese
Nicholas S Schweikart - Magna Cum Laude
Finly H Sibounheuang - Magna Cum Laude
Jeremy David Sommerfeld
Hailey Janece Trossen - Magna Cum Laude
Florian Saul VanKampen-Wright
Benjamin M Vesel - Summa Cum Laude
Marlana Lou Wunderlich
Alexander Marvin Wynalda

Bachelor of Science in Computer Engineering

Oluwasegun Samuel Adegun
Tucker Thurston Alsup
Kenneth Chase Barr
Jeffrey Robert Beck
Mercedes Elizabeth Bohr
Danny Lee Bragg
Nathaniel Eric Bryant
Ester Rebecca Buhl
Jenna Morgan Burns
Adam Austyn Cain
Jacob L Cavins
Griffin Kenneth Curtis
Nathan A Duprey
Victoria LouAnn Fueri - Cum Laude
Kyle Steven Gulan - Magna Cum Laude
Dustin Allen Hanes - Magna Cum Laude
Daniel R Hannah
Michigan Technological University

Degrees Awarded for Conferral Term 201701

Alexander Michael Herbst
Garrett Timothy Jensen
Pierce Nathan Jensen - Magna Cum Laude
Brenton Arthur Johnson - Cum Laude
Ethan C Koepe - Magna Cum Laude
Brad Lee Lafata - Magna Cum Laude
Dennis Olegovich Latyshev - Magna Cum Laude
Jennifer Rose Lyng
Maxwell Edgar Madden
Michael Aaron Maurer
Joseph Robert McCaslin - Cum Laude
Kyle Patrick McGurk
Elliott R Meese
Breanna S Merritts
Eric Scott Monte
Charles S Murillo
Katherine Delin Myers
Bradley David Nelson - Cum Laude
Kate Stinson Nowosad
Daniel J Olson - Magna Cum Laude
David George Pariseau
Chad Michael Pollock
Michael Anton Rader
Kyle E Raulio - Summa Cum Laude
Ryker T Regenfuss
Jason John Rutkowski - Cum Laude
Julio Alberto Saint-Felix Rodriguez
Nathan Taylor Schapka
Ryan A Schulke
David Richard Schultz
Brian David Shane
Eric Richard Stefanko
Casey Charles Strom - Magna Cum Laude
Brandon Scott Sullivan
Noah John Symanzik
Yuzhou Tang - Summa Cum Laude
Yulin Wang - Cum Laude
Thomas Edward Whitaker

Bachelor of Science in Environmental Engineering

Ashley Jayne Baldes
Shaina Marie Brohard
Bruce Harold Carlstrom
Erica A Coscarelli - Summa Cum Laude
Joseph Martin Doyle - Magna Cum Laude
Lucas James Fitzpatrick - Cum Laude
Carly Jo Gloudemans
Alicia E Homeszyn
Michelle Catherine Kelly
Jeremy Tyler Luebke
Jack Raymond Markosky
Ashley M Meijer
Stephanie Nicole Peterson - Cum Laude
Emily E Praznik
Marina Roxann Samp - Magna Cum Laude
Mackenzie Rose Shega-Fox
Nicholas G Skarritt
Mitchell A Stark
Daniel Michael Stockard - Summa Cum Laude
James Francis Unsworth
Christina T Villerot

Bachelor of Science in Geological Engineering

Aaron Carl Bickel
Rebekka Abigail-Kamieniecki Guyon
Daniel John Harris - Cum Laude
Montana LaCroix Rivard - Cum Laude

Bachelor of Science in Geology

Kristen Renee Lamfers
Kathryn Ryland Wells
James Patrick Wazensky

Bachelor of Science in Mechanical Engineering

Jacob Leo Ahles - Magna Cum Laude
Brianne Nicole Anderson - Summa Cum Laude
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Cole Alan Aukee - Cum Laude
Horatio Justis Babcock - Cum Laude
Derrick Joseph Baer
Micah Trent Ball
Richard J Bogus - Magna Cum Laude
Mercedes Elizabeth Bohr
Donald Norman Bowlby
Andrew Garber Bruning
Owen Arthur Buckley - Cum Laude
Mariana Christina Caamano
Michael Steven Carroll
Drew Evan Cederquist
Wesley E Cialek
Sarah Marie Corrion
Adam Scott Cottrell
Hans Steven Creutz
Alvin R Deming - Magna Cum Laude
Katherine Tess Donovan - Magna Cum Laude
Daniel John Ellis - Cum Laude
Christopher Duane Ely
Corey Alan Fase
Michael John Fisher
Alyssa Lynn Gafner
Mitchell Louis Gamelin
Tabitha Reign Gillman
Cole R Gingras
Paul David Goossen
Joseph Garrigan Goudzwaard - Cum Laude
Nicholas Scott Grygleski - Cum Laude
Joseph Aarron Halford
Daniel Hammerstrom
Stephen James Hanley
Erika Jeanette Harris
Nicholas Christian Harris
Sonja A Hedblom - Summa Cum Laude
Cody James Heller
Michael Patrick Hoffman - Magna Cum Laude
Andrew David Houghtaling - Summa Cum Laude
Brendan Niall Hufhagel
William Farley Hughes
Erica K Huhta - Magna Cum Laude
Garrett James Hutcheson
Harry Charles Hutton
Pierce Nathan Jensen - Magna Cum Laude
Dean Thomas Johnson
Owen James Kariiniemi - Magna Cum Laude
Jonathan Douglas Kelley
Jacob Michael Kendziorzki - Cum Laude
Isabella C Kesler
Nickolas VanWagoner Kill
John Klotz
Nicholas Joseph Kremkow
Connor David LeBombard
Ryan D Leisenring
Michael Thomas Lemmer
Shuo Liu
Devin James Livingston - Magna Cum Laude
William Jeffrey Logan
Ryan Andrew Logan
Riley Scott Long - Cum Laude
Anthony Maximilian Mager
Joshua Kenneth Mapes - Cum Laude
Jonathan Brian Markl - Magna Cum Laude
Blake Henry Martin
Ian Anders McGrew - Cum Laude
Thomas Edward Mehall
Robert Jay Minger
Garrett Patrick Mitchell
Meridith Paden Murley
Michigan Technological University
Degrees Awarded for Conferral Term 201701

- Michael A Norman
- William Kodiak Nutting
- Danny Gene O'Neil
- Cameron James Olsen
- Joel William Olsen - Summa Cum Laude
- Eric George Passmore
- Adam Patrick - Summa Cum Laude
- Gregory James Peters - Cum Laude
- Jay Robert Pietila - Cum Laude
- Alex Benjamin Piotrowski
- Rachel Claire Pohlod - Summa Cum Laude
- Thomas Kenneth Price - Summa Cum Laude
- Aaron James Rabideau
- Kyle James Raboin - Cum Laude
- Anastasia Lee Rogers
- Brandon Scott Rouze
- David Gordon Rushlow
- Daniel J Schiais
- John Vernon Shappard
- Tyler Scott Sigafoose
- Josef Alan Simek
- Brandon Dean Sparks - Cum Laude
- Nicholas James Squanda
- David Jay Stephan
- Samantha G Swartzmiller - Magna Cum Laude
- Matthew Jacob Sweet
- Joshua Michael Tabbert - Cum Laude
- Thomas Nicolai Tetzloff - Magna Cum Laude
- Lauren E Tetzloff - Magna Cum Laude
- Jordan Edward Truitt
- Aaron Michael VanderWeide - Summa Cum Laude
- Samuel Eugene Wachowski - Cum Laude
- Evan Axel Wallin
- Ryan D Walton
- Ryan John Warsen
- Seth Dean Whitehouse
- Frank L Worrell
- Kun Zhang

Bachelor of Science in Materials Science and Engineering
- Jeffrey Michael Brookins
- Joshua Lee Cicotte - Magna Cum Laude
- Dylan J Cromell
- Janine Taylor Erickson - Magna Cum Laude
- Catherine Anne Galligan - Summa Cum Laude
- Benjamin Kevin Gruber
- Georgia Nicole Hurchalla - Magna Cum Laude
- Wyatt L Hurst
- Victoria Lynn Keeri
- Kylie Kuhnert Lettow
- Emily Estelle Petersen - Cum Laude
- Trent R Pietila - Cum Laude
- John Carl Ilmar Smith
- Violet Marie Thole - Cum Laude
- Jonathan Edwards Vajko

Bachelor of Science in Applied Ecology and Environmental Sciences
- Cindy Marie Fiser - Magna Cum Laude
- Amy Marie Baumgartner
- Brett David Boes - Magna Cum Laude
- Alexander Clayton Helman - Cum Laude
- Peter John Hoch - Cum Laude
- Sara G Kelso - Magna Cum Laude
- Lester R Livermore
- Brian T Martell - Summa Cum Laude
- Thomas James McDade
- Calvin Luther Norman - Cum Laude
- Andrew A Onaga
- Lee Willis Theobald - Cum Laude
- Karin Maaseidvaag Wolken - Summa Cum Laude

Bachelor of Science in Wildlife Ecology and Management
- Alexander L Brown - Cum Laude
- Cori Jean Fitzpatrick
- Chase Richard Lindholm
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Bachelor of Science in Anthropology
Shane A Testini
Bachelor of Science in Applied Physics
James Patrick Wazensky
Michael Steven Foetisch
Bachelor of Science in Bioinformatics
Andrew Lee Baldwin
Joshua James Kohlhase - Magna Cum Laude
Lauren Nicole Schaeferle
James Austin Wood - Cum Laude

Bachelor of Science in Biological Sciences
Morgan Jo Anderson - Cum Laude
Robert Wilson Beynon
Nicholas Christopher Black
Kelsey Laurel Bland - Cum Laude
Braedyn Shay Bosilovatz - Cum Laude
Elizabeth Joy Champagne - Magna Cum Laude
Elizabeth M Chaney
Olivia Kalynn Deans
Sarah Louise Frederick
Michael Jeffery Gierke
Emily Katherine Gilkes - Cum Laude
Eileen Margaret Hoban - Cum Laude
Rebecca Ellen Hobmeier - Summa Cum Laude
Kaitlin Rose Kogut - Cum Laude
Harmony Rose Osborn - Magna Cum Laude
Sarah Rachel Reed
Mikayla Marie Revoyr - Magna Cum Laude
Miranda Sauter - Summa Cum Laude
Mariah Ann Savolainen - Magna Cum Laude
Megan Elizabeth Schluenz - Cum Laude
Daniel John Sirtola - Summa Cum Laude
Lillia Anne-Szilagyi Strautilo - Magna Cum Laude
Ashley Barbara Veale - Magna Cum Laude
Tiffani Ruth Whipple

Bachelor of Science in Chemistry
Patrick Edward Kidwell - Magna Cum Laude
Randall Keith Wilharm - Magna Cum Laude
Peter Henry Winegar - Summa Cum Laude

Bachelor of Science in Cheminformatics
Robert Josef Rauschendorfer - Cum Laude

Bachelor of Science in Pharmaceutical Chemistry
Theodore James Buckley - Cum Laude
Alexander Luis Vizurraga - Summa Cum Laude

Bachelor of Science in Computer Science
Ryan T Brendel
Andrew Lawrence Brusso - Summa Cum Laude
Mathonwy L Dean-Hall
Bryan Winslow Ehrie
Adrian Christopher Felder
Brian Thomas Ferus
Duncan Brown Fox
Alexander William Frieben - Summa Cum Laude
Mark Gerald Halonen - Magna Cum Laude
Paige Elise Hanson - Summa Cum Laude
Gage Robert Heeringa
Elizabeth Ann Johnson
Marvin Lincoln Kassabian
Brian Patrick Keith - Cum Laude
Michael Bradley Kent - Cum Laude
Nicholas Andrew Mell
Spencer Joseph Miskoviak - Magna Cum Laude
John Carroll Myers
Kyle Lee Oswald
Scott Katsumi Pomervile
Rory Mead Straubel - Magna Cum Laude
David Alan Tascarella
Jacob John Timmer
Bradley Aaron Torni
Kyler M Witting
Taylor Ann Aho

Bachelor of Science in Exercise Science
Sarah Marie Benedict - Summa Cum Laude
Charlotte L Brown - Cum Laude
Kathryn Ann Fife - Magna Cum Laude
Brenna Lynn Heise
Kirsen Ann Hudak - Cum Laude
Katherine Claire Orr - Cum Laude
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Bachelor of Science in Audio Production and Technology
Jill Erin Toorongian - Cum Laude
Christopher L Winslow
Eric Richard Bartos
Robert Kyler Billings
Camby Rose Totten-Wade

Bachelor of Science in Theatre and Entertainment Technology
Christopher L Winslow
Dale P Bigler
Brendan Christopher Falk
Andrew Ernest Flood
Matthew James Huey
Floyd Benjamin Johnson - Magna Cum Laude
Maxwell Christopher Ketterer
Tomohiro Koike
Tevin P Leggs
Sarah Ellen Massie
Eric Jon Neubert - Magna Cum Laude
Erica Christine Pincumbe
Kyle J Schueller - Cum Laude
Corey Kenneth Zeutzius - Cum Laude
Wenhan Zhang

Bachelor of Science in Mathematics
Cambry Rose Totten-Wade
Dale P Bigler
Brendan Christopher Falk
Andrew Ernest Flood
Matthew James Huey
Floyd Benjamin Johnson - Magna Cum Laude
Maxwell Christopher Ketterer
Tomohiro Koike
Tevin P Leggs
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Eric Jon Neubert - Magna Cum Laude
Erica Christine Pincumbe
Kyle J Schueller - Cum Laude
Corey Kenneth Zeutzius - Cum Laude
Wenhan Zhang

Bachelor of Science in Biochemistry and Molecular Biology
Alexandri Adele Armentrout - Magna Cum Laude
Alice Stephanie Contreras
Quinton Arthur Krueger
Catherine Ellen Latuszek
Peter Michael-Egon Nouhan - Magna Cum Laude
Mary Margaret Stangis
Jared Lee Bazzie
Braden Wolfe LaNore
Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Medical Laboratory Science
Julia Marie Belej
Madison Joanna Brooks - Magna Cum Laude
Hailey Ann Cochrane - Magna Cum Laude
Devin Lawernce Keefer
Allyson Lauren McEwen
Braden J Peterson - Summa Cum Laude
Katie Lou Marie Schjoth - Magna Cum Laude
Mary Ann Tedeschi
Katherine Elaine Turner - Cum Laude
Austin Thomas Hermann
Katharina Unfried - Cum Laude
Kelci Ann Mohrman - Summa Cum Laude
David Mark Russell
Colin Pierce Sheidler
Nicholas Scott Videtic

Bachelor of Science in Physics
Joshua Robert Houkkooper - Cum Laude
Lisa Konig
Rebecca R Stoffel - Cum Laude
Brittany Lynn Turner
Ann Marie Turvey - Cum Laude
Austin Thomas Hermann
Floyd Benjamin Johnson - Magna Cum Laude
Kelci Ann Mohrman - Summa Cum Laude
David Mark Russell
Colin Pierce Sheidler
Nicholas Scott Videtic

Bachelor of Science in Psychology
Jared Lee Bazzie
Braden Wolfe LaNore
Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Software Engineering
Julia Marie Belej
Madison Joanna Brooks - Magna Cum Laude
Hailey Ann Cochrane - Magna Cum Laude
Devin Lawernce Keefer
Allyson Lauren McEwen
Braden J Peterson - Summa Cum Laude
Katie Lou Marie Schjoth - Magna Cum Laude
Mary Ann Tedeschi
Katherine Elaine Turner - Cum Laude
Austin Thomas Hermann
Floyd Benjamin Johnson - Magna Cum Laude
Kelci Ann Mohrman - Summa Cum Laude
David Mark Russell
Colin Pierce Sheidler
Nicholas Scott Videtic

Bachelor of Science in Sports and Fitness Management
Jared Lee Bazzie
Braden Wolfe LaNore
Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Social Sciences
Taryn Catherine Clisch - Magna Cum Laude

Bachelor of Science in Statistics
Mary Louise Haworth
Mary Louise Haworth

Bachelor of Science in Scientific and Technical Communication
Jared Lee Bazzie
Braden Wolfe LaNore
Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Construction Management
Ronald B Hasenbusch

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Bachelor of Science in Biochemistry and Molecular Biology
Alexandri Adele Armentrout - Magna Cum Laude
Alice Stephanie Contreras
Quinton Arthur Krueger
Catherine Ellen Latuszek
Peter Michael-Egon Nouhan - Magna Cum Laude
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Bachelor of Science in Medical Laboratory Science
Julia Marie Belej
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Nicholas Scott Videtic

Bachelor of Science in Sports and Fitness Management
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Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Social Sciences
Taryn Catherine Clisch - Magna Cum Laude

Bachelor of Science in Statistics
Mary Louise Haworth

Bachelor of Science in Scientific and Technical Communication
Jared Lee Bazzie
Braden Wolfe LaNore
Ramandeep S Rekhi
Brent Michael Vuglar

Bachelor of Science in Construction Management
Ronald B Hasenbusch
Bachelor of Science in Computer Network and System Administration
Quinten Alexander Moughler - Cum Laude
John Lyon Parker
Matthew D Wintjes
Justin Michael Alava - Cum Laude
Anthony Jacob Amato
Cameron Scott Blease
Michael William Daly
Andrew Dumitrescu-Mihaly
Todd Douglas Fox - Magna Cum Laude
Levi Jun Freund
Michael Joseph Hewitt
Jason Leo Hurd
Brandon Christopher Jodon
Daniel Eric Knudsen - Cum Laude
Zachary Frederick Raubinger
Joel M Schneider
Reilly Ernest Schreiber
Kory Edward Wegmeyer - Summa Cum Laude

Bachelor of Science in Electrical Engineering Technology
Branden Owen Devries
Andrew Joseph Dorton
Glenn Himawan - Cum Laude
Austin M Ostipow

Bachelor of Science in Mechanical Engineering Technology
Michael Alexander Berekcy
Katie M Birach
Matthew Z Coobac
Frank Dara - Magna Cum Laude
Scott M Fisher
Alexander Duey Holihan
Samuel Robert Phelan
Sarah Noel Pugh - Cum Laude
Jacob Daniel Rissi
Kyle Daniel Rosenthal
Mackenzie Allen Sandberg
Jacob Sellhausen - Summa Cum Laude
Michael J Van Rite
Andrew W Vertein

Bachelor of Science in Surveying Engineering
Jay Evan Tropf

Master of Business Administr. in Business Administration
Joshua J Buettner

Master of Engineering in Engineering
Anish Agarwal
Jose Franco Cano Flores
Rutvi Pravinkumar Thanki
Zhuo Xu

Master of Forestry in Forestry
Shane Clarence Kleiman
Ben Paul Travis

Master of Geographic Info Sci in Geographic Information Science
Shane Clarence Kleiman
YanYun Li

Master of Science in Accounting
James Philip Sturos

Master of Science in Biomedical Engineering
Saili Sidharthan Karipott
Sayali Vinaya Kulkarni
Praharsh Madappaly Veetil
Tobias Jacob Mahan
Samerender Nagam Hanumantharao

Master of Science in Civil Engineering
Wanbing Bai
Jacob Erickson
Juehan Fu
Xinyuan Fu
Isaiah Scott Hackney
Ehtesham Uddin Khan
John Florian Kleiber
Margaret Mae Kioote
Matthew R Lavallee
Chao Lu
Peter Johannes Meingast
Leigh Miller
Suraj Prasanna Kumar
Elliot Michael Rouleau
Joseph William Schmitt
Luke Allen Tolkkinen
Formal Session of the Board of Trustees - IV. Consent Agenda

Michigan Technological University
Degrees Awarded for Conferral Term 201701

Master of Science in Chemical Engineering
Chinmay S Joshi
Ashitosh Ashok Karnavat
Robert Michael Martens
Jacob Eugene McDonald
Edward J Mcaboy
Varun Parepally
Nicholas Patrick Stoll
Lakshmanan M Subramanian
Abhishek Rajendra Vispute
Ruiting Zhan

Master of Science in Computer Engineering
Handy Chandra
Ian Thomas Cummings
Sachin Fernandes
Venkata Sujit Katragadda
James Thomas Radwill
Priyanka Ramasamy

Master of Science in Electrical Engineering
FNU Amanveer Singh
Pratheek Annamdevula
FNU Anurag
Kedar Dilip D Bhave
Praveen Balaji Buduru
Aniket Sunil Chaphalkar
Saurabh Prakash Chaudhari
Issac Samuel Crisp
Chris D Deiro
Akram Faridi
Syed Ahmed Fuad
Vishal Ekanath Ghadge
Lalit Arvind Ghatpande
Ankita Gupta
Prathamesh Prashant Hambir
Syed Awn Muhammad Jafri
Marg Jitendrakumar Jani
Aswin Jayaprakash
Abhishek Narendra Joshi
Jeet Shishir Joshi
Rohit George Joshi
Prithvi Kambhampati
Satya Sundara Sagar Karri
Hiteshkumar Bansidhar Kela*
Fardeen Ahmed Khan
Ramya Mancheri
Dwaipayan Majumdar
Ebaad Ur Rehman Malik
Prannay Ramesh Malvi
Siva Prudhi Maneppalli
Dinesh Marrapu
Abhilash Motanwar
Md Syed Abu Nahid
Chaitali Ravikant Naik
Rakesh Anil Kumar Nair
Busra Ovali
Sri Ramachari Paravastu Pattarabhiran
Harshil Patel
Lowell Joseph Pinto
Nikhil Bellappa Poyettira Thilak
Rebecca Lynn Prich
Namitha Ramachandran
Saurabh Sharad Ranalkar
Abhishek Ravindran
Srinivas Samavedam
Prithviraj Nitin Sandanshi
Utkarsh Sharma
Harsh Gaurang Vashi
Siddharth Rajesh Wadhawan
Salman Bashir Waghu
Boyang Wu
Yan Yan

Master of Science in Environmental Engineering
Derek Tanner Benoy
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Michael James Candler
Ritugandha Shailendra Chaugule
Lalita Manasa Erra
Kristen Marie Jung
Divya Kamath
David Kierys
Prakruti Valiveti

Master of Science in Environmental Engineering Science
Jiaqi Chen

Master of Science in Geology
Eric Alexander Macleod
Simone Puel

Master of Science in Geophysics
Fatma Sinem Boyaci
Timucin Cakir
Erdem Cetin

Master of Science in Mechanical Engineering
Tejeshwar Anbazhagan Vignesh
FNUE Ankith Ullal
Ranjith Badarmanahalli Sidddegowda
Arnoy Sanjay Badhe
Swapnil Sambhaji Bamane
Chirag Bangera
Saravana Kumar Chellappa
Mark Andrew Coldren
Benjamin Hugo Daavettila
Mayank Rajesh Darji
Swarup Shrikant Deshpande
Sourabh Prashant Deshpande
Karankumar Chandrakant Dhankani
Prateek Dhawan
Aniket Ajit Doke
Vinay Kumar Ermadi
Michael Lawrence Freundl
Jaideep Hansilkar
Rakshin Ananda Holur
Rachel Ann Hook
Richard Joseph Hynningen
Kewin Saji Jacob
Sarah Jalal
Jeffy Joseph
Yuvaraj Sambhaji Kamandar
Puja Kishor Karde
Rahul Komma
Avi Kumar
Ayush Lal
Brook Raymond Larson
Xiaohe Li
Jon Gregory Loesche
Alexander Marcus Lurie
Saurabh Sanjay Mahadik
Datta Sandesh Manjunath
Shravan Mehra
Amit Mohan Mensi
Romil Pahwa
Matthew Zobitz Palo
Rohit Ishvar Panchal
Siddharth Yogesh Parmar
Harsh Pravinkumar Patel
Sagar Sunil Patil
Sagar Phaikhe
Nitin Krishna Pradhan
Oudumbar Rajput
Gautham Surya Ramanathan
Kishan Sudhakar Rao
Saumya Rajeshbhai Reshamwala
Paul Michael Roehm
Amber Ramesh Sahasrabudhe
Pranav Rajendra Salunke
Deepak Samavedam
FNUE Sankalp
Kahaan Paresh Shah
Hardik M Shah
Michigan Technological University
Degrees Awarded for Conferral Term 201701

Udit Sharma
Anshul Sharma
Rahul Ramakant Shinde
Sparsh Shrivastava
Nishant Singh
Sujit Sanjeevkumar Sinha
Shashidhara Reddy Sirigireddy
Gourav Teja Srusti
Britant Sureka
Micaela Madigan Thiery
Aakash Vasant Todakar
Nikita Aij Vartak
Michulesh Veilanki
Kunal Vohra
Anup Vijay Wakodikar
Yakun Wang
Xin Wang
Nishchal Yajnik
Md Bani Yameen
Jianfeng Zhang

Master of Science in Mining Engineering
Amol Paithankar

Master of Science in Materials Science and Engineering
Avishan Arab Shomali
John James Laureto
Mingyang Li
Qianli Ma
Shyam Sanjeevi
Kai Chun Tung
Dafu Wang
Karl Christian Warsinski
Xuechen Wu
Shan Zhong

Master of Science in Applied Ecology
Matthew Thomas Custer

Master of Science in Forestry
Ashlee Marie Baker Lehner
Elizabeth Joyce Ernst
Noah Andrew Goyke
Mustafa Kagan Ozkal

Master of Science in Forest Molecular Genetics and Biotechnology
Prijyanka Dipak Kadav
Natasha Irene Chopp
Ashley Kern
Adam Abraham Mitteer
Ebrahim Karimi Tarshizi

Master of Science in Data Science
John James Laureto
Mingyang Li
Qianli Ma
Shyam Sanjeevi
Kai Chun Tung
Dafu Wang
Karl Christian Warsinski
Xuechen Wu
Shan Zhong

Master of Science in Applied Cognitive Science and Human Factors
Madeline Jean Peabody
Catherine Loretta Tislar

Master of Science in Applied Science Education
Jonathan David Pragle

Master of Science in Biological Sciences
David Cleary Fenlon
Weixiang Liu
Pedro Rodriguez
Alichia Sunflower Wilson

Master of Science in Chemistry
Joseph Robert Fedie

Master of Science in Computer Science
Sree Ram Akula
Mohammad Saajib Al Seraj
Haitang Duan
Jinxin Fang
Farhana Haque
Deval Dilip Keralia

Master of Science in Environmental and Energy Policy
Mariah Linda Maggio
Matthew Gage

Master of Science in Mathematical Sciences
Daniel Kenneth Crane
Joshua Thomas Davies

Master of Science in Rhetoric, Theory and Culture
Alexis Cho Newton

Master of Science in Integrated Geospatial Technology
Chandra Lytle

Doctor of Philosophy in Biomedical Engineering
Yuan Liu
Hao Meng
Yu Wang

Doctor of Philosophy in Civil Engineering
Renee C Oats
### Degrees Awarded for Conferral Term 201701

<table>
<thead>
<tr>
<th>Degree</th>
<th>Name</th>
<th>Specialty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctor of Philosophy in Chemical Engineering</td>
<td>Benjamin David Winter</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Computer Engineering</td>
<td>Jacob Eugene McDonald</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Electrical Engineering</td>
<td>Lin Liu</td>
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<tr>
<td>Doctor of Philosophy in Electrical Engineering</td>
<td>Yuenyong Nilsiam</td>
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<tr>
<td>Doctor of Philosophy in Geology</td>
<td>Caoyang Jiang</td>
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<td>Doctor of Philosophy in Geology</td>
<td>Anthony J Pinar</td>
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<td>Doctor of Philosophy in Geology</td>
<td>Amir Rezaei</td>
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<tr>
<td>Doctor of Philosophy in Materials Science and Engineering</td>
<td>Jordan Robert Mertes</td>
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<tr>
<td>Doctor of Philosophy in Materials Science and Engineering</td>
<td>Shan Zhao</td>
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<tr>
<td>Doctor of Philosophy in Engineering - Environmental Engineering</td>
<td>Anika Kuczynski</td>
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</tr>
<tr>
<td>Doctor of Philosophy in Forest Science</td>
<td>Yuzhe Zhang</td>
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<tr>
<td>Doctor of Philosophy in Forest Science</td>
<td>Akwasi Duah-Gyamfi</td>
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<td>Doctor of Philosophy in Forest Science</td>
<td>Scott Crandall Hillard</td>
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<tr>
<td>Doctor of Philosophy in Biochemistry and Molecular Biology</td>
<td>Komal Kumar Bollepogu Raja</td>
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<tr>
<td>Doctor of Philosophy in Biochemistry and Molecular Biology</td>
<td>Sachin Madhavrao Bhosle</td>
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<tr>
<td>Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics</td>
<td>Ming Cheng</td>
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<td>Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics</td>
<td>David Michael Labyak</td>
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<td>Kristina Marie Lawyer</td>
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<td>Anurag Rajan</td>
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<td>Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics</td>
<td>Boopathi Singalalandapuram Mahadevan</td>
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<tr>
<td>Doctor of Philosophy in Applied Physics</td>
<td>Bishnu Prasad Tiwari</td>
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<td>Doctor of Philosophy in Biological Sciences</td>
<td>Cameron Wesley Goble</td>
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<td>Doctor of Philosophy in Chemistry</td>
<td>Anthony Daniel Matthys</td>
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<tr>
<td>Doctor of Philosophy in Chemistry</td>
<td>Soha Mohammedali Albukhari</td>
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<tr>
<td>Doctor of Philosophy in Computer Science</td>
<td>Ni Fan</td>
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<tr>
<td>Doctor of Philosophy in Computer Science</td>
<td>Bochao Li</td>
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<tr>
<td>Doctor of Philosophy in Computer Science</td>
<td>James W Walker</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Mathematical Sciences</td>
<td>Samer Ahmad Alokaily</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Mathematical Sciences</td>
<td>Olabanji Yusuf Shonibare</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Physics</td>
<td>Hugo Alberto Ayala Solares</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Rhetoric, Theory and Culture</td>
<td>Nathan Joseph Carpenter</td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy in Rhetoric, Theory and Culture</td>
<td>Lindsay Ann Hingst</td>
<td></td>
</tr>
</tbody>
</table>

*Addendum to Conferral:
Pranav Chipde degree awarded in term 201605
Hiteshukumar Bansidhar Kela degree awarded in term 201608

Michigan Technological University Student Records and Registration 16-Jun-2017
IV-C. GIFTS

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, 2016 through June 30, 2017
Compared to Prior Year

<table>
<thead>
<tr>
<th>Source</th>
<th>FY17 YTD Total</th>
<th>FY16 YTD Total</th>
<th>FY16 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals - Major Gifts (25K and up)</td>
<td>2,555,215</td>
<td>10,926,520</td>
<td>10,926,520</td>
</tr>
<tr>
<td>Realized Planned Gifts (Unanticipated)</td>
<td>25</td>
<td>287,439</td>
<td>287,439</td>
</tr>
<tr>
<td>Individuals - non-Major Gifts</td>
<td>1,774,514</td>
<td>1,767,521</td>
<td>1,775,791</td>
</tr>
<tr>
<td>Full Value New Planned Gift Commitments</td>
<td>31,082,905</td>
<td>11,809,230</td>
<td>11,809,230</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>1,370,016</td>
<td>1,506,320</td>
<td>1,491,595</td>
</tr>
<tr>
<td>Corporate Sponsored Research</td>
<td>12,228,856</td>
<td>460,485</td>
<td>3,025,560</td>
</tr>
<tr>
<td>Corporations</td>
<td>3,012,140</td>
<td>1,621,009</td>
<td>1,606,009</td>
</tr>
<tr>
<td>Foundations &amp; Other Organizations</td>
<td>288,574</td>
<td>319,300</td>
<td>319,300</td>
</tr>
<tr>
<td>Gifts-in-Kind</td>
<td>79,857</td>
<td>2,512,825</td>
<td>2,512,825</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>52,392,102</strong></td>
<td><strong>31,210,649</strong></td>
<td><strong>33,754,269</strong></td>
</tr>
</tbody>
</table>

-- A planned gift of $25 million was documented on September 19, 2016 from a donor who has requested to remain anonymous.
-- Except for the Annual Fund, all totals include outright gifts and the full amount of new pledge commitments
-- Annual Fund 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

07/11/2017  09:07
IV-D. RESIGNATIONS, RETIREMENTS AND OFF PAYROLL

Attached is a report of resignations, retirements and off payroll which have been approved by the President and are included for his 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


## RETIRED

<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>Department</th>
<th>Title</th>
<th>Hire Date</th>
<th>Term Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auer, Martin</td>
<td>Faculty</td>
<td>Civil &amp; Environmental Engineering</td>
<td>Professor</td>
<td>03/09/81</td>
<td>05/05/17</td>
</tr>
<tr>
<td>Auer, Nancy</td>
<td>Faculty</td>
<td>Biological Sciences</td>
<td>Professor</td>
<td>08/27/01</td>
<td>05/05/17</td>
</tr>
<tr>
<td>Brusso, Clifton</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Central Energy Plant Operator</td>
<td>10/04/89</td>
<td>05/01/17</td>
</tr>
<tr>
<td>Buda, Paul</td>
<td>Faculty</td>
<td>School of Technology</td>
<td>Assistant Professor</td>
<td>06/14/82</td>
<td>04/30/17</td>
</tr>
<tr>
<td>Goulette, Kathleen</td>
<td>Staff</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
<td>Executive Assistant</td>
<td>11/17/03</td>
<td>04/28/17</td>
</tr>
<tr>
<td>Hendricks, Michael</td>
<td>Staff</td>
<td>Vice President for Research</td>
<td>Director, Institutional Systems Development &amp; Analysis</td>
<td>01/29/90</td>
<td>06/03/17</td>
</tr>
<tr>
<td>Hiner, Helene</td>
<td>Staff</td>
<td>Provost and Vice President for Academic Affairs</td>
<td>Digital Measures Coordinator</td>
<td>02/16/84</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Hodek, Ralph</td>
<td>Faculty</td>
<td>Civil &amp; Environmental Engineering</td>
<td>Associate Professor</td>
<td>09/15/69</td>
<td>05/06/17</td>
</tr>
<tr>
<td>Jakovic, Karen</td>
<td>Staff</td>
<td>Douglass Houghton Hall Food Service</td>
<td>Cook</td>
<td>09/06/81</td>
<td>06/03/17</td>
</tr>
<tr>
<td>Korpela, Linda</td>
<td>Staff</td>
<td>Advancement</td>
<td>Manager of Donor Outreach &amp; Communications</td>
<td>02/12/06</td>
<td>04/14/17</td>
</tr>
<tr>
<td>Lasanen, Raymond</td>
<td>Staff</td>
<td>Financial Services &amp; Operations</td>
<td>Manager, Purchasing</td>
<td>08/20/81</td>
<td>06/30/17</td>
</tr>
<tr>
<td>O'Brien, Dale</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Facilities Manager</td>
<td>04/03/00</td>
<td>06/03/17</td>
</tr>
<tr>
<td>Perron, James</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Custodian</td>
<td>04/26/91</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Persha, Darlene</td>
<td>Staff</td>
<td>Aerospace Studies (Air Force ROTC)</td>
<td>Office Assistant 3</td>
<td>10/25/99</td>
<td>05/06/17</td>
</tr>
<tr>
<td>Staresnick, Martha</td>
<td>Staff</td>
<td>Wadsworth Hall Food Service</td>
<td>Food Service Utility</td>
<td>06/18/01</td>
<td>05/06/17</td>
</tr>
<tr>
<td>Stimac, David</td>
<td>Staff</td>
<td>Ford Center</td>
<td>Foreman Maintenance/Repair</td>
<td>07/04/94</td>
<td>04/05/17</td>
</tr>
<tr>
<td>Taivalkoski, David</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Director, Energy &amp; Sustainability</td>
<td>06/02/75</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Wall, Lawrence</td>
<td>Staff</td>
<td>Counseling Services</td>
<td>Psychiatric Social Worker</td>
<td>02/26/95</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Williams, Donald</td>
<td>Staff</td>
<td>Counseling Services</td>
<td>Director</td>
<td>11/27/89</td>
<td>06/30/17</td>
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</table>

## OFF-PAYROLL

<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>Department</th>
<th>Title</th>
<th>Hire Date</th>
<th>Term Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balyo, Scott</td>
<td>Staff</td>
<td>University Marketing &amp; Communications</td>
<td>Editorial Director</td>
<td>06/29/15</td>
<td>06/01/17</td>
</tr>
<tr>
<td>Bartunek, Christopher</td>
<td>Staff</td>
<td>Telecommunications</td>
<td>Telecommunications Technician/Engineer I</td>
<td>02/12/14</td>
<td>07/07/17</td>
</tr>
<tr>
<td>Bergman, Brenda</td>
<td>Faculty</td>
<td>Provost and Vice President for Academic Affairs</td>
<td>Research Assistant Professor</td>
<td>04/28/13</td>
<td>06/26/17</td>
</tr>
<tr>
<td>Bharti, Shivam</td>
<td>Staff</td>
<td>Innovation &amp; Industry Engagement</td>
<td>Technology Commercialization Associate</td>
<td>05/23/13</td>
<td>06/13/17</td>
</tr>
<tr>
<td>Bucheger, Duane</td>
<td>Faculty</td>
<td>Electrical and Computer Engineering</td>
<td>Professor of Practice</td>
<td>05/09/10</td>
<td>05/05/17</td>
</tr>
</tbody>
</table>
## OFF-PAYROLL Continued

<table>
<thead>
<tr>
<th>Name</th>
<th>Staff</th>
<th>Department</th>
<th>Position</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cracknell, Louise</td>
<td>Staff</td>
<td>Jackson Center for Teaching &amp; Learning</td>
<td>Office Assistant 5</td>
<td>11/09/15</td>
<td>05/06/17</td>
</tr>
<tr>
<td>Diaz, Johnny</td>
<td>Staff</td>
<td>Deputy Chief Information Officer</td>
<td>Director of Telecommunications</td>
<td>02/01/16</td>
<td>06/26/17</td>
</tr>
<tr>
<td>Dunstan, Margaret</td>
<td>Staff</td>
<td>Humanities</td>
<td>Administrative Aide 7</td>
<td>10/17/02</td>
<td>05/09/17</td>
</tr>
<tr>
<td>Ellis, Melissa</td>
<td>Staff</td>
<td>Housing and Residential Life</td>
<td>Residence Life Coordinator</td>
<td>08/11/14</td>
<td>05/19/17</td>
</tr>
<tr>
<td>Engler, Leah</td>
<td>Staff</td>
<td>Vice President for Research</td>
<td>Assistant Grants Analyst</td>
<td>06/19/14</td>
<td>06/02/17</td>
</tr>
<tr>
<td>Franke, Quentin</td>
<td>Staff</td>
<td>University Marketing &amp; Communications</td>
<td>Front End Developer</td>
<td>01/25/12</td>
<td>04/29/17</td>
</tr>
<tr>
<td>Frazier, Joshua</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Manager, Central Receiving</td>
<td>03/10/14</td>
<td>04/21/17</td>
</tr>
<tr>
<td>Gailing, Oliver</td>
<td>Faculty</td>
<td>School Forest Resources &amp; Environmental Science</td>
<td>Professor</td>
<td>06/01/09</td>
<td>05/31/17</td>
</tr>
<tr>
<td>Gauchia Babe, Antonio</td>
<td>Faculty</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
<td>Senior Lecturer</td>
<td>08/17/15</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Haggenmiller, Joseph</td>
<td>Staff</td>
<td>General Athletics</td>
<td>Head Coach Men &amp; Women Cross Country / Nordic Ski</td>
<td>08/04/03</td>
<td>04/15/17</td>
</tr>
<tr>
<td>Isaacson, Jillian</td>
<td>Staff</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
<td>Office Assistant 5</td>
<td>01/04/10</td>
<td>07/05/17</td>
</tr>
<tr>
<td>Kolacz, John</td>
<td>Staff</td>
<td>School of Technology</td>
<td>Research Associate</td>
<td>07/02/12</td>
<td>04/29/17</td>
</tr>
<tr>
<td>Kolacz, John</td>
<td>Staff</td>
<td>Electrical and Computer Engineering</td>
<td>Research Associate</td>
<td>07/02/12</td>
<td>04/28/17</td>
</tr>
<tr>
<td>LaLonde, Randall</td>
<td>Staff</td>
<td>Facilities Management</td>
<td>Supervisor Parking Enforcement</td>
<td>02/18/14</td>
<td>06/20/17</td>
</tr>
<tr>
<td>Littlefield, Jeremy</td>
<td>Staff</td>
<td>Visual &amp; Performing Arts</td>
<td>Scene Shop Supervisor</td>
<td>08/17/15</td>
<td>07/01/17</td>
</tr>
<tr>
<td>Maki, Gary</td>
<td>Staff</td>
<td>Public Safety &amp; Police Services</td>
<td>Sergeant</td>
<td>06/24/01</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Meese, James</td>
<td>Staff</td>
<td>Athletic/Recreation Facility Operations</td>
<td>Trail Manager</td>
<td>08/01/11</td>
<td>05/21/17</td>
</tr>
<tr>
<td>Mitchell, Christian</td>
<td>Staff</td>
<td>Dining Services</td>
<td>Food Service Helper</td>
<td>08/01/16</td>
<td>04/29/17</td>
</tr>
<tr>
<td>Pardieck, Cory</td>
<td>Staff</td>
<td>Housing and Residential Life</td>
<td>Residence Life Coordinator</td>
<td>07/05/16</td>
<td>06/01/17</td>
</tr>
<tr>
<td>Pearson, Melvin</td>
<td>Staff</td>
<td>General Athletics</td>
<td>Head Coach Hockey</td>
<td>05/16/11</td>
<td>05/12/17</td>
</tr>
<tr>
<td>Rosenthal, Heidi</td>
<td>Staff</td>
<td>Auxiliary Services</td>
<td>Office Assistant 4</td>
<td>08/29/16</td>
<td>05/07/17</td>
</tr>
<tr>
<td>Shuchuk, Gary</td>
<td>Staff</td>
<td>General Athletics</td>
<td>Assistant Coach Hockey</td>
<td>08/17/15</td>
<td>06/30/17</td>
</tr>
<tr>
<td>Snow, Joseph</td>
<td>Staff</td>
<td>Center for Technology &amp; Training</td>
<td>Data Support &amp; Account Specialist</td>
<td>03/07/16</td>
<td>04/21/17</td>
</tr>
<tr>
<td>Wallikainen, Emily</td>
<td>Staff</td>
<td>Financial Services &amp; Operations</td>
<td>Office Assistant 6</td>
<td>09/23/13</td>
<td>06/02/17</td>
</tr>
<tr>
<td>Wenger, Michael</td>
<td>Staff</td>
<td>Housing and Residential Life</td>
<td>Residence Life Coordinator</td>
<td>07/27/15</td>
<td>05/26/17</td>
</tr>
<tr>
<td>Wheaton, Edward</td>
<td>Staff</td>
<td>IT Operations</td>
<td>Senior System Administrator</td>
<td>02/13/12</td>
<td>05/05/17</td>
</tr>
<tr>
<td>Wheaton, Sandra</td>
<td>Staff</td>
<td>Kinesiology/Integrative Physiology</td>
<td>Office Assistant 4</td>
<td>11/12/12</td>
<td>06/09/17</td>
</tr>
</tbody>
</table>
**IV-E. TENTATIVE 2018 MEETING DATES**

At the October meeting of the Board of Trustees dates are generally set for next year’s meetings. In order for members to check their calendars, the tentative dates are presented. If there is a problem with any of these dates, members are asked to please notify the Board Secretary.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, February 23, 2018</td>
<td></td>
</tr>
<tr>
<td>Friday, May 4, 2018</td>
<td>(Commencement – Saturday, May 5)</td>
</tr>
<tr>
<td>Thursday, August 2, 2018</td>
<td>(Alumni Reunion)</td>
</tr>
<tr>
<td>Friday, September 28, 2018</td>
<td>(Homecoming)</td>
</tr>
<tr>
<td>Friday, December 14, 2018</td>
<td>(Commencement – Sat., December 15)</td>
</tr>
</tbody>
</table>

This is an informational item for the Board.

FYI – Please be aware as the Presidential Search progresses, there may be a need for additional special meetings called throughout the next year.
IV-F. MICHIGAN TECHNOLOGICAL UNIVERSITY/MICHIGAN TECH FUND AGREEMENT

Attached is the form of a proposed agreement to continue the provision of space and services to the Michigan Tech Fund for the period September 1, 2017 to August 31, 2018.

Successful continuation of the relationship between Michigan Tech and the Michigan Tech Fund is subject to the Fund's qualification as an institution permitted certain privileges with respect to credits on Michigan income tax. Specifically, Public Act No. 290 of 1974 reads in part:

“The tax credit shall be permitted only where the donee corporation, fund, foundation, trust or association is controlled or approved and reviewed by the governing boards of the institutions benefitting from the charitable contributions. Such nonprofit corporation, fund, foundation, trust, or association shall provide copies of their annual independently audited financial statements to the auditor general of the state and chairmen of the senate and house appropriations committees.”

RECOMMENDATION: That the Board of Trustees approves the Michigan Technological University/Michigan Tech Fund agreement and also, that the Board goes on record as having reviewed and approved the operations of the Michigan Tech Fund to continue as a recipient of donations eligible for the State of Michigan income tax credit.
AGREEMENT BETWEEN MICHIGAN TECHNOLOGICAL UNIVERSITY AND
THE MICHIGAN TECH FUND

This Agreement made September 1, 2017 between Michigan Technological University (“University”) and the Michigan Tech Fund (“Fund”).

WHEREAS, the Fund’s work in receiving and managing charitable gift assets for the University is critical to its ability to fulfill its mission and strategic direction, and

WHEREAS, Fund’s advocacy of the University’s mission and priorities constitutes a valuable service, and

WHEREAS, fundraising is a joint priority of the University and the Fund, and

WHEREAS, the University and the Fund desire to continue a heretofore existing arrangement:

IT IS AGREED:

1. In consideration of the support directly inuring to the benefit of the University from the activities of the Michigan Tech Fund, the University will provide to the Fund:
   a. supporting services including mail services, limited printing services, access to the phone network, and internal audit services;
   b. access to the Banner system for maintenance and upkeep of the alumni/development database. The University will partially fund the alumni database maintenance conducted by the Fund.

2. The Fund agrees to continue its various fundraising administrative support and asset management functions for the betterment and advancement of the University. The Fund also agrees to support consulting services as done in the past.

3. This agreement shall terminate on August 31, 2018 and will be considered for renewal for successive one-year periods. The grant or denial of such renewal shall be at the sole discretion of the Board of Trustees of Michigan Technological University.

By:

Michigan Technological University

By:

Michigan Tech Fund
V. ACTION/DISCUSSION ITEMS

A. Employee Recognition
B. Emeritus Rank
C. Appointment with Tenure
D. Michigan Council for the Arts
V-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 individual:

1.) Marty Auer – 36 years of service
2.) Paul Buda – 35 years of service
3.) Ralph Hodek – 47 years of service
4.) Karen Jakovic – 35 years of service
5.) Raymond Lasanen – 35 years of service
V-B. EMERITUS RANK

Recommendation for the granting of faculty emeritus status originates within the retiree’s academic department and proceeds through the respective college and school. Once approved, the recommendation is presented to the Provost, and if successful, to the President of the University for presentation to the Board of Trustees.

RECOMMENDATION: That the Board of Trustees approves the following emeritus/emerita appointments:

- Dr. Nancy Auer, Professor Emerita,
  Department of Biological Sciences

- Mr. Paul Buda, Professor Emeritus
  School of Technology
Michigan Tech

OFFICE MEMO

TO: Michigan Technological University Board of Trustees

FROM: Shekher Joshi, Chair, Biological Sciences

DATE: May 8, 2017

SUBJECT: Recommendation for Emerita Status

The faculty of the Biological Sciences Department voted on 5/4/2017 to request that the Michigan Technological University Board of Trustees name Dr. Nancy Auer as Professor Emerita upon her retirement on May 5, 2017.

Professor Nancy Auer has been on the biological sciences faculty since 1984. She is well known for her research on the restoration of iconic Great Lakes species such as lake sturgeon and Arctic grayling. Her work as the editor and author of a book on larval fishes of the Great Lakes remains the standard reference, and her recent book "The Great Lake Sturgeon," co-edited with Dave Dempsey, was recognized as a Michigan Notable Book. Dr. Auer maintains active committee service for state and regional groups such as several sturgeon task forces and steering committees of the Great Lakes Fishery Commission, and in 2015 received the Michigan American Fisheries Society J.W. Leonard award for her professional achievements. Dr. Auer's teaching and service record at Michigan Tech is broad and highlights her dedication to diversity, curriculum and assessment, graduate programs, and general education, and her personal and professional achievements earned her membership on the Michigan Tech Presidential Council of Alumnae.

Approved

Department Chair/School Dean

College Dean

Provost and Vice President for Academic Affairs

President

5/9/17

5/10/2017

17 May 2017

5/23/17

Revised 9/21/16
To: Michigan Technological University Board of Trustees

From: Jim Frendewey, Dean
School of Technology

Date: July 10, 2017

Subject: Recommendation for Emeritus Status

The School of Technology is requesting that the following recommendation be presented to the Michigan Technological University Board of Trustees for action to name Paul R. Buda as Professor Emeritus. Paul retired on April 30, 2017 after thirty-five years of service.

Paul Buda received his BS degree in 1976 and his MS degree in 1982, both in Civil Engineering from Michigan Tech University. He also received a BS degree in Surveying from Michigan Tech in 1992. Paul began his career at Michigan Tech in 1982 as an Instructor in Surveying. He was promoted to Assistant Professor in 1993 and served in that position until his retirement in 2017. He was one of the few tenured Assistant Professors at the university. Paul taught the introductory surveying course for many years and introduced a very large number of students from the School of Technology and Civil Engineering to the practice of surveying. Paul is an excellent teacher as evidenced by his being inducted into the Academy of Teaching Excellence in 2003; and over the last 13 years his average student evaluation score on the "summing it all up" question was 4.55 on a 5-point scale. Paul has been an active member of the Michigan Society of Professional Surveyors and a faculty advisor for the Douglass Houghton Student Chapter.

Paul has always been an excellent colleague, a valuable faculty member in the School of Technology, and a great contributor to the mission of the university. Paul Buda is certainly deserving of Emeritus status.

Approved

July 10, 2017
Department Chair/School Dean

College Dean

July 12, 2017
Provost and Vice President for Academic Affairs

Date

Composed by Assistant

Revised 9/21/16

President
V-C. APPOINTMENT WITH TENURE

Included herein is a request for the appointment of Dr. William H. Cooke, whom, with his initial appointment, will receive tenure.

Dr. William H. Cooke is being recommended for appointment as Professor with tenure in the Department of Kinesiology and Integrative Physiology effective August 21, 2017. The Department and College of Sciences and Arts Promotion and Tenure Committees, the Dean, the Provost, and the President have endorsed the recommendation for tenure. Dr. Cooke is currently a Professor with tenure and department chair of Kinesiology, Health, and Nutrition at the University of Texas at San Antonio. Cooke earned his PhD from the University of Houston in 1995.

RECOMMENDATION: That the Board of Trustees approves the appointment of Dr. William H. Cooke as Professor with tenure in the Department of Kinesiology and Integrative Physiology, effective August 21, 2017.
**INFORMATION SHEET FOR BOARD OF TRUSTEES**

William H. Cooke  
University of Texas at San Antonio

William H. Cooke, who is currently professor with tenure and department chair of Kinesiology, Health, and Nutrition at the University of Texas at San Antonio, is recommended to be hired at professor with tenure in the Department of Kinesiology and Integrative Physiology.

**Academic Degrees:**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Year</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D.</td>
<td>1995</td>
<td>University of Houston, Clear Lake, TX</td>
</tr>
<tr>
<td>M.A.</td>
<td>1991</td>
<td>University of Houston, Clear Lake, TX</td>
</tr>
<tr>
<td>B.S.</td>
<td>1990</td>
<td>Texas A&amp;M University, College Station, TX</td>
</tr>
</tbody>
</table>

**Professional Record:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Position Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 - present</td>
<td>Professor and Chair, Department of Kinesiology, Health and Nutrition, University of Texas at San Antonio, San Antonio, TX</td>
</tr>
<tr>
<td>2010 - present</td>
<td>Professor w/ tenure, Department of Kinesiology, Health and Nutrition, University of Texas at San Antonio, San Antonio, TX</td>
</tr>
<tr>
<td>2005 - 2010</td>
<td>Associate Professor w/ tenure, Department of Health and Kinesiology, University of Texas at San Antonio, San Antonio, TX</td>
</tr>
<tr>
<td>2003 - 2005</td>
<td>Research Physiologist, U.S. Army Institute of Surgical Research, Ft. Sam Houston, TX</td>
</tr>
<tr>
<td>2003</td>
<td>Associate Professor w/ tenure, Department of Biomedical Engineering, Michigan Technological University, Houghton, MI</td>
</tr>
<tr>
<td>1998 - 2003</td>
<td>Assistant Professor, Department of Biomedical Engineering, Michigan Technological University, Houghton, MI</td>
</tr>
<tr>
<td>1996 - 1998</td>
<td>Post-doctoral Research Associate, Department of Internal Medicine, Division of Cardiology, School of Medicine, Medical College of Virginia at Virginia Commonwealth University, Richmond, VA</td>
</tr>
</tbody>
</table>

**Summary of Accomplishments:**

- **Teaching**

For most external hires, we are forced to judge a candidate’s teaching accomplishments based upon recent student evaluations, a teaching statement, and letters of support. In Dr. Cooke’s case, we have these materials, but also have a unique insight through local evaluation as a faculty member at Michigan Tech (1998-2003). Dr. Cooke taught a number of courses for the Biomedical Engineering department, and was inducted into the Michigan Tech Academy of Teaching Excellence in 2002. He received tenure at Michigan Tech in 2003, just prior to his departure to the U.S. Army Institute of Surgical Research. Dr. Cooke reestablished his teaching excellence when he joined the University of Texas at San Antonio (UTSA) in 2005, where he also received tenure, and over time rose to the rank of professor with tenure and department chair. Dr. Cooke provided several recent student evaluations from UTSA, where the evaluations were consistently mid-to-high 4’s on a 5 point scale (where 5 is “excellent”). Dr. Cooke will immediately contribute to both the undergraduate and graduate courses within Kinesiology & Integrative Physiology, particularly in the areas exercise and systems physiology.

Page 1 of 2  
July 8, 2017
• **Research/Scholarly Activity**

Dr. Cooke has a broad and extensive research portfolio that fits with existing strengths at Michigan Tech. He has secured over $1.8 million in extramural research from a variety of federal and foundational sources, including the National Institutes of Health, Department of Defense, American Heart Association, and National Aeronautics and Space Agency. He has published two book chapters and eighty-three peer-reviewed journal manuscripts; ten of the journal manuscripts have been cited over 100 times, and three have been cited over 200 times. His research and scholarly achievements have been recognized by a number of notable awards, including the 2008 and 2009 UTSA College of Education and Human Development Distinguished Research Achievement Award, the 2013 UTSA President's Distinguished Achievement Award for Research, and induction into the UTSA Academy of Distinguished Researchers in 2015. Dr. Cooke was also recently elected a Fellow of the American College of Sports Medicine.

Dr. Cooke’s human physiology research will significantly advance the ongoing Michigan Tech human health initiative focused on health science and engineering research and innovation. He will be able to collaborate with existing faculty in KIP, Biological Sciences, and Biomedical Engineering. Of particular interest will be his expertise in emergency medicine (triage) research and his interests in cardiovascular health as it pertains to hypertension and diabetes.

• **Service**

Dr. Cooke’s professional service includes Board of Directors (elected) for the Texas Chapter of the American College of Sports Medicine, 2015-present; regular reviewer for several peer-reviewed journals of the American Physiological Society, The Physiological Society, American College of Sports Medicine, and the Aerospace Medical Association. Dr. Cooke has also served as department chair at UTSA since 2014, where he has contributed to a number of key service areas at the department-, college-, and university-level. Dr. Cooke’s excellence in teaching, research, and service will benefit the KIP department, the College of Sciences and Arts, and the university at-large. He will provide senior leadership and mentorship to one of the fastest growing areas of Michigan Tech research portfolio (i.e., NIH).

• **Recent and Significant Publications/Exhibitions/Performances/Etc.**


Underline denotes senior/corresponding author.

Page 2 of 2

July 8, 2017
V-D. MICHIGAN COUNCIL FOR THE ARTS

The Rozsa Center for the Performing Arts has prepared a proposal for submission to the Michigan Council for the Arts and Cultural Affairs. The funds requested in this proposal will support the costs associated with artist fees for the annual Presenting Series as well as partially support the following:

- 11/2/17: Voices of Light / The Passion of Joan of Arc, a collaborative performance with the 41 North Film Festival, KSO, and Michigan Tech Concert Choir
- 1/23/18: L.A. Theatre Work’s production of The Mountaintop, in collaboration with CDI’s annual MLK Banquet
- 2/28/18: Ailey II, an American modern dance company
- 3/24/18: Fred Hersch Trio, a jazz trio led by Fred Hersch, an award winning jazz pianist, composer, and LGBTQIA advocate and AIDS spokesperson
- 3/28/18: Scrap Arts Music, an athletic percussion ensemble that uses recycled industrial materials to create instruments

The amount of the grant request is $29,500.

The Michigan Council for the Arts and Cultural Affairs requires that proposals submitted to them for funding be authorized by the Board of Trustees.

RECOMMENDATION: That the Board of Trustees endorse the proposal from the Rozsa Center for the Performing Arts for submission to the Michigan Council for the Arts and Cultural Affairs.
VI. INFORMATIONAL ITEMS

A. Analysis of Investments
B. University Issued Bond Balances
C. Research and Sponsored Programs Report
D. Advancement and Alumni Relations Report
E. Recent Media Coverage
F. Employee Safety Statistics
VI-A. ANALYSIS OF INVESTMENTS

Attached are analyses of investments as of June 30, 2016 to June 30, 2017.
### MICHIGAN TECH UNIVERSITY
INVESTMENT PORTFOLIO
JUNE 30, 2016 THROUGH JUNE 30, 2017

<table>
<thead>
<tr>
<th>Fund Type</th>
<th>Market Value 6/30/16</th>
<th>Market Value 6/30/17</th>
<th>Change</th>
<th>Fiscal-Year Investment Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>Money Market Fund</td>
<td>$234,115</td>
<td>$54,298</td>
<td>$(179,817)</td>
<td>-0.02%</td>
</tr>
</tbody>
</table>

**Equity Funds:**

- **Columbia Seligman Com CL A**: $244,442, 244,442, $0, -2.22%
- **Delaware Value Fund**: 1,480,858, 2,299,754, 818,896, 5.70%
- **Fidelity Advisor Biotechnology CL A**: -242,283, 242,283, -0.09%
- **Fidelity Advisor Health Care CL A**: -247,914, 247,914, -0.83%
- **First Eagle Global Class A**: -249,613, 249,613, -0.15%
- **Vanguard Extended Market Index Fund**: 2,278,142, 2,730,112, 451,970, 21.50%
- **Vanguard 500 Index Fund**: 8,575,705, 9,908,159, 1,332,454, 17.72%

**Total Equity Funds**: 12,334,705, 15,922,277, 3,587,572

**Fixed Income Funds:**

- **Lord Abbett Bond Debenture Fund**: 7,527,635, 8,265,627, 737,992, 10.54%
- **Lord Abbett Short Duration Income Fund**: 7,523,781, 7,502,812, (20,969), 2.41%

**Total Fixed Income Funds**: 15,051,416, 15,768,439, 717,023

**Total**: $27,620,236, $31,745,014, $4,124,778, 10.92%

#### Current Asset Allocation

- **Money Market, 0.2%**
- **Fixed Income, 49.7%**
- **Equities, 50.2%**
VI-B. UNIVERSITY ISSUED BOND BALANCES

Attached is an analysis of net revenues, debt retirement, and trustee reserve funds for University Bonded Operations for the period ended June 30, 2017.
### MICHIGAN TECH UNIVERSITY
### OUTSTANDING BALANCES ON BOND ISSUANCES
### JUNE 30, 2017

<table>
<thead>
<tr>
<th>Bonds Outstanding</th>
<th>Long-Term Outstanding Amount</th>
<th>Current Outstanding Amount</th>
<th>Total Outstanding</th>
<th>Original Issue Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series 2008 Bond Issue (maturity 2038)</strong>&lt;br&gt;Purchase of UPPCO Building&lt;br&gt;Partial Funding of KRC Building&lt;br&gt;MUB Ballroom Renovation</td>
<td><strong>$ 5,090,000</strong></td>
<td>$ -</td>
<td>$ 5,090,000</td>
<td>$15,880,000</td>
</tr>
<tr>
<td><strong>Series 2009A Bond Issue (maturity 2039)</strong>&lt;br&gt;New Student Apartment Building&lt;br&gt;Partial Funding of KRC Building</td>
<td><strong>15,180,000</strong></td>
<td>$420,000</td>
<td><strong>$ 15,600,000</strong></td>
<td>$18,235,000</td>
</tr>
<tr>
<td><strong>Series 2010A Bond Issue (maturity 2040)</strong>&lt;br&gt;Great Lakes Research Center&lt;br&gt;A.E. Seaman Mineral Museum&lt;br&gt;KRC Building Purchase (Blizzard Building)&lt;br&gt;Life Safety Improvements on Campus</td>
<td><strong>8,120,000</strong></td>
<td>$220,000</td>
<td><strong>$ 8,340,000</strong></td>
<td>$10,975,000</td>
</tr>
<tr>
<td><strong>Series 2012A Bond Issue (maturity 2034)</strong>&lt;br&gt;Refunding of 2003 &amp; 2004 Fixed Rate Bond Issues&lt;br&gt;SDC Ice Plant and Partial Roof of SDC</td>
<td><strong>27,660,000</strong></td>
<td>$1,255,000</td>
<td><strong>$ 28,915,000</strong></td>
<td>$33,070,000</td>
</tr>
<tr>
<td><strong>Series 2013A Bond Issue (maturity 2036)</strong>&lt;br&gt;Refunding 2006 Bond Issue&lt;br&gt;Refunding partial 2008 Bond Issue</td>
<td><strong>12,025,000</strong></td>
<td>$765,000</td>
<td><strong>$ 12,790,000</strong></td>
<td>$14,265,000</td>
</tr>
<tr>
<td><strong>Series 2015A Bond Issue (maturity 2046)</strong>&lt;br&gt;Daniell Heights Renovation&lt;br&gt;Campus Dining Renovation&lt;br&gt;Fuel Storage Tank Facility&lt;br&gt;Chemical Storage Facility&lt;br&gt;Chemistry Labs Renovation&lt;br&gt;IT and Safety Systems Upgrades&lt;br&gt;McNair Hall Bathrooms Renovation</td>
<td><strong>23,435,000</strong></td>
<td>$435,000</td>
<td><strong>$ 23,870,000</strong></td>
<td>$24,295,000</td>
</tr>
<tr>
<td><strong>Total - All Bond Issues</strong></td>
<td><strong>$ 91,510,000</strong></td>
<td>$3,095,000</td>
<td><strong>$ 94,605,000</strong></td>
<td>$116,720,000</td>
</tr>
</tbody>
</table>
VI-C. RESEARCH AND SPONSORED PROGRAMS REPORT

A report of contracts and grants is attached hereto.

This is for the Board's information.
### Pre-Proposals Submitted

(excluded from Proposals Submitted figures below)

**FYTD 2016**: 63  
**FYTD 2017**: 56  

---

### Sponsored Awards
**Fiscal Year 2017**  
**4th Quarter**  
**Ended June 30, 2017**  
**TOTAL**: $59,714,383  

#### Proposals Submitted

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>NASA</td>
<td>58</td>
<td>71</td>
<td>35</td>
<td>29</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>169</td>
<td>186</td>
<td>60</td>
<td>65</td>
</tr>
<tr>
<td>US Department of Agriculture</td>
<td>69</td>
<td>48</td>
<td>43</td>
<td>43</td>
</tr>
<tr>
<td>US Department of Defense</td>
<td>90</td>
<td>72</td>
<td>100</td>
<td>69</td>
</tr>
<tr>
<td>US Department of Education</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>US Department of Energy</td>
<td>30</td>
<td>40</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td>US Department of HHS</td>
<td>47</td>
<td>45</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>US Department of Transportation</td>
<td>15</td>
<td>23</td>
<td>22</td>
<td>20</td>
</tr>
<tr>
<td>Other Federal Agencies</td>
<td>52</td>
<td>55</td>
<td>35</td>
<td>29</td>
</tr>
<tr>
<td><strong>Federal Agency Total</strong></td>
<td>532</td>
<td>543</td>
<td>325</td>
<td>292</td>
</tr>
<tr>
<td>State of Michigan</td>
<td>31</td>
<td>41</td>
<td>20</td>
<td>28</td>
</tr>
<tr>
<td>Industrial</td>
<td>200</td>
<td>181</td>
<td>190</td>
<td>188</td>
</tr>
<tr>
<td>Foreign</td>
<td>17</td>
<td>19</td>
<td>17</td>
<td>16</td>
</tr>
<tr>
<td>All Other Sponsors</td>
<td>93</td>
<td>72</td>
<td>40</td>
<td>31</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>873</td>
<td>856</td>
<td>592</td>
<td>555</td>
</tr>
<tr>
<td>Gifts**</td>
<td>N/A</td>
<td>N/A</td>
<td>305</td>
<td>334</td>
</tr>
<tr>
<td>Crowd Funding</td>
<td>N/A</td>
<td>N/A</td>
<td>17</td>
<td>27</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>873</td>
<td>856</td>
<td>914</td>
<td>916</td>
</tr>
</tbody>
</table>

#### Awards Received

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
</tr>
</thead>
<tbody>
<tr>
<td>NASA</td>
<td>3,004,822</td>
<td>1,422,217</td>
<td>1,582,605</td>
<td>111.3%</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>11,268,683</td>
<td>7,363,202</td>
<td>3,905,481</td>
<td>53.0%</td>
</tr>
<tr>
<td>US Department of Agriculture</td>
<td>3,977,021</td>
<td>2,078,969</td>
<td>1,898,052</td>
<td>91.3%</td>
</tr>
<tr>
<td>US Department of Defense</td>
<td>12,680,388</td>
<td>9,886,023</td>
<td>2,794,365</td>
<td>28.3%</td>
</tr>
<tr>
<td>US Department of Education</td>
<td>382,898</td>
<td>208,945</td>
<td>173,953</td>
<td>83.3%</td>
</tr>
<tr>
<td>US Department of Energy</td>
<td>4,908,866</td>
<td>2,289,109</td>
<td>2,619,757</td>
<td>114.4%</td>
</tr>
<tr>
<td>US Department of HHS</td>
<td>1,703,759</td>
<td>3,203,615</td>
<td>-1,499,856</td>
<td>-46.8%</td>
</tr>
<tr>
<td>US Department of Transportation</td>
<td>3,264,556</td>
<td>1,834,601</td>
<td>1,429,955</td>
<td>77.9%</td>
</tr>
<tr>
<td>Other Federal Agencies</td>
<td>2,722,642</td>
<td>2,289,109</td>
<td>2,619,757</td>
<td>114.4%</td>
</tr>
<tr>
<td><strong>Federal Agency Total</strong></td>
<td>3,004,822</td>
<td>1,422,217</td>
<td>1,582,605</td>
<td>111.3%</td>
</tr>
<tr>
<td>State of Michigan</td>
<td>1,770,931</td>
<td>3,808,672</td>
<td>-2,037,741</td>
<td>-53.5%</td>
</tr>
<tr>
<td>Industrial</td>
<td>7,068,997</td>
<td>7,128,823</td>
<td>-59,826</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Foreign</td>
<td>1,184,275</td>
<td>857,054</td>
<td>327,221</td>
<td>38.2%</td>
</tr>
<tr>
<td>All Other Sponsors</td>
<td>1,570,066</td>
<td>857,054</td>
<td>327,221</td>
<td>38.2%</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td>11,268,683</td>
<td>3,808,672</td>
<td>3,560,054</td>
<td>92.6%</td>
</tr>
<tr>
<td>Gifts**</td>
<td>4,179,577</td>
<td>7,439,801</td>
<td>-3,260,224</td>
<td>-43.8%</td>
</tr>
<tr>
<td>Crowd Funding</td>
<td>26,902</td>
<td>26,602</td>
<td>300</td>
<td>1.1%</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>59,714,383</td>
<td>51,661,818</td>
<td>$8,052,565</td>
<td>15.6%</td>
</tr>
</tbody>
</table>

---

**Footnotes:**


**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 - VI. Informational Items

-PRELIMINARY-
Vice President for Research
Fiscal Year 2017
4th Quarter
Ended June 30, 2017

TOTAL: $59,714,383

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).

### SPO & IIE Metrics

<table>
<thead>
<tr>
<th>SPO &amp; IIE Metrics 1</th>
<th>Administration</th>
<th>College of Engineering</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>School of Business &amp; Economics</th>
<th>School of Forest Resources &amp; Env Science</th>
<th>School of Technology</th>
<th>Totals</th>
<th>Fiscal Comparison</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposals Submitted</td>
<td>16</td>
<td>387</td>
<td>163</td>
<td>7</td>
<td>73</td>
<td>89</td>
<td>4</td>
<td>5</td>
<td>121</td>
<td>8</td>
<td>873</td>
<td>856</td>
<td>2.0%</td>
</tr>
<tr>
<td>Federal</td>
<td>80,994</td>
<td>15,350,219</td>
<td>5,507,673</td>
<td>-</td>
<td>5,026,786</td>
<td>2,550,760</td>
<td>97,521</td>
<td>-</td>
<td>4,006,224</td>
<td>149,184</td>
<td>33,569,964</td>
<td>24,339,847</td>
<td>37.9%</td>
</tr>
<tr>
<td>Federal Pass-Through</td>
<td>224,853</td>
<td>4,913,216</td>
<td>758,024</td>
<td>187,483</td>
<td>29,714</td>
<td>4,058,311</td>
<td>7,350</td>
<td>-</td>
<td>164,720</td>
<td>-</td>
<td>10,343,671</td>
<td>6,538,009</td>
<td>58.2%</td>
</tr>
<tr>
<td>Foreign</td>
<td>1,130,659</td>
<td>2,136,595</td>
<td>458,982</td>
<td>4,750</td>
<td>56,683</td>
<td>311,583</td>
<td>10,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,184,275</td>
<td>857,054</td>
<td>38.2%</td>
</tr>
<tr>
<td>Gifts</td>
<td>555</td>
<td>7,284</td>
<td>4,337</td>
<td>3,700</td>
<td>3,700</td>
<td>3,529</td>
<td>3,797</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>26,902</td>
<td>26,602</td>
<td>1.1%</td>
</tr>
<tr>
<td>Crowd Funding</td>
<td>162,478</td>
<td>3,096,250</td>
<td>13,759</td>
<td>128,221</td>
<td>-</td>
<td>19,300</td>
<td>923,786</td>
<td>-</td>
<td>7,068,997</td>
<td>-</td>
<td>7,128,823</td>
<td>7,439,801</td>
<td>-43.8%</td>
</tr>
<tr>
<td>Industry</td>
<td>12,000</td>
<td>387,454</td>
<td>687,554</td>
<td>2,000</td>
<td>258,370</td>
<td>15,000</td>
<td>20,000</td>
<td>187,688</td>
<td>-</td>
<td>-</td>
<td>1,170,931</td>
<td>1,523,010</td>
<td>3.1%</td>
</tr>
<tr>
<td>Other</td>
<td>797,149</td>
<td>771,030</td>
<td>37,364</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3,808,672</td>
<td>3,808,672</td>
<td>-52.5%</td>
</tr>
<tr>
<td>Total S by Division</td>
<td>2,408,688</td>
<td>27,549,209</td>
<td>7,651,048</td>
<td>211,692</td>
<td>7,842,086</td>
<td>7,095,662</td>
<td>434,983</td>
<td>53,097</td>
<td>6,283,234</td>
<td>184,684</td>
<td>59,714,383</td>
<td>51,661,818</td>
<td>15.6%</td>
</tr>
</tbody>
</table>

### Percent Change

<table>
<thead>
<tr>
<th>Percent Change</th>
<th>Administration</th>
<th>College of Engineering</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>School of Business &amp; Economics</th>
<th>School of Forest Resources &amp; Env Science</th>
<th>School of Technology</th>
<th>Totals</th>
<th>Fiscal Comparison</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disclosures Received 2</td>
<td>-</td>
<td>76.25%</td>
<td>18.47%</td>
<td>-</td>
<td>5.28%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>38</td>
<td>32</td>
<td>18.8%</td>
</tr>
<tr>
<td>NonDisclosure Agreements</td>
<td>-</td>
<td>52</td>
<td>17</td>
<td>-</td>
<td>14</td>
<td>2</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>105</td>
<td>111</td>
<td>-5.4%</td>
</tr>
<tr>
<td>Patents Filed or Issued</td>
<td>-</td>
<td>58.82%</td>
<td>35.29%</td>
<td>5.88%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>17</td>
<td>17</td>
<td>0.0%</td>
</tr>
<tr>
<td>License Agreements</td>
<td>-</td>
<td>11</td>
<td>5</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>18</td>
<td>20</td>
<td>-10.0%</td>
</tr>
<tr>
<td>Gross Royalties 2</td>
<td>-</td>
<td>57.14%</td>
<td>24.49%</td>
<td>16.33%</td>
<td>-</td>
<td>2.04%</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>326,169</td>
<td>301,120</td>
<td>8.3%</td>
</tr>
</tbody>
</table>

1 Combined Metrics from both the Sponsored Programs Office (SPO) and Innovation & Industry Engagement (IIE)
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).
Formal Session of the Board of Trustees - VI. Informational Items

-PRELIMINARY-
Sponsored Awards
-Industry-
COMBINED
Fiscal Year 2017
4th Quarter
Ended June 30, 2017

TOTAL: $15,930,364

<table>
<thead>
<tr>
<th>Industry Segment</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
<th>FY '17 as of 6/30</th>
<th>FY '16 as of 6/30</th>
<th>Variance $</th>
<th>Variance %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive</td>
<td>7,396,022</td>
<td>4,834,597</td>
<td>2,561,425</td>
<td>53.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business &amp; Economics</td>
<td>458,269</td>
<td>191,355</td>
<td>266,914</td>
<td>139.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical</td>
<td>708,046</td>
<td>608,002</td>
<td>100,044</td>
<td>16.5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civil</td>
<td>182,151</td>
<td>108,430</td>
<td>73,721</td>
<td>-64,710 -60.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer Products</td>
<td>744,384</td>
<td>588,963</td>
<td>155,421</td>
<td>26.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Defense &amp; Space</td>
<td>2,939,662</td>
<td>1,687,208</td>
<td>1,252,454</td>
<td>74.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy</td>
<td>724,092</td>
<td>735,900</td>
<td>-11,808</td>
<td>-1.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental</td>
<td>157,329</td>
<td>129,959</td>
<td>27,370</td>
<td>21.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td>530,093</td>
<td>381,552</td>
<td>148,541</td>
<td>38.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Engineering</td>
<td>204,332</td>
<td>206,520</td>
<td>-2,188</td>
<td>-1.1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT Services</td>
<td>750,829</td>
<td>611,886</td>
<td>138,943</td>
<td>22.7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mining &amp; Metals</td>
<td>420,984</td>
<td>735,900</td>
<td>-374,916</td>
<td>-50.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>244,388</td>
<td>623,048</td>
<td>-378,660</td>
<td>-60.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology</td>
<td>469,783</td>
<td>342,036</td>
<td>127,747</td>
<td>36.9%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>15,930,364</td>
<td>12,543,545</td>
<td>3,386,819</td>
<td>27.0%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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.
VI-D. ADVANCEMENT AND ALUMNI ENGAGEMENT REPORT

Attached is a report from Dr. Les Cook, Vice President for Student Affairs and Advancement, on the university’s advancement and alumni relations activities.

This is for the Board’s information.
Advancement and Annual Giving

- A total of $52.39 million was raised for Michigan Tech from July 1, 2016 through June 30, 2017, 150% of the fundraising goal of $35.0 million for FY 2017.

- Major/Planned Giving raised $34.3 million in FY 2017—196% of its $17.5 million FY goal.
  - Includes $25 million documented by a planned gift donor who wants to remain anonymous
  - Remaining pending gift asks for this category total $44.6 million as of June 30, 2017

- The planned giving registry totals $157.5 million as of June 30, 2017.
  - $98.9 million (62%) is endowed
  - $137.1 million (87%) is revocable
  - $1.9 million was realized in FY 2017; actuarial expectancy of $51.25 million in next 15 years

- Annual fund raised $1.363 million (91% of $1.5 million goal) and overall annual giving was $2.47 million (90% of $2.75 million goal). Faculty and staff participation rate was 28.56% highest since 2007.

- The Advancement team made a total of 976 personal visits in FY 2017—101% of the 960 visits goal for the entire twelve months.

- Advancement and Alumni Engagement have launched a new marketing plan to help increase readership and views on all of our digital and print marketing pieces.

Alumni Engagement

- Enjoy the reunion festivities: We currently have over 200 guests registered to attend. (We will get an updated count as we get closer)

- New this year! Family U day brought generations together for fun and learning on August 2. Parents and grandparents investigated the properties of copper and other learning activities together. These activities facilitate the lifecycle of engagement.


- Honored Groups - Women of Michigan Tech, Michigan Tech Student Foundation & Men's Basketball, Pep Band, SFRES special events. For more information www.mtu.edu/alumni/reunion
• To date, 3,225 alumni have signed in and 530 have updated their information in the My Michigan Tech alumni portal. As a reminder, this portal allows alumni to reconnect through the exclusive online alumni directory and share their accomplishments and milestones with classmates by posting a class note. (Most of these are also published in the Michigan Tech magazine.)
VI-E. RECENT MEDIA COVERAGE

Included herein are recent news items that have appeared throughout the country.

This is for the Board’s information.
News Media Report  
University Marketing & Communications  
April 8, 2017—July 14, 2017

### News by Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletics</td>
<td>651</td>
</tr>
<tr>
<td>Alumni</td>
<td>497</td>
</tr>
<tr>
<td>Research</td>
<td>824</td>
</tr>
<tr>
<td>Student Life</td>
<td>644</td>
</tr>
<tr>
<td>Business/People</td>
<td>118</td>
</tr>
<tr>
<td>Events</td>
<td>521</td>
</tr>
<tr>
<td>Hometown News</td>
<td>92</td>
</tr>
<tr>
<td>Curricula/Programs</td>
<td>149</td>
</tr>
<tr>
<td>Other</td>
<td>539</td>
</tr>
</tbody>
</table>

---

**Total Traditional Media**  4,035

### Social Media

Michigan Tech’s social media followers are increasing steadily. Here are the numbers from April 8 through July 14, 2017

<table>
<thead>
<tr>
<th>Platform</th>
<th>Impressions/Clicks/Shares</th>
<th>Comments/Likes</th>
<th>Pageviews/Subscribers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td>4,719,807 post impressions</td>
<td>18,595 post clicks</td>
<td></td>
</tr>
<tr>
<td>Twitter</td>
<td>302,800 post impressions</td>
<td>1,311 post clicks</td>
<td></td>
</tr>
<tr>
<td>Instagram</td>
<td>18,011 photo/video likes</td>
<td>94 comments</td>
<td></td>
</tr>
<tr>
<td>LinkedIn</td>
<td>2,898 pageviews</td>
<td>649 new followers</td>
<td></td>
</tr>
<tr>
<td>YouTube</td>
<td>26,346 video views</td>
<td>55,419 minutes watched</td>
<td>1,600 total subscribers</td>
</tr>
<tr>
<td>Snapchat</td>
<td>1,505 friends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pinterest</td>
<td>205 followers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A Few Examples


Money Magazine’s 2017 “Best Colleges for Your Money” ranked Michigan Tech in the top 100 universities overall and in the top 50 public universities. See http://time.com/money/best-colleges/profile/michigan-technological-university/

Reuters news service published an article about Minneapolis Federal Reserve President Neel Kashkari's Town Hall meeting at Michigan Tech. CNBC, WLUC TV6, ABC News10 and other media outlets covered the Town Hall. See http://www.reuters.com/article/us-usa-fed-kashkari-idUSKBN19I2XU

The USA Today network posted an article about a dramatic waterfall rescue, including a video of Michigan Tech students’ robotic water rescue device. The story was published in newspapers all across the country. See http://www.montgomeryadvertiser.com/story/news/nation-now/2017/06/27/siobhan-mcandrew/430636001/

Science magazine, the Associated Press and numerous other news outlets reported on the latest winter study of the wolves and moose of Isle Royale National Park. See http://www.sciencemag.org/news/2017/04/two-wolves-survive-world-s-longest-running-predator-prey-study

Venture Michigan, an online magazine about the state's technology innovators, entrepreneurs and the people who fund them, published a feature about Tech alumna Emily Geiger, who is the founder and co-owner of Craft Cultures Yeast Labs. See http://www.venturemichiganmag.com/

The Chronicle of Higher Education reported on President Glenn Mroz's plan to step down from the presidency and return to the faculty in 2018. See http://www.chronicle.com/article/Appointments-esignations/239797?cid=wcontentlist_6_listtop

*WXIX-TV* (Cincinnati, Ohio) and other TV stations around the country reported that the DENSO North America Foundation has awarded nearly $1 million in grants to 22 colleges and universities, including Michigan Tech. The grants are designed to help prepare the next generation of technologically skilled workers. See [http://www.fox19.com/story/35695654/denso-foundations-2017-grants-support-hands-on-education-at-22-institutions-across-north-america](http://www.fox19.com/story/35695654/denso-foundations-2017-grants-support-hands-on-education-at-22-institutions-across-north-america)


*US News and World Report, USA Today* and numerous other news outlets reported on research by Joshua Pearce, professor of materials science and engineering, and social sciences PhD student Emily Prehoda, showing that replacing coal with solar power could save not only money, but lives. See [https://health.usnews.com/health-care/articles/2017-06-06/replace-coal-with-solar-power-to-save-money-lives](https://health.usnews.com/health-care/articles/2017-06-06/replace-coal-with-solar-power-to-save-money-lives) and [https://www.usatoday.com/videos/money/2017/06/01/-us-could-prevent-lot-deaths-switching-coal-solar/102405132/](https://www.usatoday.com/videos/money/2017/06/01/-us-could-prevent-lot-deaths-switching-coal-solar/102405132/)


*Eos*, a website that publishes news and perspectives about the Earth and space sciences and their impact, quoted Provost Jackie Huntoon in an article about the lack of diversity in the geosciences. See [https://eos.org/articles/geosciences-make-modest-gains-but-still-struggle-with-diversity](https://eos.org/articles/geosciences-make-modest-gains-but-still-struggle-with-diversity)
CHARTS and GRAPHS

News by Category Chart

Events | Business/People | Student Life
Research | Other | Hometown
Athletics | Curricula/Programs | (None)
Alumni

4/8/2017 to 7/14/2017
Formal Session of the Board of Trustees - VI. Informational Items

News Clips vs. Ad Value by Date

4/8/2017 to 7/14/2017

Social Media by Category Chart (Social Media)

4/8/2017 to 7/14/2017
Sample Clippings
Employers hustling harder to keep workers happy

Frank Wiese, Detroit Free Press

When Jason Vacca and Kurt Backov started a new tech company in 1999, the best trends who tested disciplinary soundness when they were in high school together wanted to create a company that they'd love working at a fun, fast-paced pace with few rules.

Eighteen years later, their enterprise, Vectorform, has about 150 employees with a headquarters in downtown Royal Oak where workers zip up and down the halls on motorized skateboards, play with Lepos to get their creative juices flowing and gather nearly every Tuesday to play board games.

Workers wear what they want to the office, including pajamas, bring in their dogs — and sometimes just work from home. They set their own schedule, as long as they meet their deadlines and put in 40 hours a week, and they have an unlimited number of sick days.

Still, as enticing as that workplace may seem, the labor market is so tight now that Vectorform — and many other companies — are wrestling with how to attract and keep employees.

Read more:
These are the best companies for vacation and paid time off

They've been named the world's No. 4 best Michigan companies
Mysterious flashes of light that show up on satellite images of Earth's landmasses have puzzled researchers for a couple of years. Now, scientists have finally pinpointed the culprit: ice crystals floating high above the planet's surface.

The finding could help refine ideas of how clouds regulate the Earth's temperature. And it could aid scientists looking for Earth-like exoplanets orbiting other stars. Glittering exoplanets may contain water and be "potential Earth twins," says Tyler Robinson, a planetary scientist at the University of California, Santa Cruz, who wasn't involved in the study.

Alex Kostinski, a physicist at Michigan Technological University in Houghton, and his colleagues solved the mystery using images from an
'Remote-controlled life rings’ could soon be saving lives on the Great Lakes

Water rescue drones can cost upwards of $10,000

Professor Andrew Barnard and his team of undergraduate students at Michigan Technological University are working to create an affordable, remote-controlled life saving tool. (Andrew Barnard)
Michigan Tech president to step down next year

by Associated Press

HOUGHTON — Michigan Technological University President Glenn Mroz has announced his intention to step down from that position and return to the faculty.

Mroz sent an open letter to the university community Wednesday saying he intends to step down on or after June 30, 2018.

He said he and the university leadership have been working on a succession plan for a while. He informed the university’s board of trustees of his decision Tuesday.

“Communications like these often bring feelings of uncertainty, and with uncertainty sometimes comes a prediction to delay decision-making,” Mroz said in the letter. “I have no intention of allowing Michigan Tech to lose its forward momentum. The university owes you nothing less.”

Mroz is the third longest serving current president among the public universities in Michigan. He became Michigan Tech’s ninth president in 2004 after serving as dean of the School of Forest Resources and Environmental Sciences for four years.
VI-F. EMPLOYEE SAFETY STATISTICS

Included herein is a report from the Health and Safety Task Force and Human Resources.

This is for the Board's information.
### Employee Safety Statistics Year-to-Date

**January - June**

<table>
<thead>
<tr>
<th>Category</th>
<th>Years</th>
<th>Employee Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Recordable Injuries</strong></td>
<td></td>
<td>AFSCME</td>
</tr>
<tr>
<td>Injury Only w/Medical - No Loss Time</td>
<td>2016</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>0</td>
</tr>
<tr>
<td>Lost Time Cases</td>
<td>2016</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>3</td>
</tr>
<tr>
<td>Restricted Work Cases</td>
<td>2016</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>1</td>
</tr>
<tr>
<td>Occupational Safety and Health Administration (OSHA) Recordable Injuries</td>
<td>2016</td>
<td>3</td>
</tr>
<tr>
<td>(Total of above)</td>
<td>2017</td>
<td>4</td>
</tr>
<tr>
<td><strong>Number of Days</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Injury Loss Time³</td>
<td>2016</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>45</td>
</tr>
<tr>
<td>Restricted Work Days³</td>
<td>2016</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>75</td>
</tr>
<tr>
<td><strong>Hours Worked</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Work Hours</td>
<td>2016</td>
<td>143,779</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>146,189</td>
</tr>
<tr>
<td>Percentage of Work Hours</td>
<td>2016</td>
<td>11.0%</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>11.0%</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.
VII. OTHER BUSINESS
VIII. PUBLIC COMMENTS
IX. INFORMAL CLOSED SESSION FOR A PERIODIC PERSONNEL EVALUATION OF PRESIDENT MROZ
X. ADJOURNMENT