



Midyear Commencement  
December 15, 2018



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## Welcome



*Class of 2018,  
congratulations on  
your most recent  
accomplishment.*

*We know the path  
leading to today's  
celebration did not  
come without some  
challenges. But, you  
indeed persevered.  
Through this journey,  
you remained steadfast  
in your goal—the result  
of your determination  
and the value you place  
on your Michigan Tech*

*education. I hope you look back with pride on your  
journey up to this point.*

*As you prepare for life's next adventure, I have  
every confidence that you will make the most of your  
education from Michigan Tech. That you will keep alive  
the inquisitiveness, curiosity, and tenacity acquired in  
pursuit of your degree. I trust you will be of service to  
others. That you will lead in both your community and  
profession. Always remember that you are now part of  
a remarkable legacy 133 years in the making. And never  
forget to reach out and give back.*

*Michigan Tech's faculty, staff, and students join me  
in extending our very best wishes for your continued  
success. Congratulations again on this very special day.*

*Sincerely,*

A handwritten signature in dark ink, appearing to read "Richard J. Koubek". The signature is fluid and cursive, with the first and last names being the most prominent.

*Dr. Richard J. Koubek  
President*

## Board of Trustees

Brenda Ryan  
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Julie Seppala  
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*Midyear Commencement Ceremony—December 15, 2018*

<b>Processional</b>	<i>“Pomp and Circumstance No. 1” by Edward Elgar University Marshal and Mace Bearer— Mari Buche, Associate Dean and Professor School of Business and Economics</i>
<b>National Anthem</b>	<i>“The Star Spangled Banner” by Francis Scott Key performed by Student Vocalists</i>
<b>Welcome</b>	<i>Richard J. Koubek, President, Michigan Technological University</i>
<b>Student Address</b>	<i>Rose Turner, Graduating Senior</i>
<b>Commencement Address</b>	<i>Terry J. Woychowski Board of Trustees</i>
<b>Presentation of Degrees</b>	<i>Doctor of Philosophy Degrees Master’s Degrees ROTC: Degrees and Commissioning Bachelor’s Degrees</i>
<b>Alumni Welcome</b>	<i>Linda Kennedy '91 Michigan Tech Board of Trustees</i>
<b>Final Remarks</b>	<i>Richard J. Koubek</i>
<b>Recessional</b>	<i>Select Arrangements</i>

*Please stand for the Processional and National Anthem.  
At the conclusion of this ceremony, please remain in your seats until all  
of the graduates have recessed.*

*Student Vocalists: Ruth Maki, Kate Lawson, Aaron Carlson, Joseph Muhle*

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## Terry J. Woychowski

*Board of Trustees*

Terry Woychowski graduated from Michigan Technological University in 1978 with a bachelor's degree in mechanical engineering, thus launching a career that would literally take him around the world.

He initially began his career at General Motors, eventually serving a dozen years as the full-size truck vehicle chief engineer and in the process, winning numerous prestigious industry awards for the product. As his career at GM advanced, he served as global vice president of program management and eventually global vice president of quality and vehicle launch. He retired from GM in 2012, and later accepted the position of senior vice president of engineering and Quality at American Axle and Manufacturing.

Today, Terry is VP of Advanced Technology Development at LINK Engineering Company and President of Level V Advising LLC, an engineering consulting and leadership development company. He also owns two TITLE Boxing health and fitness clubs in the Detroit area.

But Terry's engineering career is only part of his incredible story. He is the founder and CEO of the Woychowski Charitable Foundation. He has taken part in several humanitarian missions to Albania and Kosovo following the Kosovo war in the late 1990s and to Haiti following the devastating earthquake.

Throughout his professional and charitable career, Terry has remained faithful to his alma mater.



*Terry J. Woychowski*

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His charitable foundation sponsored Michigan Tech Senior Design Capstone Projects to benefit sub-Saharan regions of Africa. He helped organize and execute an Advanced Propulsion training program at Tech to help displaced engineers in the Detroit area during the recession. His work did not go unrecognized as he is the first recipient of the Michigan Tech Alumni Humanitarian Award.

Terry is completing an eight-year term as a member of the Michigan Tech Board of Trustees where he served as president during the search for the University's 10th president.

Terry lives in Commerce, Michigan, with his wife, Shelly. They have three children and are the proud grandparents of four grandchildren.

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## Student Speaker



*Rose Turner*

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To say Rose Turner has made the most of her time at Michigan Tech is certainly an understatement. When the environmental engineering major from Berkley, Michigan, says “I love Michigan Tech,” she can certainly give you many reasons why.

Rose explains her impressive record of activity both on and off campus. “Whenever an opportunity comes up, I try to take advantage of it. Everything I’ve said ‘yes’ to has been a wonderful experience,” she said.

That “yes list” includes addressing her classmates at commencement. “This is a challenge, but a challenge I’m excited about.”

Rose says she doesn’t plan on delivering any specific message in her address to her classmates. “Mostly, I’m going to reflect on what Tech has taught us; what we’ve all learned during our time here.”

Rose says she is sad to graduate from Michigan Tech, adding that coming here was the right choice. “For a long time, I knew I wanted to study environmental engineering. When I

came to Tech, I knew this was the best possible place for me.”

It has been a great fit indeed. Rose has been a Chemistry Supplemental Instruction Leader, president of the Alternative Energy Enterprise, leader of Soul Core Fitness, president of Alpha Society, an undergraduate researcher in Environmental Engineering, a broomball player, and a host of a regular radio show on WMTU. Rose also leads a bible study for students.

However, she is probably best known as project manager of the University’s Sustainability Demonstration House, located in the former University President’s residence. Through this project, she works with her team on retrofitting this existing resident into a net-zero energy house and promoting sustainable living around the Keweenaw.

Despite all her activities, academics is first and foremost for Rose. “From the very beginning, my goal was to graduate with a 4.0 GPA.” And as of mid-November, she has achieved that goal.

Rose’s future is a chapter that’s yet to be written. She has applied for research funding from the National Science Foundation, and is planning on graduate school within the next year to pursue a master’s in renewable energy systems engineering. In the meantime, she recently accepted a full-time position with Westwood Professional Services, a renewable energy company. Her daily tasks will involve designing multi-megawatt solar and wind farms.

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## *Achievement. Success. Congratulations!*

### You're a Michigan Tech Graduate!

Today you achieved one of life's milestones. Many people have invested in your success—your family and friends, faculty and staff, and Michigan Tech alumni and friends. We are all so proud of your accomplishments.

Today you are starting a new adventure and we are here to help you stay connected. MyMichiganTech will become your alumni portal, a place to update your information and build your Husky network with the alumni directory.

- Connect with alumni online through the Alumni and Friends Facebook, Instagram, or LinkedIn pages, with regional chapters, or at your company.
- Keep using your Michigan Tech email and take advantage of continued support from Career Services.
- Hear about campus and alumni news through the *Michigan Tech Magazine*, *Research Magazine*, and our alumni enewsletter.
- Continue your broomball career! Bring your team and compete in the annual Alumni-Student Broomball Invitational during Winter Carnival.

In the coming months, we will be in touch with you to learn more about your time after graduating from Michigan Tech and to invite you to alumni events in your area.

Michigan Tech has a proud tradition of “Huskies helping Huskies.” As a



*Alumni House*

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new graduate, we may contact you and ask you to share your Michigan Tech experience with current or incoming students. We hope you will consider being a regional volunteer, as well as opportunities to share your financial resources to support future Huskies.

When you return to campus for a visit, please stop by the Alumni House. We would like to say hello, catch up with you, and provide you with a free parking pass and a discounted SDC day pass.

And, remember, once a Husky, always a Husky. We warmly welcome you to the Michigan Tech Alumni and Friends family!

—The Alumni Engagement Team

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## Graduate Degrees

### Graduate School

Dr. Pushpalatha Murthy, Dean,  
Associate Provost

### *Doctor of Philosophy*

*Advisors' names in italics*

### School of Forest Resources and Environmental Science

Dr. Andrew J. Storer, Dean

#### FOREST MOLECULAR GENETICS AND BIOTECHNOLOGY

Wenping Deng ❖  
*Dr. Hairong Wei*

#### FOREST SCIENCE

John J. Henderson ©  
*Dr. Andrew J. Storer*  
Andrew Lee Von Duyke  
*Dr. John A. Vucetich*

### College of Sciences and Arts

Dr. David Hemmer, Dean

#### ATMOSPHERIC SCIENCES

Janarjan Bhandari ❖  
*Dr. Claudio Mazzoleni*

#### CHEMISTRY

Jianheng Bi ©  
*Dr. Haiying Liu*

#### COMPUTER SCIENCE

Linjia Hu  
*Dr. Saeid V. Nooshabadi*

#### ENVIRONMENTAL AND ENERGY POLICY

John Bradley Barnett ❖  
*Dr. Barry D. Solomon*

#### INDUSTRIAL HERITAGE AND ARCHEOLOGY

Leonor A. Plácido de Medeiros  
*Dr. Patrick E. Martin*

#### INTEGRATIVE PHYSIOLOGY

Matthew A. Kilgas ❖©  
*Dr. Steven J. Elmer*

#### MATHEMATICAL SCIENCES

Zhenchuan Wang  
*Dr. Shuanglin Zhang*  
*Dr. Qiuying Sha*

#### PHYSICS

Shiva Sharan Bhandari ❖  
*Dr. Yoke Khin Yap*  
Meghnath Jaishi ❖  
*Dr. Ranjit Pati*  
Aeshah Khudaysh Muqri ©  
*Dr. Jae Yong Suh*  
Kevin Waters ©  
*Dr. Ravindra Pandey*

### College of Engineering

Dr. Janet Callahan, Dean

#### ATMOSPHERIC SCIENCES

Pei Hou ❖  
Dr. Shiliang Wu

#### CHEMICAL ENGINEERING

Julie Marie Tomasi ©  
*Dr. Julia A. King*

#### CIVIL ENGINEERING

Wenge Wei  
*Dr. David W. Watkins*  
Shuaidong Zhao ❖  
*Dr. Kuilin Zhang*

#### ELECTRICAL ENGINEERING

Casey D. Demars  
*Dr. Michael C. Roggemann*

#### ENGINEERING-ENVIRONMENTAL ENGINEERING

Aditya Kumar  
*Dr. Shiliang Wu*



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## Graduate Degrees

### GEOLOGY

El Hachemi Yousef Bouali ❖

*Dr. Thomas Oommen*

Brice K. Grunert

*Dr. Colleen B. Moww*

Hans Nicholas Lechner ©

*Dr. Gregory P. Waite*

*Dr. Bradley H. Baltensperger*

### MECHANICAL ENGINEERING-

### ENGINEERING MECHANICS

Edward De Jesús Rivera

*Dr. Darrell L. Robinette*

Bingxi Li

*Dr. Nina Mahmoudian*

Xiucheng Zhu ©

*Dr. Seong-Young Lee*

## Master's Degrees School of Business and Economics

Dr. Dean L. Johnson, Dean

### MASTER OF BUSINESS

#### ADMINISTRATION

Samantha Michele Auger

Jannah Rae Brandt

Jenna Morgan Burns

Amanda Caldwell

Courtney Rose Holzberger

Corey Michael Labissoniere

Daniel J. Schlais

Paul Edward Shelcusky

Brady James Tervo

### MASTER OF SCIENCE

#### ACCOUNTING

Joshua Merrill Davis ❖

Heath Samuel Johnson

Gina Marie Roose ❖

Brady James Tervo

### APPLIED NATURAL RESOURCE

### ECONOMICS

Mo Li

Karl Enrike Palm ☼

### DATA SCIENCE

Satish Chandra Penumarti

## School of Forest Resources and Environmental Science

### MASTER OF FORESTRY

Jarrold Lee Amundson

Jacob Bradsher

Hunter Fodor

Tristan C. Michealson

### MASTER OF GEOGRAPHIC

### INFORMATION SCIENCE

Gregory J. Fedie

Lester R. Livermore III

### MASTER OF SCIENCE

#### APPLIED ECOLOGY

Ana Maria Planas Clarke

### DATA SCIENCE

Karen Marie Colbert ☪

### FOREST ECOLOGY AND MANAGEMENT

Tugay Demiraslanl

### FORESTRY

Cuma Uykun

## School of Technology

Dr. Adrienne Minerick, Dean

### MASTER OF SCIENCE

#### DATA SCIENCE

Ling Zhang

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## Graduate Degrees

INTEGRATED GEOSPATIAL TECHNOLOGY  
Gregory A. Martin

MEDICAL INFORMATICS  
Todd O. Arney  
Nathan Matthew Gauss  
Sherri L. Nemeth

### College of Sciences and Arts

*MASTER OF SCIENCE*  
APPLIED COGNITIVE SCIENCE AND  
HUMAN FACTORS  
Erin Nicole Richie

APPLIED SCIENCE EDUCATION  
Zachary Steven Blehm ☼  
Jason Orion Howes

BIOLOGICAL SCIENCES  
Msharee Saleh Alrashedy  
Timothy Michael Butler ☼  
Lucy A. Hatfield ☼  
Travis Ryan Wakeham ☼  
Taylor Alexander Zallek

COMPUTER SCIENCE  
Daniel James Byrne Jr.  
James Steven Roznick  
Mark Charles Schlaw  
Eric M. Vasey  
Peng Zang

DATA SCIENCE  
Abdullah Tahir

INDUSTRIAL ARCHAEOLOGY  
Mark Whitney Dice  
Matthew J. Durocher

KINESIOLOGY  
Kirsan Ann Hudak

MATHEMATICAL SCIENCES  
Miao Cai  
Melinda A. Kleczynski ☼  
Aditya Kumar  
Yunxiang Peng  
Fadhila Mustafa Yosof

PHYSICS  
Matthew Tyler Coel  
Ziwei Qian  
Andrew Lloyd Robare

RHETORIC, THEORY, AND CULTURE  
Emma M. Lozon  
Emily Marie Simmons

STATISTICS  
Xiaoqing Gao

### College of Engineering

*MASTER OF ENGINEERING*  
Michael D. Elbert ☐

*MASTER OF SCIENCE*  
BIOMEDICAL ENGINEERING  
Emma Katherine Davis  
Reis Guthrie Mielke Jones  
Nikhil Mittal

CHEMICAL ENGINEERING  
Michael Scott Archambo

CIVIL ENGINEERING  
Cole G. Bedford ☼  
Jessica Kathryn Daignault  
Aaron Thomas Jessmore  
Jacob Allen Loew  
Madison Nicole Olmstead  
Weicheng Pan  
Ryan Arthur Wagner ☼☼  
Jiaqing Wang

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## Graduate Degrees

### COMPUTER ENGINEERING

Krishna Karan Kumar Mendu  
Ian Robert Wakely  
Shuo Wang

### ELECTRICAL ENGINEERING

Abhishek Kallappa Bilagi □  
Smruti Prasad Dash  
Casey D. Demars  
Anindya Ghoshroy  
Yuancheng He  
Zhihang Jin ✕  
Shivaram Kannimangalam  
Viswanathan □  
Mandar Dilip Kavimandan  
Aref Majdara  
Erron Wood Raifsnider ★  
Alper Savasci  
Suryabh Sharma  
Yuzhou Tang ✕  
Pratik Shriniwas Tuplondhe ★

### ENVIRONMENTAL ENGINEERING

Mohammad Alizadeh Fard  
Terrianna Lynn Bradley  
Ashley Nicole Hendricks ◎  
Matthew J. Nichols

### ENVIRONMENTAL ENGINEERING SCIENCE

Emily Shaw

### GEOLOGY

Maria Diletta Acciaro  
Toni L. Larche ◎  
Levi Michael Rhody ☼  
Mary Katelyn Witucki ☼

### MATERIALS SCIENCE AND ENGINEERING

Georgia Nicole Hurchalla  
Nathan E. Peterson  
Julia Mary Scruton

### MECHANICAL ENGINEERING

Apurva Baruah  
Daniel Steven Bruck  
Praveen Bulusu Surya Naga  
Abhishek Sai Erri Pradeep  
Bareshwar Gowdelli  
Michael T. Heilman  
Shashank Jyothi □  
Prince Anis Lakhani  
David Conrad Leach  
Tyler John Menucci  
Eric Richard Mordorski  
Kaushik Prabhu  
Krishnan G. Raghavan  
Paras Trikha  
Huanqing Wang  
Xiucheng Zhu

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## Undergraduate Degrees

### Bachelor's Degrees

#### School of Business and Economics

##### *BACHELOR OF SCIENCE*

###### ACCOUNTING

Alexander P. Claerbaut

Lili Jiang

Erin P. Lipp \*\*

###### ENGINEERING MANAGEMENT

Timothy A. Bart \*

Kelby P. Chrivia

Gabriela E. Mayorga

###### FINANCE

Mason G. Blacklock

Cody J. Eppert †

###### MANAGEMENT

Stephen M. Butina †

Rachel A. Chard \*\*

Nolan Storm †

###### MANAGEMENT INFORMATION SYSTEMS

Damon D. Greer Jr.

Christian A. Pirie

Nuwanga H. Wanaguru

###### MARKETING

Catalina A. Palm

#### School of Forest Resources and Environmental Science

##### *BACHELOR OF SCIENCE*

###### APPLIED ECOLOGY AND

###### ENVIRONMENTAL SCIENCES

Logan T. Hawley

Joslyn E. Pomeroy

###### FORESTRY

Michael A. MacIntosh Jr. †

James R. Park \*

Frederick M. Saigh IV \*\*

###### WILDLIFE ECOLOGY AND MANAGEMENT

Ashley P. Berton \*\*†

Scott M. Davison

Emily R. Fifelski †

Nathan A. Kriger

#### School of Technology

##### *BACHELOR OF SCIENCE*

###### COMPUTER NETWORK AND SYSTEM ADMINISTRATION

Ashley A. Brown

Trevor J. Burek

Michael A. Conway

Dylan W. Earls

Isaac J. Hermann

Benjamin C. Stinchcomb \*

###### CONSTRUCTION MANAGEMENT

Aaron R. Crapsey ○

###### ELECTRICAL ENGINEERING TECHNOLOGY

Jenna L. Gillman †

Zachary L. Sargent \*\*

Kai B. Wilkinson †

###### MECHANICAL ENGINEERING TECHNOLOGY

Benjamin R. Bartosh

Miachel S. Bixler

Drew J. Bonnee †

Bradley D. Byrne

Russell D. Crofton

Brian M. Gronewelt †

Sean K. Gustafson

Christopher L. Horger-Hill

Ryan M. Hulbert

Connor P. King

David G. Kloiber \*

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## *Undergraduate Degrees*

Thomas A. Klonowski  
Shawn R. Kroll  
Jooyeol Lee  
Jacob D. Lundin  
Brent M. Marcusen  
Josh J. Meierhofer  
Heather E. Mensch  
Alexander S. Nyhoff ‡  
Nicholas S. Schaefer ○  
Adam C. Scholl \*  
James R. Stine  
Monica K. Vine

**SURVEYING ENGINEERING**  
Kyle T. Hiltunen \*\*‡

### **College of Sciences and Arts**

*BACHELOR OF SCIENCE,*  
*BACHELOR OF ARTS*

#### *Department of Biological Sciences*

**BIOLOGICAL SCIENCES**  
Ciera M. Danen \*\*\*  
Gary M. Swain  
Rachel A. Wall \*  
Richard Yang \*\*

**BIOCHEMISTRY AND MOLECULAR BIOLOGY**  
William C. Christian \*\*\*  
Terry Vliek Jr.

**MEDICAL LABORATORY SCIENCE**  
Joshua G. Bowman  
Allison H. Branch  
Kaycee A. Kolar  
Caitalyn H. Nielson ‡

#### *Department of Chemistry*

**CHEMISTRY**  
Joseph A. Brouwer ‡  
Brian P. Burtka \*‡  
Alyssa J. Cinder \*\*  
Danielle R. Langdon  
Tyler J. Phillips

#### *Department of Computer Science*

**COMPUTER SCIENCE**  
Collin B. Bernard  
Amanda B. Charboneau  
Stephen D. Colegrove  
Neil J. Culbertson  
Matthew J. Finzel ‡  
Alec W. Hitchiner  
Brandon A. Johnson \*\*  
Daniel E. Knenlein †◇  
Brett R. Kurzawa \*\*\*  
Brennan D. Lautner ‡  
Samuel A. Meluch  
Utkarsh Mishra  
Connor G. Przybyla  
Joseph D. Ryan †  
Jiaxin Teng  
Nickolas C. Treadway  
Nikita J. Velat ‡  
Kate M. Weber ‡  
Jamie J. Witmer \*  
Daniel J. Wood \*‡

**SOFTWARE ENGINEERING**  
Richard L. Carpenter Jr.  
Joshua L. Fosdick \*\*\*  
Nicholas L. Fosdick \*\*\*  
Brett A. Kriz  
Marcus A. Stojceovich \*\*\*  
Daniel K. Wagner  
Eric R. Widmann \*\*  
Bryce E. Williams  
Logan S. Wilson

#### *Department of Kinesiology and Integrative Physiology*

**EXERCISE SCIENCE**  
Nicholas G. Carlson \*\*\*  
Benjamin A. Cockfield \*‡  
Gretchen E. Helminen \*  
Eric P. Keskimaki  
Max D. Keyzers  
Hannah J. Maat

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## *Undergraduate Degrees*

SPORTS AND FITNESS MANAGEMENT  
Austin R. Johnson  
Daniel H. Perrault

*Department of Humanities*  
COMMUNICATION,  
CULTURE, AND MEDIA  
Bridget I. Alaniva \*  
Matthew C. Cavender

SCIENTIFIC AND TECHNICAL  
COMMUNICATION  
Brianna L. Neeb ♣◇  
Xena Cortez  
Noah K. Kozminski

*Department of  
Mathematical Sciences*  
MATHEMATICS  
Scott S. Darios  
Brandon T. King  
Eric E. Minch  
Andrea N. Spencer \*  
Nolan R. Stoffer

STATISTICS  
Benjamin Bergeron ♣

*Department of Physics*  
APPLIED PHYSICS  
Taylor M. Kaminski

PHYSICS  
Robert J. Stenger \*

*Department of Cognitive and  
Learning Sciences*  
PSYCHOLOGY  
Ashley A. DeVoge  
Margrethe G. Fisher ♣  
Jennifer R. McDonald \*♣◇  
Darby H. McLaurin  
Sara S. Pietila ♣  
Samantha J. Verran ♣

*Department of Social Sciences*  
SOCIAL SCIENCES  
Peter S. Mayer ♣

*Department of Visual and  
Performing Arts*  
THEATRE AND ELECTRONIC MEDIA  
PERFORMANCE  
Robert J. Mampe ♣

AUDIO PRODUCTION AND  
TECHNOLOGY  
Brendan D. Espinosa  
Steven A. Klier  
Ethan C. Sommer

THEATRE AND ENTERTAINMENT  
TECHNOLOGY  
Luke D. Dixon ♣

*College of Engineering*  
*BACHELOR OF SCIENCE*

*Department of Biomedical  
Engineering*  
BIOMEDICAL ENGINEERING  
Grace F. Carey ○  
Monica L. Nelson ♣  
Levi L. Oxner  
Daniel P. Puyleart  
Carolynn A. Que

*Department of Chemical  
Engineering*

CHEMICAL ENGINEERING  
Tyler T. Dennis  
Tanner M. Norcross

*Department of Civil and  
Environmental Engineering*

CIVIL ENGINEERING  
Hannah M. Akey  
Addison M. Bailey

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## *Undergraduate Degrees*

Alexander M. Baker \*\*\*  
Grant M. Beatus  
Ryan M. Beering \*\*\*  
Margaret L. Clark  
Tasha L. Cook  
Brett W. Daavettila †  
Brandi N. Dain \*  
Luke P. Dowell  
Luke W. Esposito \*  
Michael T. Frahm  
James P. Hegel  
Chad E. Helppi †  
Kyle T. Hiltunen \*\*†  
Brock V. Jabusch †  
Tyler D. Jacquemain \*\*  
Anthony A. Jakska Jr.  
Tyler A. Kearly †  
Carlee J. Klenotich ◊  
Kyle P. Lehto  
Cade D. MacArthur †○  
Seth J. Malcolm  
Jacob J. Munie  
Isaac E. Pantti †  
Maya M. Price \*  
Gregory L. Schultz  
Andrew G. Shepard  
Jesse D. Steeves  
Michael P. Stepnak  
Brandon S. VanWert \*\*○

### ENVIRONMENTAL ENGINEERING

Ellen V. Aiken \*\*  
Amber L. Kauppila \*  
Caitlin M. Korvela  
Sarah J. Martens \*\*\*◊  
Michael Rosati  
Kaitlyn A. Sterling  
Rose C. Turner \*\*\*  
Alexander H. Ware  
Robert M. Watt †  
Christine D. Wood \*\*◊

### *Department of Electrical and Computer Engineering*

#### COMPUTER ENGINEERING

Isobel M. Alberts  
Drew H. Applegath †

Cameron N. Burke  
Justin A. Evankovich \*\*\*✿  
Alexander R. Gall  
Zachary J. Garavet \*\*✿  
Cole E. Kendall  
Cody H. Kovar ✿  
Qiyue Lin \*  
Brendan J. Miller  
David P. Muter \*  
Winston M. Parker  
Jack R. Swanberg \*✿  
Haden P. Wasserbaech  
Carlos Williams-Moreiras \*\*

### ELECTRICAL ENGINEERING

Cameron N. Burke  
Christine A. Cauley †  
William M. Cornillie ✿  
Matthew A. Cukier  
Paul F. Daily †  
Brandon M. Guster  
Morgan L. Husmann \*\*  
Sean M. James  
Jacob R. Jarvis \*\*  
Justin T. Jung  
Michael D. Kytola  
Chen Lou  
Drake J. McClendon \*  
Matthew J. O'Brien  
Levi L. Oxner  
Trevor B. Peffley  
Lanna R. Pirkola \*\*\*†  
Sydney L. Rasmussen  
Isaac K. Rasmussen  
Bradley T. Revett  
Marc Robertson  
Nolan N. Rochelle III †  
Nicholas W. Shabino  
Thomas C. Siler  
Michael T. Von Kronenberger \*✿  
Sarah S. Wade \*\*✿◊  
Gabriel R. Wykle  
Hui Xie

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## *Undergraduate Degrees*

### *Department of Engineering Fundamentals*

#### ENGINEERING

Patrick K. Sargent †○

### *Department of Geological and Mining Engineering and Sciences*

#### APPLIED GEOPHYSICS

Katie E. Bristol

Daniel B. Trekas \*☼

#### GEOLOGICAL ENGINEERING

Tasha L. Cook

Anthony R. Deciechi \*

Andrew S. Dyke \*†

Graham E. Hubbell

Katelyn E. Kring \*\*\*

Tyler N. Maiers

Leah A. Meek

Michael X. Schienke \*

Robert B. Shlimovitz

Melanie J. Zondag \*◇

#### GEOLOGY

Kelly A. Edwards †

### *Department of Materials Science and Engineering*

#### MATERIALS SCIENCE AND

#### ENGINEERING

Simon J. Eddy

Ryan L. Hebner

Daniel J. LaCroix \*\*\*

Charles A. Newlin

Zachary L. Reuter

Laura K. Schimmel \*◇

### *Department of Mechanical Engineering-Engineering Mechanics*

#### MECHANICAL ENGINEERING

Aimee M. Allen \*\*

Roberto Araujo Ferreira \*

Joseph R. Axberg

Zachary A. Bauman

Jalen J. Beck

Jeremy H. Bell

Kaleb Z. Bergman †

Timothy D. Billman

Taylor J. Bischof

Logan M. Brueck

Weston F. Butler

Dennis J. Byard \*

Greta P. Colford \*

Marlena A. Daniels \*

Aaron J. Dean

Stephen L. Dietrich

Austin D. Dohse

Matthew J. Erickson

Douglas O. Fabry

Conner J. Ford \*\*\*

Joshua M. Gentner

Joshua M. Gerez

Jessica A. Geroux †

Cassandra M. Gietek †

Steven F. Golm \*\*†

Alexander J. Goreyca

Ryan C. Groves

Nicholas J. Harmsen \*\*\*

Matthew C. Hays

Jacob W. Herzog ○

John J. Hoffman V †

Joseph A. Hurford †

Victor M. Ierulli II

Todd A. Impola \*\*†

Nicholas S. Irwin †

Michael M. James

Chenguang Jin

Andrew S. Johnson

Brandon J. Johnson

Clark A. Kangas

Michael D. Kennedy

Leroy T. Kincannon IV \*\*\*

Rachel K. Kolb

Christian S. Koszewski

Alexandra G. Krisztian

Daniel J. LaCroix \*\*\*

Scott E. Laiho

Brandt H. Lanser

Brendan J. Lefebvre †



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## *Undergraduate Degrees*

Justin J. Lerma  
Hao Li  
Andrew S. Luchenbach \*\*\*  
Matthew A. McInerney  
Mendel G. Meister  
Lucas J. Meyer \*  
Adam M. Michaud  
Robert T. Mikula-Malstrom  
Alexander R. Miller  
Tyler J. Miller  
Adam D. Mitchell  
Jeffrey J. Mott Jr. †  
Armand A. Mucci \*  
Brandon T. Narodzonek  
Hannah J. Nelson  
James P. Noble  
Benjamin E. Palmer  
Justin P. Pearl  
Shawn A. Peterson  
Sabrina J. Pflanzner  
Brian Piechocki \*  
Levi A. Pietila †  
Carson C. Price \*  
Spencer P. Reames  
Taylor C. Reed \*  
Thomas J. Richter  
Brian P. Roman  
Bryant J. Rowe  
Marshall M. Sayles  
Laura K. Schimmel \*◇  
Alec B. Schmoll  
Brayden C. Severt \*  
Congtao Shen  
Maxwelle A. Smith †  
Daniel W. Stapley \*†  
Cora J. Taylor †  
Matthew J. Thompson \*\*  
Collin J. Trick  
Courtney E. VanWagoner  
Michael A. Vennard II \*†  
Sivakumar D. Vigneshwar  
Julia T. Vu  
Alan J. Wilson \*\*\*  
Andrew J. Wunderlin  
Gabriel R. Wykle  
Duo Zhang

# Information

## Degree Information

- \* Cum Laude
- \*\* Magna Cum Laude
- \*\*\* Summa Cum Laude
- ⊗ Double Major
- ‡ Legacy
- Commissionee in Reserve Officer Training Corps
- \* Candidate for Michigan Secondary Education Certificate
- ★ Certificate in Advanced Electric Power Engineering
- ✕ Certificate in Automotive Systems and Controls
- ⊕ Certificate in Global Technological Leadership
- Certificate in Hybrid Electric Drive Vehicle Engineering
- ◆ Certificate in Post-Secondary STEM Education
- ⊕ Certificate in Sustainability
- ❖ Dean's Award for Outstanding Scholarship
- ⊙ Outstanding Graduate Student Teaching Award
- ◇ Pavlis Honors College
- ⊕ Peace Corps Master's International Program
- ⊠ Veterans and Active Duty Military

## Note

The commencement ceremony at Michigan Technological University is a symbolic celebration of graduation for the candidates. Participation in commencement does not constitute the completion of degree requirements, and this program is not an official list of graduates or honor recipients.

## Hoods

Gold/Black lining with Dark Blue velvet edging	PhD
Silver/Gold	Master's

## Cords

Gold	Summa Cum Laude GPA ≥ 3.90
Silver	Magna Cum Laude GPA 3.70–3.89
Copper	Cum Laude GPA 3.50–3.69
Royal Blue/Black	School of Business and Economics
Green	Pre-health
Red/White/Blue	Veteran
Black/Gold	University Athlete

## Tassels

Blue	PhD
Gold	Master's
Black and Gold	Legacy
White	Arts, Humanities
Drab	Accounting, Business
Copper	Economics
Orange	Engineering
Brown	Fine Arts
Russet	Forestry
Golden Yellow	Science
Cream	Social Science

## Medallion

Pavlis Honors College

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## Commencement Marshals

Dr. Mari W. Buche  
Associate Dean and Professor  
University Marshal  
*School of Business and Economics*

Dr. Xiaoqing Tang  
Associate Professor  
*Biological Sciences*

Dr. Sean J. Kirkpatrick  
Department Chair and Professor  
*Biomedical Engineering*

Dr. Thomas E. Merz  
Professor  
*School of Business and Economics*

Dr. Pradeep K. Agrawal  
Department Chair and Professor  
*Chemical Engineering*

Dr. John A. Jaszczak  
Interim Department Chair  
*Chemistry*

Dr. Audra Morse  
Department Chair and Professor  
*Civil and Environmental Engineering*

Dr. Susan L. Amato-Henderson  
Department Chair and Associate Professor  
*Cognitive and Learning Sciences*

Dr. Zhenlin Wang  
Interim Department Chair and Professor  
*Computer Science*

Dr. Daniel R. Fuhrmann  
Department Chair and Professor  
*Electrical and Computer Engineering*

Dr. Robert E. Froese  
Associate Professor  
*School of Forest Resources and  
Environmental Science*

Dr. John S. Gierke  
Department Chair and Professor  
*Geological and Mining  
Engineering and Sciences*

Dr. Debra D. Charlesworth  
Assistant Dean and  
Adjunct Assistant Professor  
*Graduate School*

Dr. Ronald Strickland  
Department Chair and Professor  
*Humanities*

Dr. Megan C. Frost  
Interim Department Chair  
*Kinesiology and Integrative Physiology*

Dr. Stephen Kampe  
Department Chair and Professor  
*Materials Science and Engineering*

Dr. Mark S. Gockenbach  
Department Chair and Professor  
*Mathematical Sciences*

Dr. William W. Predebon  
JS Endowed Department Chair  
and Professor  
*Mechanical Engineering-Engineering  
Mechanics*

Capt. Paul A. Loomis  
Assistant Professor  
*Military Science*

Dr. Brian E. Fick  
Professor  
*Physics*

Dr. Hugh S. Gorman  
Department Chair and Professor  
*Social Sciences*

Dr. Yu Cai  
Associate Professor  
*School of Technology*

Dr. Jared Anderson  
Department Chair and Associate Professor  
*Visual and Performing Arts*

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## Class of 2018 Tributes

For supporting student scholarship funds, graduates were given the opportunity to pay tribute to those who made a difference in their Michigan Tech experience. Below, in the order they were received, are tributes from the Class of 2018.

Thank you for pushing me to be more than I thought I could be, Dad and Ange!

*Daniel Wagner*

Thank you Mom and Dad, for teaching me that with hard work and faith I can achieve whatever I want to.

*Gina Roose*

Mom and Dad, thanks for always believing in me—I couldn't have done this without you. Love, Tasha.

*Tasha Cook*

Thanks to my family and friends for your support. I wouldn't be where I am today without you all!

*Ciera Danen*

I want to thank my mom (Karen) and my dad (Kyle) for standing behind me, no matter what.

*Kelly Ann Edwards*

Thank you Mom, Dad, and Connor, for always believing in and encouraging me! I love you!

*Courtney VanWagoner*

Mom and Dad, thank you for your continuous love and support. Without it, I wouldn't be here today!

*Marshall Sayles*

Thank you to my family and Kayla for always believing in me. I finally made it!

*Drake McClendon*

Mom, Dad, Allie, Billy: Thank you for your never ending support and encouragement. I love you guys!

*Katelyn Kring*

I'm grateful to my family and sponsor for their support. This day is because of them.

*Pratik Tuplondhe*

Thanks to God, my family, and friends. Especially my Grandpa for his invaluable advice. I made it!

*Stephen Dietrich*

To my family, who instilled in me values of hard work and integrity; thanks for your love and support!

*Conner Ford*

Thank you to my Mom, Dad, Brother, and friends for putting up with me through it all!

*Samantha Verran*

Dad, Mom, Maddie and Liv, thanks for believing in me and supporting me. Love, Alpal.

*Alex Baker*

Thank you mom, dad, and the rest of my family for all your support throughout college. Love you!

*Hannah Nelson*

Mom, Dad, Matt, and Martine, thank you for your unconditional love and encouragement.

*Rachel Chard*

Thanks for pushing me to do my best, your love and support means everything to me. Love you M&D!

*James Noble*

A haiku for my wittle brudder: Paul Daily—  
All Day! Winnebago Adventure. Merry  
Christmas Paul!

*Jack Daily*

# Seating Chart

## Stage

1	Faculty	School of Forest Resources and Environmental Science/ School of Business and Economics	School of Business and Economics	Air Force ROTC/ Army ROTC
2		School of Technology	School of Technology	PhD Candidates and Advisors
3		College of Sciences and Arts	College of Sciences and Arts	
4	Guest Seating			
5		College of Sciences and Arts/College of Engineering	College of Engineering	
6		College of Engineering		Master's Candidates
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# Services

**Drinking Water**

Fountains are located near entrances to the gymnasium, near restrooms, and in the main lobby of the Student Development Complex (SDC).

**First Aid**

A medical station is available at racquetball court 1 located outside the venue in the hallway. Emergency services are on standby. Ask an usher for assistance.

**Food**

A vending area and a cafe are located near the main lobby.

**Photographs**

Arrangements have been made to have color photos taken of each graduate. Proofs will be sent to the home address of each graduate within 1–2 weeks of graduation. There will be photo locations available at the graduation reception held in the Multipurpose Room directly following the ceremony.

**Restrooms**

Facilities are located outside the gymnasium in the alcoves at the west end of the hallway, as well as in the mail lobby

**Shopping**

Campus retail stores are open. University Images is located in the SDC, and the Campus Bookstore is located in the Memorial Union Building on main campus.

**Mobility**

There is a section on the floor for those with mobility limitations and for those in wheelchairs. Seating is also available in this section for family members. Ask an usher for assistance.

*The SDC is an alcohol-free and tobacco-free facility.*

*Michigan Technological University is an equal opportunity educational institution/equal opportunity employer, which includes providing equal opportunity for protected veterans and individuals with disabilities. 34791/1218*

Inside front cover: Husky sculpture by Brian Hanlon.





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@michigan\_tech 