MINUTES OF THE FORMAL SESSION OF THE BOARD OF TRUSTEES OF MICHIGAN TECHNOLOGICAL UNIVERSITY held pursuant to due call in Ballroom B of the Memorial Union Building on the campus of Michigan Technological University in the City of Houghton, Michigan at nine o’clock on the morning of February 23, 2018.

The Board of Trustees of Michigan Technological University met in formal session at the University's campus at Michigan Technological University in the City of Houghton, State of Michigan, at 9:00 a.m., on the 23rd day of February, in Ballroom B of the Memorial Union Building. The place, hour, and date duly established and duly published for the holding of such a meeting.

The meeting was called to order by Chair, T. Woychowski, and a quorum was declared present.

The following members of the Board of Trustees were present:

- T. J. Woychowski, Chair
- J. A. Fream (via telephone)
- B. L. Johnson
- L. D. Kennedy
- B. R. Ryan, Vice Chair
- D. D. Sanders
- S. M. Tomaszewski
- G. D. Mroz, ex officio

The following members were absent:

- R. J. Jacquart

Also present during part or all of the session were: Roberta Dessellier, Secretary of the Board; Julie Seppala, Treasurer; Les Cook, Vice President for Student Affairs and Advancement; Ellen Horsch, Vice President for Administration; Jackie Huntoon, Provost and Vice President for Academic Affairs; David D. Reed, Vice President for Research; and various members of the faculty, administrative staff, student body, press and public.

Where item numbers are used, they refer to corresponding item numbers in the agenda, in the hands of the Board members.
I. APPROVAL OF AGENDA

It was moved by R. Jacquart, supported by S. Tomaszewski, and passed by voice vote without dissent, that the agenda of the formal session of February 23, 2018, as distributed to the Board, be approved.

II. OPENING REMARKS

Chair’s Comments

Good morning everyone. It is good to be back on campus and see firsthand the great things that are happening here at Tech.

It has been a busy February; a successful Winter Carnival at the beginning of the month; the Guinness Book of World Records attempt at building 3-foot snowmen; and the Spring 2018 Career Fair this past Wednesday. We wish to congratulate all the student organizations for their untiring enthusiasm and support. Thank you for your leadership.

This morning the Board shared breakfast with a group of students and we had the opportunity to listen to their ideas on how we can work to continuously improve our campus community. We learn and gain better insights every time we get to spend time together.

I was recently asked to greet the Center for Automotive Research “Connected and Automated Vehicle Work Group” at the LINK Technical Center. This group consisted of about 140 professionals who are involved in the creation of autonomous driving vehicles. As I began my talk, I opened by sharing a few reflections of my own personal journey toward this new technology.

When I first began my career, if I were asked where I worked, I would have readily answered, “At GM, the largest car and truck manufacturer in the auto industry”. That was it. I worked at a company that made cars and trucks. People bought them, used them, and I hoped for the most part enjoyed them. As I progressed in my career, I grew to understand their requirements better, how to effectively design and build vehicles to meet those requirements and I had a lot of fun doing it along the way. Today, it would not be so clear. Ask a young professional at that same company what industry they are in, and they will likely say, “the mobility industry”. This is a more significant shift than it sounds. In fact, the differences in these two paradigms can be quite profound. The ownership model, the usage model, the maintenance model and nearly every other requirement can be very different for the vehicles that will be designed for tomorrow, let alone to make them drive by themselves! Business models in this industry face a very uncertain landscape ahead.

To help illustrate how different things are, I shared a somewhat embarrassing story. I recalled how when my children were young they were exposed to and fell under the spell of electronic games. They quickly became adept at playing them and could become consumed with the game counsel becoming the center of their universe. I was not at all comfortable with this situation, and like the good father I was, I took control. I limited the amount of time
they could spend on this form of entertainment, and instead ushered them outside to play and frolic in the world.

“Do something useful.” I would direct. “Ride bikes, play games, get messy, break things if you must. But get outside. “You will not learn anything playing those electronic games. Playing those games will do nothing for you, and nothing good will come from it. Go out and play sports!”

So my son, a good and at times an obedient child, joined the local peewee football team and he continued to play until he was a senior in high school.

Fast forward to today. I recently visited another college campus and had the opportunity to review a shuttle bus that was being prepared and readied to begin its service of transporting students and others around the campus autonomously. Now to be clear, there was a driver on board. Well actually, an attendant might be a better description. This person is to ride the shuttle all day, positioned in close proximity to an emergency stop button. Examining the vehicle, I noticed that there were no vehicle controls. There was no steering wheel; there was no accelerator or brake pedal in sight. This vehicle was designed to run its route through connected and autonomous technology. Simply amazing.

I was curious about the reliability of the vehicle and I asked the attending engineer, “How do you move this vehicle if the ADAS systems fail?” There does not appear to be a way to manually drive the vehicle. “Not to worry.” He said as he opened a small compartment and brought out the auxiliary “back up control system”. This was a humbling moment for me. When I got home, I had to call my son and say, “Son, I am sorry. I was wrong!”

And so it goes, with technologies evolving and combining in magnificent ways and at accelerating speed, solving critical problems for society and making this a better world. I dare say that nothing will stay the same for long, and that radical and incredible technological advancements are being created and poised to change nearly every aspect of life, as we know it. As it has been said before, this is a great time to have “Technological” as your middle name and Michigan Tech graduates will play critical roles in creating an amazing future. I believe the future of higher education will not only play a central role in developing these technological wonders, I think it will also be changed as a result of them. How students learn, how teachers teach and how researchers conduct their work may take on new and different forms. Shifting student demographics and social movements will also have significant effects on higher education.

When one considers the governing crisis that is unfolding at such an institution as MSU you cannot help but to be shocked and shaken when learning about what has been transpiring for many years, and how the situation it has been managed. I am sure substantial changes have started and will continue for some time at MSU, and that many of these changes will affect higher educational institutions across the country.

As we observe and learn more about that situation, I would guard against the initial take away that says either, “Thank goodness that could never happen here”, or thank goodness that is happening there and not here. We would be amiss if we think that the negative effects
of this situation do not have an impact on us at MTU. It does. I am reminded of the poem by John Donne that helps illustrate that indeed, we are all in this life together”.

"For whom the bell tolls"

"No man is an island, entire of itself; every man is a piece of the continent, a part of the main. If a clod be washed away by the sea, Europe is the less, as well as if a promontory were, as well as if a manor of thy friend's or of thine own were: any man's death diminishes me, because I am involved in mankind, and therefore never send to know for whom the bells tolls; it tolls for thee."

--Devotions Upon Emergent Occasions, "Meditation XVII"    John Donne

We are in a sense all affected by what has happened on the MSU campus, and it is incumbent on us to study the case thoroughly to learn the lessons from this crisis, and to fortify and strengthen our own processes, policies and procedures to ensure that we likewise learn and are made better by this horrible situation.

Let us use this opportunity to double our resolve to live, work, study and govern by our stated core values. Let Michigan Tech be world renown as a university that is committed to providing and safeguarding an equitable, diverse and inclusive community in which all of its members feel safe, secure and welcome. Let every person in our community be respected and treated with the dignity associated with being a member of the greatest creation of all, mankind. Let us continue to use the acid test of all decisions and actions by asking ourselves the question, “How would I want my child or my loved ones to be treated.” Then, let’s do that. Let us never tire of ensuring such a culture, for the sake of the graduates we produce, for our institution that produces them and for the society that we serve.

I define culture as the unintended environment that is created by your leadership behavior. When leadership stays centered and makes decisions informed by their deeply held beliefs and values, we are creating a culture that others will likely follow as well.

Thank you for continuing to lead this university with that integrity and commitment to our core values as we strive together to create the future, and shape our world.

President’s Comments

Thank you Mr. Chair, Trustees,

Each year the Chairs of the House and Senate Higher Education Appropriations subcommittees collect questions from their colleagues and submit them to each public university for responses. This year, concerns were largely focused on Title IX and free speech issues on campus. Our written responses have been submitted to the committee members for their review. Normally, I’ve already testified by this Board meeting so I tell you what I told them in my testimony. Timing is a little different this year, so I’ll tell you what I am going to tell them next week when I testify to the committees highlighting these and a few other points.

With regard to Title IX issues, I’ll highlight a couple of important points:
First: Campus safety is a priority at Michigan Tech, and while we were recently rated as the safest college campus in the United States from *College Magazine*, we take nothing for granted. This is reflected in our mission statement where we state we “promote a university-wide culture of safety and responsiveness.”

Second: Michigan Tech’s sexual misconduct policies and procedures are under constant review. An annual external review of the Michigan Tech Sexual and/or Relationship Misconduct policy and procedures is completed by an outside law firm.

And of critical importance, it is our Title IX Coordinator who investigates all complaints. Absolutely no cases are managed within the department in which they originate. The method of investigation may be conducted by Public Safety and Police Services, outside law enforcement, an independent specially trained Title IX Investigator that we have retained, and/or the Title IX Coordinator. In most cases, the Title IX Coordinator will be utilized. That person reports directly to me.

With regard to free speech, we have a detailed response, but the bottom line is really three bottom lines…

First, we support the free speech rights of all our students as protected by the Constitution of the United States of America and we oftentimes stand side by side with them in support.

Second: we are the only public university in the State of Michigan to have achieved a “green light” – the best - rating for our policies on free speech by FIRE, the Foundation for Individual Rights in Education, a national watchdog group if you will, that defends first amendment rights in higher education; AND that safety is paramount in defending individual rights, and our Public Safety and Police Services cooperates with municipal police departments, County Sheriff’s Offices, the State Police as well as the FBI and the CIA as appropriate.

While policies and procedures are critical it is institutional *culture* based on shared values that serves everyone in ensuring a safe, respectful and productive environment.

I talked to you about these values last time but as a reminder, we embrace community, scholarship, possibilities, accountability, and tenacity as the basis for our planning and day-to-day work. These values – the values that make Michigan Tech Michigan Tech - set the groundwork for outcomes for our students, graduates and the university such as

- The rising enrollment for 6 years in a row,

- Our students’ job placement rate of 95% and their 6th in the nation highest average starting salaries.

- How our alums produce $1.4 billion in salary and wages in the state of Michigan.
- How the legislature’s most recent capital investments at Michigan Tech has served as a platform for our researchers to lead the risk analysis of Line 5 in the Straights of Mackinac for the Governor’s office.

- How a study last year using millions of anonymized tax records showed Michigan Tech as 10th among 369 selective public universities in the nation where a student from the bottom 20% of household income will rise to the top 20% by mid-career.

- And how a study (funded by NSF and others) released in December, titled, *Who Becomes an Inventor in America? The Importance of Exposure to Innovation*, using that same IRS data set, shows Michigan Tech as number 6 on a list of the 10 Colleges in the United States with the highest share of inventors per 1000 students. At 6th, we are the highest rated public institution in the country (think about that for a minute) - the only Michigan school…. and one of only two public schools on the list. The top 5 universities (all private) are MIT, Carnegie Mellon, Rensselaer Polytechnic, Stanford, and Case Western Reserve. Below us on the list are Clarkson, Georgia Tech, Rochester Institute of Technology and Rice; as well as every other public and private college and university in the United States.

Considered together, this is evidence that the inventive and entrepreneurial spirit of our sustained focus on the goals of our strategic plan are more than just words on a page….they really do reflect the efforts of students, faculty and staff that result in world class outcomes for the daughters and sons of Michigan. And of course, those outcomes are important; but they are outcomes. They are results. They are the products of the culture created by our values.

When we ask our students what one word best describes the student body at Michigan Tech, overwhelmingly they land on the word (no, not cold)….they say family. Family. They genuinely, trust, care about, and look out for one another. And they don’t get that way because our job placement rates and starting salaries…. they get that way because of their values. Our values. Thank you.

III. COMMITTEE REPORTS

A. Academic Affairs Committee Report – Linda Kennedy

The Academic Affairs Committee met yesterday and discussed the action items that are part of the Board’s formal session today; one of which was the honorary degree for Senator Gary Peters who will be our commencement speaker. The Committee supports this request. The Committee had a healthy discussion on the bachelors of science degree in sustainability science and society. This is an interdisciplinary program that is hosted through the Department of Social Science and aligned with the University’s Strategic Goal 2; which is to provide a distinctive and rigorous action based learning experience grounded in science, engineering, technology, sustainability, business and an understanding of the social and cultural context of our contemporary world. We support the Senate in introducing this program to the curriculum.
The Committee continued discussion on the already excellent Michigan Tech retention rate for our first year students. We are awaiting data gathered to help us in our effort for continuous improvement to keep and improve the first year retention rate.

We discussed infrastructures regarding mental health and making sure, we have the things we need. Beth Lunde-Stockero, Executive Director of Institutional Equity and Inclusion and Brian Cadwell, Director of Public Safety and Police Services, also spoke about the infrastructure at Michigan Tech and that our culture supports one of support and abhors retaliation.

The last half hour of the meeting was discussion with the University Senate and GSG presidents about a number of issues.

**Provost Report**
Dr. Jackie Huntoon provided an update on the Deans searches; Science & Arts candidates have visited; College of Engineering candidates are visiting now; phone interviews completed for School of Technology and candidates will visit in March; and the School of Forest Resources and Environmental Sciences application period closes at end of February.

She highlighted the study of standing at a desk as opposed to sitting at a desk; is it healthier for your arteries?

In a *Best Value Schools* article, our computer science program was ranked #14 in the nation. We are surrounded by great company in this group.

Dr. Huntoon went on to summarize how enrollment changed in the fall; undergraduate up by 1.5%; masters down by 5.8%; PHD down by .2%. The downward trend in graduate programs is partly impacted by the national rhetoric regarding immigration. She also showed charts on the change in enrollment from 2007 to 2017 as well as charts on faculty data among departments.

Lastly, she spoke about the report from *Michigan Business* that talked about sectors that are most promising for growth in the State of Michigan. In 2008-2015, Michigan Tech developed the Strategic Faculty Hiring Initiative (SFHI) and when comparing our initiatives with the report, we find the SFHI areas aligned almost exactly with the most promising growth initiatives for the State.

**Research and Sponsored Programs Report**
Dr. Dave Reed provided the Board with a 2nd Quarter FY18 report on research which included sponsored awards; research expenditures; intellectual property/commercialization and corporate sponsorship. He also provided a Superior Ideas Update.
Student Affairs and Advancement Report
Dr. Les Cook provided the Board with a report which included an overview of the student body attempt for the Guinness Book of Records to build the most snowmen in one hour; overview of 2018 spring enrollment; charts on current year application totals; and Spring Career Fair update. He then gave a brief update on the advancement area; how much has been raised to date and in what categories, as well as a progress report on the Clock Tower for campus.

B. Developing a Safety Culture in a Lean Environment – Ellen Horsch
Ellen Horsch, Vice President for Administration provided an annual report on safety and Lean. She spoke about Michigan Tech being the top safest college campus; discussed the Lean approach to continuous improvement and how that ties into and is used for workplace safety; and provided charts on employee safety statistics comparisons between 2001 and 2017. Ms. Horsch stated that everyone is empowered to be a safety leader.

C. Audit and Finance Committee Report – Steve Tomaszewski
The audit and finance committee has met once since the last board meeting.

The Financial Positon & Outlook for Fiscal Year ’18 was reviewed by the committee, which include the second quarter financial results and cash position. Along with general fund and current fund projections based on the second quarter actuals, with the projection for the general fund and current funds both projecting to be positive.

Julie Seppala, the Treasurer to the Board of Trustees, will present a high-level review of the second quarter financial results after my summary.

In preparing and planning for next fiscal year, the committee discussed the Fiscal Year ‘19 preliminary budget planning parameters, which included Enrollment Projections and Long-Term Planning Targets.

Discussed and reviewed University Operating Investment Guidelines to set parameters related to the management of the operating investments used by the VP for Finance and the Commonfund, the investment advisor for the University.

Reviewed annual financial information provided to the committee, which include:
- Revenue & expense trends
- Liquidity & Investment Metrics
- Five Historic Metrics and Five Year Targets - (Dashboard metrics, enrollment, employee count, diversity & financial ratios)
- Capital Investment Plan – (Upcoming strategic infrastructure improvements to support the portrait)
- Expenditure comparisons with Michigan and benchmark institutions
Other items reviewed by the Audit & Finance Committee:

- Capital Projects Update
- Internal Audit Open Audit Observations
- Quarterly Report on Continuous Improvement Using Lean Principles

Treasurer’s Report
Ms. Julie Seppala provided the Board with the financial report which consisted of the condensed statement of net position, condensed statement of revenues, expenses and changes in net position as of December 31, 2017; and the FY2018 current fund projected revenues and expenses.

D. Leadership Committee Report – Brenda Ryan

The Leadership Committee met on February 21, 2018, we:

- Discussed a performance evaluation process for the New President;
- Discussed recommendations for election of Board Chair and Vice Chair for May 4 Board of Trustees meeting;
- Reviewed the President’s FY 18 Annual Incentive Plan for an “At Risk Performance Bonus”;
- Reviewed and made a minor change to the Leadership Committee Charter;
- Reviewed the Board of Trustees Leadership Committee Calendar FY18.

D. Presidential Search Committee Report – Bill Johnson

The selection of the President is the most important and significant decision that any University Board can make. In April of last year, when President Mroz announced his intention to return to faculty, the Board of Trustees developed a search process to be inclusive, collaborative, transparent, and legally compliant. While the final selection of a President rests solely with the Trustees, we created a process designed to ensure all of the university community voices were heard.

The Trustees sought nominations from various sectors of the university community to serve on the Presidential Search Committee (PSC). The result was a search committee of 14 comprised of the greater university community with representation from the Board, undergraduate students, graduate students, faculty, staff, alumni and the local community. The Chair of the Board of Trustees, Terry Wojchowski, appointed myself as Chair and Brenda Ryan as Vice Chair of the PSC. Julie Fream and Bob Jacquart from the Board of Trustees also served on the Committee.

The first task for the PSC was to review and evaluate the responses from three search firms who responded to a request for proposal. The PSC interviewed all three firms and recommended all three to be interviewed by the Trustees. Storbeck/Pimentel & Associates were selected by the Trustees to assist the PSC. The PSC did an excellent job in creating and utilizing a process in the selection of a search firm that best fits Michigan Tech. The Trustees
and the PSC are more than pleased with level of expertise our consultants: Julie Tea, Steve Leo, and Brian Bustin have provided.

There were many others who were nominated or volunteered to serve on the search committee. The Board did not want that knowledge base to go untapped so those not selected to serve on the PSC were invited to serve as an advisory focus group. The focus group provided additional input and acted as a sounding board during the search process. The focus group has met on June 9th, August 1st, September 14th (with SPA), October 19th, and December 14th of 2017 and most recently on February 22nd of this year. Brenda and I, on behalf of the members of the PSC and Trustees, truly appreciate the focus groups contributions.

University community open forums were held on campus in 2017 on October 19th and December 14th. The most recent open forum was held on February 22nd of this year and live streamed for those unable to attend. We also held in the fall 13 Town Hall meetings on campus plus 3 more downstate. The open forums were instrumental in gathering input to build the profile and website in search of a new President.

Brenda and I sent university community update memos to all students, faculty, staff, alumni and community members on September 7th, October 9th, November 3rd, December 1st and January 26th.

In a continuing effort to provide an update on the presidential search as well as an opportunity for the Senate to address any concerns or issues, Brenda and I attended University Senate meetings on December 13, 2017 and February 21, 2018. Brenda and I wish to thank the Senate for inviting us to join their meetings. We continue to have regular 30-minute check-ins with Storbeck. Since my last report in December, we have had four conference calls.

The PSC met on January 9th, January 22nd and January 30th. In the continuing effort of the PSC search committee training from this summer, Lorelle Meadows and Renee Hiller facilitated a discussion specifically on implicit bias at our January 30 meeting. We had maximum diversity on the committee with minimum bias.

The last PSC meeting was held earlier this week on February 21st. The day closed with a recognition dinner attended by the members of the PSC, support staff, Executive Team and Trustees.

Along with our search consultants from Storbeck, the PSC completed the first round of interviews in the search for the next President at Michigan Tech. There were more than 6 but less than 12 candidates who were considered by the PSC during the interview process. The PSC along with Storbeck conducted reference checking on each of the candidates.

The Charge from the Chair of the Board of Trustees to the PSC was to identify and bring forward three or four semi-finalists for the Board’s consideration by the end of February of 2018. I am pleased to share with you that the PSC has completed this task and have forwarded the names of the required number of semi-finalists to the Board of Trustees for their consideration.
We have remained diligent in protecting the confidentiality of all applicants in order to attract and retain the most qualified candidate pool possible. The Board of Trustees and the PSC have followed the best practices for executive search processes in a very competitive higher education market.

We are still on budget for the search. The Board of Trustees are on track to select a new President this April, with the start date scheduled for July.

Brenda and I, along with the rest of the Trustees, would like to personally thank the members of the Presidential Search Committee, the focus group, and the university community in our search for the next Michigan Tech President.

The Board of Trustees introduced a Resolution of Appreciation for the Presidential Search Committee:

Resolution of Appreciation for Presidential Search Committee

WHEREAS, in June 2017, the Michigan Technological University Board of Trustees designated a 14-member Presidential Search Committee to conduct a national search to identify candidates qualified to become the tenth President of the University;

WHEREAS, the Search Committee provided their time and expertise to recommend search firms to the Board of Trustees;

WHEREAS, the Search Committee presided over multiple meetings with community members, stakeholders, and constituent groups in order to gain valuable insight; and

WHEREAS, the University would like to recognize the outstanding contributions of those who have helped with this effort,

Therefore be it RESOLVED:

That the sincere appreciation and profound respect of the Board of Trustees of Michigan Technological University be expressed to each member of the Presidential Search Committee, including chair Bill Johnson, vice chair Brenda Ryan, Carl Anderson, Braeton Ardell, Jim Baker, Brian Barkdoll, Julie Frem, Bob Jacquart, Lavanya Rajesh Kumar, Lorelle Meadows, David Rowe, David Shonnard, Darnisha Slade, and Ashutosh Tiwari.

It was moved by D. Sanders, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees adopt the Resolution of Appreciation for the Presidential Search Committee as presented.
E. Presidential Transition Committee Report – Derhun Sanders

The Transition Team held their second monthly meeting with Storbeck Pimentel, University Marketing and Communications and the Transition Team earlier this week. We will continue to meet each month for a successful transition. We are on a good transition path. Activities include recognition at a recent hockey game and dedication of an article in the Michigan Tech magazine for our current president. Let me pause and state that as a Board we are committed to recognizing both Glenn and Gail for their service to the University. We have laid out future recognition events with areas of interest to include but are not limited to our alumni, the campus community as well as additional publications specifically in the Michigan Tech summer magazine.

The Team has identified specific engagements for the new president, which the marketing team will play a key aspect in the rollout of the new president. Meetings with the community and with additional stakeholders will take place as well.

Lastly, onboarding items will be decided after an initial meeting with Roberta Dessellier, the Board Secretary, and the new president and the team will track that. We have again specific meetings that are set up for the new president as they embark on a new journey.

IV. CONSENT AGENDA

It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees approve and adopt the items contained in the Consent Agenda.

IV-A. Approval of Minutes

It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the minutes of the formal session of December 15, 2017, as distributed to the Board, be approved.

IV-B. Gifts

It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees acknowledges the gifts to Michigan Technological University.
IV-C. Resignations, Retirements and Off Payroll

It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees accepts the resignations and confirms the off payroll determinations.
IV-D. Degrees in Course

It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees approves the awarding of the degrees as specified, to each of the candidates listed, and offer congratulations.
Michigan Technological University
Degrees Awarded for Conter Fall Term 201708

Associate in Humanities
Querly Rose Ekelinger

Bachelor of Arts in Communication, Culture, and Media
Samantha Blake Stein

Bachelor of Arts in English
Alissa Alisson Alexander
Matthew Karl Brodersen

Bachelor of Arts in Sound Design
Nicholas Joseph Cecconi
Andrew Thomas Summers - Cum Laude

Bachelor of Science in Anthropology
Patrick Thomas Gillman
Josef Thomas Iraniakchi

Bachelor of Science in Applied Biology and Environmental Science
Ashley Dawn Truitt

Bachelor of Science in Applied Geophysics
Cody Allen Stoddard

Bachelor of Science in Audio Production and Technology
Lance Alexander Cohn

Bachelor of Science in Biochemistry and Molecular Biology
Matthew Thomas Bronnenman - Magna Cum Laude
Jared Nathaniel Seppanen

Bachelor of Science in Biological Sciences
Abigail Frances Bezzell - Summa Cum Laude
Courtney A. Smith - Cum Laude

Bachelor of Science in Biomedical Engineering
Sean P. Cotsey
Sydney Lynn Chiansy
Helen Marie Kasten - Cum Laude
Christopher Andrew Laes
Emily Sarah Macomber
Joshua David Mortell
Elizabeth Lee Martin
Jason Walter Smith
Nathaniel Evan Smith
Thomas Joseph Scribner
Stephanie Maria Vagoza

Bachelor of Science in Chemical Engineering
Nicholas Andrew Carlson - Summa Cum Laude
James Gerald Kuechler
Ambior Lorraine Tobovyak - Magna Cum Laude
Joel Marc VanLaren - Summa Cum Laude

Bachelor of Science in Chemistry
Terri R. Cavender
Alexis Lynn Martin

Bachelor of Science in Civil Engineering
Shihao Chen
Stephen J. Comperchio
Caleb Glenn Donn - Magna Cum Laude
Scott William Fisher
Keagan F. Furler
Kyle Monroe Gallant
Devon Adams Jamieson
Brian Frederick Kass - Magna Cum Laude
Alex James Kilpert
Yi Liu
Jacob Allen Loew
Mario Louis Mariacchi - Magna Cum Laude
Nathan Daniel Miller
Edward Lawrence Nemec
Madison Nicole Oslund - Magna Cum Laude
Emily Louise Oppinger
Anthony Raymond Pichok
Jacoby Edwin Pieti - Magna Cum Laude
Cameron Russell Place - Cum Laude
Michigan Technological University
Degrees Awarded for Conteral Term 201708

Anne M. Porter
Bailey Alexander Romer - Magna Cum Laude
Grace Eva Schroeder
Stacie Louise Sender
Cole Gordon Shafer
Michael Shinol
Trevor Ronald Stevens - Summa Cum Laude
Katherine Marie Tagges
Danielle Christine Vogt

Bachelor of Science in Computer Engineering
Mitchell John Beer
Aidis Mari Dixi - Magna Cum Laude
Michelle Erin Gregory
Zachary Allen Hill - Cum Laude
Brendan Knight Kerrigan - Cum Laude
Xingliang Li
Neil J. McEchlin
Zedkary James Ploz
Joshua Vence Prewett
Andrew John Reini
Nicholas Michael Wissin - Cum Laude
Yuqiang Wang - Magna Cum Laude

Bachelor of Science in Computer Network and System Administration
Thomas G. Champion
Bryan Newbold
Alexander Richard Roberts
Trevor James Taubitz - Summa Cum Laude
Jacob Jerry Wright

Bachelor of Science in Computer Science
Brian Stewart Berg
Steven Raymond Bertolucci
Michael Robert Grissel
Tate Wellington Hanewalt
Grayson Andrew Hooper - Cum Laude
Nathanial Thomas Johnston
Dillon Rodney Krompelz
Ronald Liu
Galah Ray Park
Robert Alexander Reid
Daniel Joseph Salzmann
Jacob Stiebel - Summa Cum Laude
Mattew Terher Vaught - Magna Cum Laude
Matthew L. Visconti - Magna Cum Laude
Nathan David Zurcher - Cum Laude

Bachelor of Science in Electrical Engineering
Luke Christopher Breiding - Cum Laude
Kevin R. Cashen
Zachary D. Dreesenga
Adam Robert Flaim
Zachary Robert Furger - Cum Laude
Terry Stephen Gregoriska
Tyler LaVern Gloves - Magna Cum Laude
Keith Lee Hutchinson
Stephen Robert Kresse - Cum Laude
Patrick Sean Leske
Michigan Technological University
Degrees Awarded for Contemplal Term 2017

Bachelor of Science in Electrical Engineering Technology
- Chao Chen
- Timothy Richard Genaudis
- Adam Kline
- Quincy Washington
- Junmin Zhou

Bachelor of Science in Engineering
- Steven Robert Newby

Bachelor of Science in Engineering Management
- Colette Louise Solleau
- Mikaela Dorothy Carlson
- Cara Danielle jelly
- Chester Paul Winfield

Bachelor of Science in Environmental Engineering
- Morgan Sandra Beklides
- Matthew P Byrne - Cum Laude
- Sasha Rachelle Drumh - Magna Cum Laude
- Aubrey Rose Pickle
- Jacob Peter Hedman - Magna Cum Laude
- Matthew Joseph Langries
- Juliane Marie Midlands - Cum Laude
- Jeremy R Peck
- Rand Alexander Slivers
- Michael Alexander Sizemore

Bachelor of Science in Exercise Science
- Katelyn M Kelley

Bachelor of Science in Finance
- Zachary William Hill
- Ryan Michael Massakowski
- Kelsie Ann Namrode - Magna Cum Laude
- Alex Connor Vallenah

Bachelor of Science in Forestry
- Colton J Behrens
- Melinda Lee Behrman - Magna Cum Laude
- Tabatha Ann O'Dell Campbell - Magna Cum Laude
- Jacob Thomas Deling
- Cody Wayne Platte
- Logan James Gendron Granquist
- Eli Raymond Jensen
- Evan G Long
Michigan Technological University
Degrees Awarded for Conferment Term 201708

Bachelor of Science in Geological Engineering
Joshua Theodore Nicholas
Michael Hayden Schmid - Magna Cum Laude
Cooper Davis Abel
Edward Theophile Glowacki
Nicholas Ryan Howery
Kim M Koboski
Max William Reed - Cum Laude
Valentia Andreyna Suarez Bolivar - Summa Cum Laude
Hannah Layne Weeks

Bachelor of Science in Geology
Quayla Rose Beekering
Hanna Josephine Dolinski
Tiffany Anne Laporter
Marissa Rose Schon - Summa Cum Laude

Bachelor of Science in Management
Kyle Jerome Bindi
James Alyssa Dempsey - Magna Cum Laude
Benjamin Patrick Etsau
William Bohdan Hrobinsky - Magna Cum Laude
Yiilang Li
Preeti Malik - Magna Cum Laude
Michael Harrison Neville
Adam MQuitones
Jake Thomas Raymond
Gregory L Sauge
Margo Krista Weaver

Bachelor of Science in Marketing
Anne Marie Rasinnen - Cum Laude
Alex Michael Sherblow

Bachelor of Science in Materials Science and Engineering
Phillip Joseph Bednarczyk
Emily Jane Hunt
Erin Michelle Neil - Magna Cum Laude
Evan C Cline
Anna K Polk
Julia Mary Scruton - Magna Cum Laude
Cameron James Smith
Nicholas Scott Verheen
Zachary Tyler Verreet

Bachelor of Science in Mathematics
Morgan Marie Grammatikos
Madison Jane Hearinga
Tyler Kenneth Sturos

Bachelor of Science in Mechanical Engineering
Cody James Ardoma
Matthew James-Daniel Adams - Cum Laude
Alison Mary Morgan Artrey
Matthew Raymond Anderson - Cum Laude
Rosel Lauren Arthur
Anthony Christian Bacon - Cum Laude
Trevor James Banas
Anders Lee Bjorn
Nicholas Alan Blake
Jacob R Bohl
Sullivan P Brock
Jacob R Burks
Jonathan Barke
Michigan Technological University  
Degrees Awarded for Conferral Term 201708  

Andrew Charles Burns  
Maria Anthony Calabria - Cum Laude  
Scott Anthony Cannon  
Caitlyn Nicole Leaman Case  
Matthew James Caspers - Cum Laude  
Yushao Chen  
Brendan Thomas Collins  
Ellaina E Cook  
Luke Tyler Cordes  
Jared Michael DeBoer  
Jessica Kathryn Denley  
Levi Michael Dramm - Summa Cum Laude  
Nick Chris Dubiel  
Mckison Rose Duensing - Cum Laude  
Jennifer Lynn Dzurka  
Alessandro Thomas Fitzsimmons  
Seán C Fitzsimmons  
Even Richard Frank  
Spencer J Gender  
Nothra Mihan Gogole  
Matthew Gordon Gloasson  
Alina Thomas Groen - Magna Cum Laude  
Matthew Williams Gustman  
Alex B Haapapuro  
Deven Allen Hall  
Eric M Jacobson - Magna Cum Laude  
Jacob Michael Janvi - Cum Laude  
Julien Robert Jersman  
Helen Marie Kersting - Cum Laude  
Neil Raymond Kaupilla  
Zachary Serevt Klassen  
Zachary Aaron Klein  
Erik Hans-Henry Kocher  
Stephen Robert Knoese - Cum Laude  
Christopher Andrew Laes  
Chad Darrel Lehto  
Jeffrey John Ley - Magna Cum Laude  
Samuel John Maneik - Magna Cum Laude  
Christopher Mark Maledich - Magna Cum Laude  
Cody Arthur McGrath - Magna Cum Laude  
Shane Lewis McGrath - Magna Cum Laude  
Benjamin Jacob McKeth  
Aeron Carl Mead - Summa Cum Laude  
Brett Mark Michaud  
Eric Jordan Miller - Cum Laude  
Andrew Michael Mils  
Paul James Moepenborg - Cum Laude  
Nicholas J Olivaert - Summa Cum Laude  
Jesse Josiah Olson - Magna Cum Laude  
Corey John Ortiz - Summa Cum Laude  
Benjamin Kirk Paxson
Michigan Technological University
Degrees Awarded for Conferal Term 201708

Cedric M. Perez
Spencer Jon Phillips
Hans Michael Petelia - Cum Laude
Kyle David Phinizek
George Stephen Platz
Michael Joseph Pospyvak
Rebecca Anne Ralph
Daniel Jon Ratkos
William A Reck
Matthew A Rennell
Alex Lee Reibke
Erika Nicole Ritchie - Cum Laude
Jacie Lee Rosio
David Timothy Ruggles
Jason Andrew Scott
Logan M. Sheffield - Magna Cum Laude
Tristan James Slabaugh
Brody K Smith
Dallas Jaime St. Amaud
Mark Anthony Soiley
Reid Robert Strous
Cody Marsh Sutton
Joseph Anthony Szczep
Zachary James Taylor
Paige K Thibodaux
Evan Tearhydt-Tsuda - Magna Cum Laude
Evan R Turney
Benjamin James VenDyke
Jason Scott Voitovich
Erik M Wade
Alexander Steven Waisanan
Alexander J Walla
Colleen Blythe Weaver
Nicholas James Wroe
Tyler Austin Wodek
Jim R. Woodford - Magna Cum Laude

Bachelor of Science in Mechanical Engineering Technology
Dakota James Bemek
Justin James Banasevuk
Joseph L. Gainer - Magna Cum Laude
Trevor D Jones
Jake Rani Jurkowski
Bryce Daniel Lubschaeuer - Magna Cum Laude
Jordan Clark Newland
Adam Joseph Ronke
L Reicheltter
Sawyer Montgomery West
Jake Russell Wedemeyer

Bachelor of Science in Medical Laboratory Science
Samantha Ann Doyle
Cassandra Marie Jaffos
Zoe Rae Sutton

Bachelor of Science in Pharmaceutical Chemistry
Ashima Chhabra
Michigan Technological University
Degrees Awarded for Conferal Term 201708

Bachelor of Science in Psychology
Keelyn Erin Eby
James Curtis Henderson
Amy Joy Patterson - Magna Cum Laude
Nettieha Shaniqua Tyner
Kimberly Louise Venz - Cum Laude

Bachelor of Science in Scientific and Technical Communications
Brendan John Baxler
Rachel Kristine Femstrom

Bachelor of Science in Social Sciences
Amanda S Perreault
Jared Frederick Roberts - Cum Laude
Heather Elizabeth Sander - Cum Laude

Bachelor of Science in Software Engineering
Collin Wilson Baldwin - Magna Cum Laude
Joshua Byron Hooker - Magna Cum Laude
Prashar Keshav
James Steven Resnick - Summa Cum Laude
Mark Charles Shihaux - Magna Cum Laude

Bachelor of Science in Sports and Fitness Management
Antwon D Curtis

Bachelor of Science in Statistics
Blake Richard Stikko

Bachelor of Science in Surveying Engineering
Joseph Douglas Argirl
Brandon Roy Hill - Cum Laude
Aaron James Miner

Bachelor of Science in Theatre and Entertainment Technology
Jason Andrew Scott

Bachelor of Science in Wildlife Ecology and Management
Gregory James Fedle
Brett Stephen Howland - Summa Cum Laude
Alexander J Lange
Matthew Michael Rahko
Jessica Marie Roth - Cum Laude
Elizabeh Marie Stinner - Cum Laude
Lauren C Walkowski

Doctor of Philosophy in Biological Sciences
Andrew Chapp
Kyle Michael Driscoll

Doctor of Philosophy in Chemical Engineering
Liu Tian Pankemunsch
Rachel Ann Martin

Doctor of Philosophy in Chemistry
Chelsea Jaymes Nicola

Doctor of Philosophy in Civil Engineering
Amanesh Elias Kerebort
Ishiyuungo Gao

Doctor of Philosophy in Computer Engineering
Yuchen Zhou

Doctor of Philosophy in Computer Science
Lindsa Hsi

Doctor of Philosophy in Electrical Engineering
Guna Ratna Bharati

Doctor of Philosophy in Engineering - Computational Science
Zhong Hu

Doctor of Philosophy in Forest Science
Collin Coleman Pfeifer

Doctor of Philosophy in Industrial Heritage and Archaeology
John David McEwen Arnold
Erk Charles Nordberg

Doctor of Philosophy in Mathematical Sciences
Ali Mahmood Nahr Al Zealig

Doctor of Philosophy in Mechanical Engineering - Engineering
Ehsan Ansari
Sorayaet Chianjabasate
Yashwinth Donlapadi
Patchavan Gargibhatanagul
Vinayakumar Kaduru
John Ryan Murdock
Adam K Smith
### Doctor of Philosophy in Physics
- Moharram Hosaini Teimourpour
- Joel Scott Beatty
- Rebeccia Marie Clarkson
- Jessica Renee Laurer
- Vincent Cole Mandzi

### Doctor of Philosophy in Rhetoric, Theory and Culture
- Jacqueline Christine Aird
- Jordan Chartier
- Emily Jo Harrison
- Ankit Kapoor
- Amanda Anne Karaiannekis
- Nicholas Jeffrey Skofield

### Master of Business Administration in Business Administration
- Sumit Das
- Sridhara Nair
- Jake Robert Halehurst
- Steven P. Mestani
- Brian Jeffrey Peacock
- Jacob Robert Raj
- Joel B Taylor

### Master of Engineering in Engineering
- Ayden Szczepaniak
- Adam Roy Leiplander
- Mutsumi Kay Mattson
- Spencer Thomas Moran
- Nyamie Marie Olson
- Brenna Nicole Thompson
- Dong Xia

### Master of Geographic Information Science in Geographic Information Science
- Jesse Charles Anderson
- Serta Karladi
- Ashifqur Rahman

### Master of Science in Accounting
- Matthew Gerard Spiretzer
- Dean Youngren
- Maja Ghaflarian Taslshi Sani
- Carmen Michelle Leguzamon

### Master of Science in Biomedical Engineering
- Taora Belbera Cord
- Jaclyn Claudine Mayrose
- Raghav Prakash

### Master of Science in Chemical Engineering
- Pritamith Gangavaniyapu
- Baju Varghese George
- Marian Theresa Ampodu

### Master of Science in Chemistry
- David Alan Flish
- Xing Gao
- Aziz Heidari
- Nuuzzal Hossain

### Master of Science in Civil Engineering
- Etiwemwengie Henry Ighoro
- Adrianna I Masterton
- Nadeeshi Pollocki Sabananj
- Lory A Schnee
- Makenna Janine Steinluga
- Jiaqing Wang
Michigan Technological University
Degrees Awarded for Contingent Term 201708

Master of Science in Computer Engineering
Zichao Weng
He Xush
Timothy James Bradt
Sameer Vinay Garef
Philipp Douglas Scrannin
Shuo Wang
Zimeng Wang

Master of Science in Computer Science
Jadyn Anne Barnes
Mohammad Hossein Besheshir
Anthony Dupont
Li Guo
Ridwan Ahmed Khan
Anjie Wen

Master of Science in Data Science
Saranya Nithin Bechal
Shravan Kumar Bittla
Reventh Cheppidi
Nishanth Gandhiresan
Mikal Perinathbalil Sheh
Rohit Haveshdar Shanks
Dilros Myron Simon

Master of Science in Electrical Engineering
Salman Abdul
Ayodeji Sulaimon Amoo
Lopamudra Baruah
Surya Kiran Chittiboyena
Cael F Cobian
Asif Fetahi
Ravi Raj Gupta
FNU Hakeem Fanoon
Mohamed Musaa Hassan
Setya Surya Sriskanda Venkataken
Paniz Khanshekhmad Haizaveh
Avnaashi Shrivatsav Kovuri
Jing Li
Jackson Wil Medowski
Andrew Calin McMichael
Anup Balaji Nair
Aasvin Nanda Chandrashekar
Jaimiee Narasikumar Patil
Shishir Kumar Jayashebha Patel
Sreeja Peram
Krishna Chaitanya Podur
Pravinkumar Kamleshkumar Sankhar
Brandon Williams Svetozerski
Sakineh Yazdanpanah

Master of Science in Environmental Engineering
Frank Brandon Dubasik
Laura Catherine Gallagher
Sara Emma Mille
Zhimin Song
Masue Zhang

Master of Science in Forest Ecology and Management
Jhon Del Aquila Pasquale
Charles Haster King
Master of Science in Forest Molecular Genetics and Biotechnology
James Karl Rauschendorfer
Iskander Demirtas
Megan Anne Petras

Master of Science in Forestry
Lindsey Faye Ellington
Marley Marie Chynoweth
Brendan Charles Pollo

Master of Science in Geological Engineering
Hassan Salih Alsharif
Kyle Bernard Mishler

Master of Science in Geospatial Technology
Pratiksha Rakhe
Lüxi Wang
Zhuyong Yin

Master of Science in Mathematical Sciences
Ge Peng
Qiuchen Hai

Master of Science in Mechanical Engineering
Behdad Afshami
Saurabh Kiran Kumar Barot
Dhruv N Chawda
FNU Dhanraj
Nathan Mr. William Ford
Ankur Gupta
Kritik Kumar Jain
Abhay Shrinand Joshi
Diptesh Deepak Malotpure
Raj Juyal Mehta
Siddharth Panesh Nayar
Samuel Makin Nichols
Swarali Aresh Pandey
Harsh Bhalwade Pekel
Belye Parash Potham
Hrishikesh Prasad Rinji Prasad
Sandesh Subhaschandra Rao
Boroj Rihan
Anshul Sharma
Rink Singh
Vijay Thakur
Joseph Cory Tripo
Subhajit Vikay
Suryanshu Vahekar
Zhi Wang

Master of Science in Medical Informatics
Chin Yuan Chen
Saqda Emaadi Kabashi Osman

Master of Science in Rhetoric, Theory and Culture
Anna Kathryn Swartz

Michigan Technological University
Degrees Awarded for Conferral Term 2017-08

Registrar's Office
2 Feb '18
V. ACTION/DISCUSSION ITEMS

V-A. Honorary Degree

The Administration is recommending that Senator Gary C. Peters be awarded an Honorary Doctorate of Philosophy degree.

Senator Peters was elected in 2014 to represent the State of Michigan in the U.S. Senate. Throughout his career in public service, Gary has been a strong, independent voice for Michigan’s families and small businesses. He has focused on uniting our communities by fighting for the things that we all agree on — a stronger economy, good-paying jobs, affordable health care, a secure retirement and a fair chance for everyone to succeed.

In the 115th Congress, Gary serves on the Senate Armed Services Committee, Senate Commerce, Science, and Transportation Committee, the Senate Homeland Security and Governmental Affairs Committee and the Joint Economic Committee.

In the U.S. Senate, Gary’s top priority is to continue supporting job creation and economic growth to strengthen Michigan small businesses and our middle class. He is committed to working with members of both parties to find commonsense, practical and bipartisan solutions to the challenges facing Michigan and our nation.

It was moved by L. Kennedy, supported by B. Johnson, and passed by voice vote without dissent that the Board of Trustees approves the awarding of an Honorary Doctorate of Philosophy degree to Senator Gary C. Peters.

V-B. Proposal for a Bachelor’s of Science Degree in Sustainability Science and Society

The faculty members of the Department of Social Sciences at Michigan Technological University seek to establish a Bachelor’s of Science (B.S.) degree program in Sustainability Science and Society. The Bachelor’s program in Sustainability Science and Society is designed to attract students with diverse interests in the social science dimensions of sustainability, preparing them to become professionals with a solid knowledge of the environment. The proposed degree will help students develop the interdisciplinary social science knowledge and skills needed to address the world’s most significant environmental sustainability problems. Challenges in environmental sustainability involve significant social dimensions, so finding solutions and providing leadership on sustainability issues benefits from an interdisciplinary foundation in the social sciences. Traditional approaches to environmental management have largely been based on compartmentalized models where different disciplines exist in separate silos, even though the systems we try to manage are tightly coupled and dynamic. In contrast, sustainability science examines the interactions between human, environmental, and engineered systems to understand and contribute to real-world solutions.
It was moved by B. Johnson, supported by S. Tomaszewski, and passed by voice vote without dissent, that the Board of Trustees approves the Bachelors of Science Degree in Sustainability Science and Society.

VI. REPORTS

A. Undergraduate Student Government Report
Mr. Mitchell Sanford, President of USG, provided the Board with the following report of activities.

- USG Initiative Update
- USG Body Improvements
- USG Events
- Snowman Left Behind
- Funding and Special Budgetary Group Review
- SAF Review

Mr. Sanford concluded by stating USG continues to recruit quality undergraduate students to the body; remains active in hosting events on campus and continues to allocate and review funding for student organizations. He also stated that his term as USG President would end at the end of this semester.

B. Graduate Student Government Report
Mr. Hossein Tavakoli, President of GSC, provided the Board with the following updates.

- Emergency Fund
- Cultural Events Fund Committee activities
- GSG Mid-Year Evaluation
- Transportation
- Accessibility

C. University Senate Report
Dr. Martin Thompson, President of the University Senate, provided the Board with an overview of Senate Approved Proposals. Current Senate topics of discussion are parking, teaching evaluation process, and tenure-track positions in the Library.

VII. INFORMATIONAL ITEMS

A. Analysis of Investments
B. University Issued Bond Balances
C. Research and Sponsored Programs Report
D. Advancement and Alumni Engagement Report
E. Recent Media Coverage
F. Employee Safety Statistics
G. Disposal of Surplus Property
VIII. OTHER BUSINESS

None

IX. PUBLIC COMMENTS

Chair Woychowski paid tribute to Mr. Tom Baldini, former Board of Trustee, who passed away on December 26, 2017.

X. INFORMAL CLOSED SESSION FOR A REVIEW OF PENDING LITIGATION

It was moved by D. Sanders, supported by B. Johnson, and passed by voice vote without dissent, that the Board of Trustees proceed into an informal closed session for a review of pending litigation. (A closed session for such a purpose is provided for in Section 8 (e) of P.A. 267 of 1976). (A roll call vote is required).

Roll Call Vote:

Fream - Yes  Ryan – Yes
Jacquart - Yes  Sanders - Yes
Johnson - Yes  Tomaszewski - Yes
Kennedy - Yes  Woychowski - Yes

The motion passed.

The Board of Trustees reconvened in open session with a quorum present.

X. ADJOURNMENT

It was moved by S. Tomaszewski, supported by B. Johnson, and passed by voice vote without dissent, that the meeting be adjourned.

_______________________________________
Secretary of the Board of Trustees

___________________________________
Chair, Board of Trustees