MINUTES

of the

Board of Trustees

Michigan Technological University

Houghton, Michigan

Meeting of

December 18, 2015
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</tbody>
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MINUTES OF THE FORMAL SESSION OF THE BOARD OF TRUSTEES OF MICHIGAN TECHNOLOGICAL UNIVERSITY held pursuant to due call 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 December 18, 2015.

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 18th day of December 2015, 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 the Chair, J. Fream, and a quorum was declared present.

The following members of the Board of Trustees were present:

   J. A. Fream, Chair  
P. G. Ollila, Vice Chair  
T. L. Baldini  
R. J. Jacquart  
B. L. Johnson  
L. D. Kennedy  
B. R. Ryan  
T. J. Woychowski  
G. D. Mroz, ex officio

The following members were absent:

   None

Also present during part or all of the session were: Dale Tahtinen, Secretary of the Board; Julie Seppala, Treasurer; Jackie Huntoon, Provost and Vice President for Academic Affairs; David D. Reed, Vice President for Research; Ellen Horsch, Vice President for Administration; Les Cook, Vice President for Advancement and Student Affairs; George Butvilas, Chair of the Michigan Tech Fund, 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

Board Secretary, D. Tahtinen, recommended that item V-D. Grant Application for the Michigan Department of Environmental Quality be added to the agenda.

It was moved by T. Woychowski, supported by R. Jacquart, and passed by voice vote without dissent, that the agenda of the formal session of December 18, 2015, as distributed to the Board, be approved as amended.

II. OPENING REMARKS

Chair’s Comments

I would like to welcome everyone to today’s Board of Trustees meeting and to this Commencement weekend celebration of achievement and success. This is always a special and exciting time of the year, as we honor our graduates and their families.

Here are a few highlights of some of the awards and special activities that have taken place since our last meeting with respect to our strategic plan goals and vision.

With respect to the strategic plan goal of attracting and retaining world-class people:

• Julia King, professor in chemical engineering, has been named to the new Lorna and James Mack Professorship of Continuous Processing. Dr. King's research focuses on adding various carbon fillers to typically thermoplastic polymers to produce electrically and thermally conductive resins. Increasing the thermal and electrical conductivities of typically insulating polymers has the potential to greatly increase the market for these materials.

• Faith Morrison, professor in chemical engineering, has received the Distinguished Service Award of the Society of Rheology. Dr. Morrison was just the tenth recipient of the Distinguished Service Award, and was recognized for her exceptional service to the Society of Rheology. She has been active in the society for decades having chaired the membership committee and constitutional reform committee and served on other ad hoc committees, and is currently the editor of the Rheology Bulletin.

• Les Cook, vice president for student affairs and advancement has been named one of the NASPA Foundation’s 2016 Pillars of the Profession. NASPA is the leading professional organization for student affairs administrators in higher education. Each year, the NASPA Foundation recognizes individuals who have earned professional distinction in higher education, served in leadership roles in NASPA and have made significant lifetime contributions to higher education. This year, 14 student affairs leaders were named Pillars of the Profession, including Dr. Cook.

As our strategic plan articulates several goals with respect to being recognized for our ability to inspire students and advance knowledge:

• The National Science Foundation (NSF) has released its annual research spending report, and Michigan Tech has moved up in its rankings. Of 634 institutions that received research funding in 2014, Tech received $68.5 million, ranking 163rd
overall nationwide. The University ranked 117th among public institutions. Mechanical engineering research at Tech received $13.1 million in funding, ranking 19th in the nation. Atmospheric science — a new interdisciplinary category — received $3.1 million and ranked 34th. Fourteen disciplines at Michigan Tech ranked in the top 100 for research spending.

• Michigan Tech’s Baja racing team participated in the Backwoods Baja race held at the University of Wisconsin-Stout, and swept the field taking first, second, and third place, as well as the fastest lap. The race was a four-hour enduro, split in half by an hour intermission. This has been an impressive semester for the baja team with wins at Midnight Mayhem and Backwoods Baja, and they are looking forward to a great set of national competitions this spring.

Contributing to the goal of world-class research:

• Jason Carter, Department Chair of Kinesiology & Integrative Physiology, Adrienne Minerick, Professor of Chemical Engineering, Guy Hembroff, Associate Professor in the School of Technology, Keat Ong, Associate Professor of Biomedical Engineering and Jodi Lehman, Assistant Director for Research Development, received $750,000 from the Portage Health Foundation, for a project entitled, “A Partnership to Improve Health Education, Research, Infrastructure, and Local Economic Growth.”

• Alex Mayer and Noel Urban, both Professors in Civil & Environmental Engineering, received $599,590 from the National Science Foundation, for a project entitled, “Promoting Learning about Computational Tools and the Environment.” This work will engage secondary school teachers from the UP and Michigan Tech graduate students in state-of-the-art research and development of innovative curricula on modeling environmental systems.

Those are the proud accomplishments that have occurred in the last two and half months since we met. I also wanted to touch on some of the challenges that we faced in recent weeks in regard to the Yik Yak comments and some of the other challenges with regard to diversity on campus. I again want to reiterate, and this is something that I talked about at our last Board meeting, that the Board does not tolerate, and will not tolerate, any type of discrimination or lack of respect for individuals on the campus. We just finished a meeting with the Senate Executive Committee, and we are working with them and have engaged them to participate in helping to address these issues on campus. I am grateful that we are having the dialogue on campus and that we are addressing these and that these issues are coming out, and we have an opportunity to talk about them and work through them. I think it is a tremendous opportunity as a campus in total to improve our respect for each other and to demonstrate the value that we hold each other in. It is really important that we use these situations as a launching point for us as we move into the 21st century and as we move into the global environment. I know that President Mroz will also talk about this as well, but I wanted to once again reiterate the Board’s support for these efforts and to take advantage of this opportunity now as this has become a topic of conversation within the university.

**President’s Comments**

One of Jim Collin’s most powerful metaphors in his book Good to Great is that of the flywheel. In metaphor of the flywheel, we know that no one single push gives it its
momentum. Rather, only a series of consistent accelerations in a single direction over time can progressively add more momentum.

As we reflect on the end of the calendar year, and look forward to the new year, it’s worth noting many of the recent accelerations to the flywheel that have added to Michigan Tech’s momentum. These accelerations were made through investments in the people and the facilities that are necessary to attract, retain and educate the students, faculty and staff who have become members of the Michigan Tech family – a very proud tradition of those who create the future.

In the past five years alone, philanthropic investments have enabled remarkable advancements at Michigan Tech. Consider:

- The J. Edgar McAllister Welcome Center
- The Frank Pavlis Honor’s College
- The John and Ruanne Opie Library
- The William G. Jackson Center for Teaching and Learning
- The Wahtera Center for Student Success
- The Michigan Tech Entrepreneur Center and Superior Innovations
- The Husky Plaza
- The Alliance of Computing, Information and Automation
- 159 new scholarship programs made available for students since 2011.
- The endowed Chairs and Professorships that have risen from 7 to 34 in the past 10 years.

It’s a partial list of recent changes at Michigan Tech, but the support for these represent over $50 million of investment on the part of our alumni and friends.

Investments obviously are made with the expectation of a return on investment. In Jim Collin’s sequel, Good to Great for the Social Sector, he suggests that at institutions like ours, Return on Investment be framed considering whether there is superior performance, distinctive impact, and lasting endurance.

So what does that look like at Michigan Tech?

Considering performance, we currently have the highest enrollment since 1983 with 7,238 students.

- This includes the most graduate students ever in attendance at 1,521.
- The most women students ever at 1,947 or just shy of 27%, and the most women enrolled in engineering at 1,070.
- Importantly, only two years (1984, 1985) saw more degrees granted than in this past year.
- Our Peace Corps Masters International Program is the largest at any university in the country.
From the standpoint of impact, the result of many of the programs mentioned above have
- Resulted in first to second year student retention at an all-time high of 87%.
- 1,300 recruiters from a record breaking 370 employers that attended our fall career fair.
- The placement rate for our students last year taken at 6 months after graduation was 94.6%.
- Research funding is close to the all-time high of $68 million and the ranking among other universities is at its highest point in 20 years.

This is a good, solid story. But as Collins’ states, “no matter how much you have achieved, you will always be good relative to what you can become.” That takes a sustained effort. In the spirit of giving the flywheel another shove, our Board recently approved a bond to invest over $24 million in core campus improvements.

Construction has begun on less than one-third of the projects, and already this investment is having an impact not only on the university, but the community as well.

Contracts totaling $6.3 million have so far been signed with 16 contractors locally, in the western UP, and in Wisconsin and Minnesota.

Projects include the renovation of Daniell Heights and the Memorial Union retail dining space, remodeling of East and West McNair bathrooms, construction of a small scale tank farm for the central heating plant to replace the one remaining large fuel tank that will be removed.

The bond issue also includes addressing University-wide safety issues, updating fire alarm systems and elevators and a creating a web-based campus-wide system of heating, ventilation and air conditioning controls to replace old individual building control systems.

The largest contract begins the Daniell Heights renovation. Totaling $4 million, it went to C.M. Morris Group of Houghton. Other local contractors include Bay Electric, Keweenaw Power & Lite, Gartners Gallery, Kirkish Furniture, Office Express, UP Engineers & Architects, OHM Advisors of Hancock, Keweenaw Automation and LJJ Construction.

We will be seeking bids this spring for more work to improve labs and storage facilities, and additional phases of some of the projects I already mentioned.

Taken together, this latest work has impact. It’s a big win for the university to make these improvements - to provide better facilities, safer facilities, and better service for faculty staff and students who depend on them. It’s a big win for us to benefit from the skilled trades workforce, and the engineering expertise of our local community.

But I wouldn’t be honest with all of you, if I didn’t point out that all of this progress, all of this momentum, is at risk if we don’t face head on, the issues of racism, sexism, and threats of violence that we experienced this past semester. These are not jokes. This has been hurtful, frustrating, sickening and emotionally draining for many of our students, but at the same time, has brought out the best in others to come together to listen, be respectful, be compassionate, be supportive and simply to watch out for one another. And for that I am
thankful, and I am optimistic about that. We have been meeting with students, faculty, staff, the Board, and some very soon to be alumni, to take this on together. This is important! It’s important for the future of this institution, it’s important for the community that supports it and benefits from it, and it’s important for the students who graduate and move into positions of responsibility in the world.

Working together on all that I’ve spoken about, we’ll be able to enhance all the ingredients of our institution that will ensure:

• superior performance,
• distinctive impact,
• and lasting endurance of a Michigan Tech education.

This can happen if we have to collective will to make it happen. We look forward to your support.

III. COMMITTEE REPORTS

Academic Affairs Committee Report

Mr. Terry Woychowski provided the Board with the following report.
Action Items

- Emeritus Rank
  - Dr. Juergen Bierbrauer, Mathematical Sciences
  - Dr. Daniel Crowl, Chemical Engineering
Seven Strategic Questions for AAC

1. Are the University’s educational programs consistent with its mission?
2. Are the University’s strategic plan and academic program congruent?
3. Does the University’s overall budget reflect and support the academic priorities?
4. Are faculty personnel policies aligned and supportive of the strategic plan and its goals?
5. Are enrollment policies consistent with and supportive of the academic strategic plan?
6. Is the University on track to achieve the “Quality of Teaching” and “Quality of Learning” goals and are the targets appropriate to support the achievement of the strategic plan?
7. How must information technology be applied to achieve the strategic plan?

Discussion Items

- Continued Discussion of AGB Strategic Question #4: Are the faculty personnel policies aligned and supportive of the strategic plan and its goals?
  - Revised Context Statement for Tenure Decisions
  - Revised Current State and Proposed Future State Process

- AGB Strategic Question #6: Is the university on track to achieve the “Quality of Teaching” and “Quality of Learning” goals, and are the targets appropriate to support the achievement of the strategic plan?
  - Michigan Tech Lode Article “Teaching Teachers: Improving Education from Within”
  - Graduate Certificate in STEM Education
    Michael Meyer, Director of the Jackson Center for Teaching and Learning
    Dr. Susie Amato-Henderson, Chair of the Department of Cognitive & Learning Sciences
  - RISE Institute
    Dr. Susie Amato-Henderson, Chair of the Department of Cognitive & Learning Sciences
Provost Report

Dr. Jackie Huntoon provided the Board with the following report.
Center to ADVANCE Women/Minorities at Tech

Vision
A vibrant research university empowering faculty to excel. Actively engage the community on gender/race dynamics, inspire female and underrepresented students to aim high, achieve, thrive, and lead.

Mission
Maximize success of the Michigan Tech community to achieve 50/50 male/female and >1/7 URM representation in Science, Technology, Engineering, and Math (STEM) with a climate free of bias that embraces the contributions and creativity of all.

New General Education Program

In April 2014, the University Senate approved a new General Education Program. The program went into effect this fall:

1. It is tightly linked to University Student Learning Goals.
2. Student work from every course (except Restricted STEM) is used for assessment of these goals.
3. Students must take "first-year" courses before advancing to upper-division coursework.
4. It is designed to work with the Michigan Transfer Agreement.
5. Faculty from any discipline can propose a course, if it meets one of the six university goals for General Education.

Guest Wireless!

Throughout campus –
...even at the Career Fair
William G. Jackson
Center for Teaching and Learning

- Helping instructors implement innovations in teaching practice and technology
- Space for faculty consultation
  - Canvas (Learning Management System)
  - Class response systems (iClicker, Nearpod)
  - Video creation (Panopto, Camtasia)
- 2 blended learning grant cycles ($50,000 each)
- Testing Center (Funded by Jackson Gift)
  - Computerized, accommodated, and mastery testing
- Equipment loan
  - iPads, “Swivi” robots, student whiteboards, laptops, etc.
- Instructor recognition and technique sharing
  - Workshops, C-4 competition, Dean’s Teaching Showcase, blog, etc.

Elizabeth and Richard Henes Center for
Quantum Phenomena – Department of Physics

Mission: To provide national leadership in investigation of processes linked to the interdisciplinary quantum world theme

- Infrared view
- Daylight view


Jack Borysow. Henes lecture 2010

YikYak

Share thoughts with people around you (anonymously).

Aleah Hordges, WJUCTV6
Research and Sponsored Programs Report

Dr. Dave Reed provided the Board with the following report.

Sponsored Program Summary
1st Quarter FY16
December 18, 2015

David Reed
Vice President for Research

Outline

- Sponsored Awards, 1st Quarter FY16
- Research Expenditures, 1st Quarter FY16
- Intellectual Property/Commercialization, 1st Quarter FY16
- Corporate Sponsorship, 1st Quarter FY16
- National Research Rankings, FY14

Sponsored Awards, 1st Quarter FY16
Sponsored Awards, 1st Quarter FY16

Research Expenditures, 1st Quarter FY16

<table>
<thead>
<tr>
<th>College/School/Division</th>
<th>FY2016</th>
<th>FY2015</th>
<th>Variance</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>2,005,840</td>
<td>2,015,090</td>
<td>-390</td>
<td>-1.9%</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>6,576,866</td>
<td>5,127,880</td>
<td>1,448,986</td>
<td>28.2%</td>
</tr>
<tr>
<td>College of Sciences &amp; Letters</td>
<td>2,762,231</td>
<td>2,612,890</td>
<td>149,341</td>
<td>5.7%</td>
</tr>
<tr>
<td>Palmer College</td>
<td>45,052</td>
<td>50,947</td>
<td>-5,895</td>
<td>-12.1%</td>
</tr>
<tr>
<td>Koester Research Center (KRC)</td>
<td>1,167,098</td>
<td>1,175,910</td>
<td>-8,812</td>
<td>-0.8%</td>
</tr>
<tr>
<td>Michigan Tech Research Institute (MTRI)</td>
<td>3,254,249</td>
<td>2,952,396</td>
<td>301,853</td>
<td>10.2%</td>
</tr>
<tr>
<td>School of Business &amp; Economics</td>
<td>175,217</td>
<td>185,548</td>
<td>-10,331</td>
<td>-5.5%</td>
</tr>
<tr>
<td>School of Forest Resources &amp; Environmental Sciences</td>
<td>158,205</td>
<td>139,201</td>
<td>19,004</td>
<td>14.5%</td>
</tr>
<tr>
<td>School of Biomedical Science</td>
<td>17,439</td>
<td>16,396</td>
<td>1,043</td>
<td>6.4%</td>
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<tr>
<td>Total</td>
<td>14,508,589</td>
<td>14,421,021</td>
<td>87,568</td>
<td>0.6%</td>
</tr>
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</table>

*Includes all sponsored research activity. Excludes grants and contracts managed by the Office of Research and Technology Transfer.\n\n*Data as of 12/18/15

Intellectual Property, 1st Quarter FY16

<table>
<thead>
<tr>
<th>Type</th>
<th>2016</th>
<th>2015</th>
<th>%/</th>
<th></th>
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<tbody>
<tr>
<td>Disclosures Received</td>
<td>4</td>
<td>8</td>
<td>-50 %</td>
<td></td>
</tr>
<tr>
<td>Non-disclosure Agreements</td>
<td>32</td>
<td>30</td>
<td>7 %</td>
<td></td>
</tr>
<tr>
<td>Patents Filed or Issued</td>
<td>2</td>
<td>2</td>
<td>0 %</td>
<td></td>
</tr>
<tr>
<td>License Agreements</td>
<td>4</td>
<td>2</td>
<td>100 %</td>
<td></td>
</tr>
<tr>
<td>Gross Royalties</td>
<td>95,481</td>
<td>88,874</td>
<td>7 %</td>
<td></td>
</tr>
</tbody>
</table>
Corporate Sponsorship, 1st Quarter FY16

National R&D Expenditures

- Source: National Science Foundation

Research Expenditures, FY15
National Research Rankings FY14

• Our total research expenditures declined from $70.7 MM in FY13 to $68.5 MM in FY14, but our ranking improved from 168th to 163rd among all institutions, and from 120th to 117th among public institutions.

• NSF reports research expenditures by discipline, so MTRI, KRC, and GLRC are combined with appropriate academic units for reporting purposes.

National Research Rankings FY14

• Our highest ranked discipline is Mechanical Engineering, which improved to 19th

• Our second highest ranked discipline is Atmospheric Science at 34th

• FY14 is the first year we reported Atmospheric Science and Oceanography, which negatively impacted, especially, Civil Engineering and Physics

National Research Rankings FY14

• Other Top 100 Disciplines:
  – Environmental Science [52nd]
  – Oceanography [56th]
  – Metallurgy and Materials [58th]
  – Electrical Engineering [62nd]
  – Business and Management [76th]
  – Engineering [84th]
  – Visual and Performing Arts [85th]
  – Mathematical Sciences [88th]
  – Civil Engineering [89th]
  – Chemical Engineering [90th]
  – Bioengineering/Biomedical [94th]
  – Humanities [94th]
B. Audit and Finance Committee Report

Mr. Baldini reported that the Audit and Finance Committee has met twice since the last Board meeting.

The Committee reviewed the Financial Position and Outlook for 2016 which includes the first quarter financial results and projections for the general fund and current fund, and the cash position for the University. At this time the results are positive for both the general fund and the current fund.

Julie Seppala, the Treasurer to the Board of Trustees, will present a high level review of the first quarter financial results.

The Committee discussed the Fiscal Year 2017 preliminary budget planning parameters which included the Enrollment Projections and tuition structure as well as the following action items:

- FY17 Room and Board and Apartment Rental Rates
- A revision to Board of Trustees Policy 11.13 Signing Contracts and Other Legal Documents, specifically the section on disposition of real property to be in line with acquisition of real property.
- A grant application for the Michigan Department of Environmental Quality, which is a requirement specific to State agencies.

Other items reviewed by the Audit & Finance Committee:

- Internal Audit Open Audit Observations
- Debt Policy Ratios
- University Investment Plan
- Capital Projects Update
- Quarterly Report on Continuous Improvement Using Lean Principles
Treasurer’s Report

Ms. Julie Seppala provided the Board with the following report.
Balance Sheet
Condensed Statement of Net Position
as of September 30, 2015
(in thousands)

<table>
<thead>
<tr>
<th>Assets</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Assets</td>
<td>$ 68,893</td>
<td>$ 9,395</td>
<td>$ 78,288</td>
</tr>
<tr>
<td>Noncurrent Assets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital assets, net</td>
<td>235,184</td>
<td>-</td>
<td>235,184</td>
</tr>
<tr>
<td>Other Noncurrent Assets</td>
<td>62,484</td>
<td>116,306</td>
<td>188,790</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>$366,561</strong></td>
<td><strong>$127,701</strong></td>
<td><strong>$494,262</strong></td>
</tr>
</tbody>
</table>

Deferred Outflows of Resources

<table>
<thead>
<tr>
<th>Deferred Outflows of Resources</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Pension Amounts</td>
<td>$ 3,794</td>
<td>-</td>
<td>$ 3,794</td>
</tr>
<tr>
<td><strong>Total Deferred Outflows of Resources</strong></td>
<td><strong>$3,794</strong></td>
<td><strong>$3,794</strong></td>
<td><strong>$3,794</strong></td>
</tr>
</tbody>
</table>

Liabilities

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Liabilities</td>
<td>$ 23,888</td>
<td>$ 1,044</td>
<td>$ 24,932</td>
</tr>
<tr>
<td>Noncurrent Liabilities</td>
<td>148,543</td>
<td>1,901</td>
<td>150,444</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>$172,431</strong></td>
<td><strong>$1,945</strong></td>
<td><strong>$174,376</strong></td>
</tr>
</tbody>
</table>

Deferred Inflows of Resources

<table>
<thead>
<tr>
<th>Deferred Inflows of Resources</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pension Reserves Amortized</td>
<td>$ 3,480</td>
<td>-</td>
<td>$ 3,480</td>
</tr>
<tr>
<td><strong>Total Deferred Inflows of Resources</strong></td>
<td><strong>$3,480</strong></td>
<td><strong>$3,480</strong></td>
<td><strong>$3,480</strong></td>
</tr>
</tbody>
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Net Position

<table>
<thead>
<tr>
<th>Net Position</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments in capital assets, net of related debt</td>
<td>$ 158,223</td>
<td>-</td>
<td>$ 158,223</td>
</tr>
<tr>
<td>Other investments, restricted and unrestricted</td>
<td>21,452</td>
<td>121,835</td>
<td>143,287</td>
</tr>
<tr>
<td><strong>Total Net Position</strong></td>
<td><strong>$179,675</strong></td>
<td><strong>$121,835</strong></td>
<td><strong>$301,510</strong></td>
</tr>
</tbody>
</table>

Income Statement
Condensed Statement of Revenues, Expenses and Changes in Net Assets
As of September 30, 2015
(in thousands)

Operating Revenues

<table>
<thead>
<tr>
<th>Operating Revenues</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Tuition and Fees</td>
<td>$ 62,609</td>
<td>-</td>
<td>$ 62,609</td>
</tr>
<tr>
<td>Grains and contracts</td>
<td>5,732</td>
<td>-</td>
<td>5,732</td>
</tr>
<tr>
<td>Educational Activities</td>
<td>1,084</td>
<td>-</td>
<td>1,084</td>
</tr>
<tr>
<td>Department Activities</td>
<td>2,267</td>
<td>-</td>
<td>2,267</td>
</tr>
<tr>
<td>Student Residence Fees</td>
<td>12,974</td>
<td>-</td>
<td>12,974</td>
</tr>
<tr>
<td><strong>Total Operating Revenues</strong></td>
<td><strong>$93,282</strong></td>
<td><strong>0</strong></td>
<td><strong>$93,282</strong></td>
</tr>
</tbody>
</table>

Operating Expenses

<table>
<thead>
<tr>
<th>Operating Expenses</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries &amp; Wages</td>
<td>$ 37,704</td>
<td>-</td>
<td>$ 37,704</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>6,150</td>
<td>-</td>
<td>6,150</td>
</tr>
<tr>
<td>Student Financial Support</td>
<td>24,458</td>
<td>-</td>
<td>24,458</td>
</tr>
<tr>
<td>Supplies, Services &amp; other</td>
<td>17,032</td>
<td>-</td>
<td>17,032</td>
</tr>
<tr>
<td><strong>Total Operating Expenses</strong></td>
<td><strong>$85,364</strong></td>
<td><strong>0</strong></td>
<td><strong>$85,364</strong></td>
</tr>
</tbody>
</table>

Net Increase (decrease) in Net Position

<table>
<thead>
<tr>
<th>Net Increase (decrease) in Net Position</th>
<th>University</th>
<th>Net Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 11,917</td>
<td>-</td>
<td>$ 11,917</td>
</tr>
</tbody>
</table>

FY2016 CURRENT FUND
(In thousands)

<table>
<thead>
<tr>
<th>Original</th>
<th>Net Ctrl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projection</td>
<td>Projection</td>
</tr>
<tr>
<td>Revenue</td>
<td>$ 280,519</td>
</tr>
<tr>
<td>Expense</td>
<td>$(280,105)</td>
</tr>
<tr>
<td>Net Income</td>
<td>$ 414</td>
</tr>
</tbody>
</table>

Note: Current Fund includes General, Designated, Auxiliary, Retirement and Insurance, and Expendable Restricted Funds.
Mr. Baldini noted that we have a refund from the State of Michigan. This is not because of their generosity, but because of the leadership and work that Michigan Tech put into the MPSERS issue. Through President Mroz’s tireless efforts, and through the leadership of Dale Tahtinen and Ellen Horsch working with the State and the other universities that led to the State acknowledging that there was an error in the way that the MPSERS funding was being computed was not appropriate. Due to their due diligence, the State acknowledged that the universities had overpaid and the refund that we will be receiving was a result of Michigan Tech’s leadership.

**Student Affairs and Advancement Report**

Dr. Les Cook provided the Board with the following report.
### Enrollment Counts for Michigan Public 15

<table>
<thead>
<tr>
<th>Institution</th>
<th>Undergraduate 2015</th>
<th>Undergraduate 2014</th>
<th>%±%</th>
<th>Graduate 2015</th>
<th>Graduate 2014</th>
<th>%±%</th>
<th>Total Enrollment 2015</th>
<th>Total Enrollment 2014</th>
<th>%±%</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTU</td>
<td>5,717</td>
<td>5,658</td>
<td>1.0%</td>
<td>1,521</td>
<td>1,442</td>
<td>5.5%</td>
<td>7,238</td>
<td>7,100</td>
<td>1.9%</td>
</tr>
<tr>
<td>UMD</td>
<td>7,379</td>
<td>7,374</td>
<td>0.1%</td>
<td>1,929</td>
<td>1,819</td>
<td>6.0%</td>
<td>9,308</td>
<td>9,193</td>
<td>1.3%</td>
</tr>
<tr>
<td>MSU</td>
<td>39,143</td>
<td>38,796</td>
<td>0.9%</td>
<td>11,400</td>
<td>11,239</td>
<td>1.3%</td>
<td>50,543</td>
<td>50,055</td>
<td>1.0%</td>
</tr>
<tr>
<td>OÜ</td>
<td>17,161</td>
<td>16,935</td>
<td>1.3%</td>
<td>3,550</td>
<td>3,584</td>
<td>-0.9%</td>
<td>20,711</td>
<td>20,519</td>
<td>0.9%</td>
</tr>
<tr>
<td>SVSU</td>
<td>21,972</td>
<td>21,636</td>
<td>1.6%</td>
<td>3,393</td>
<td>3,458</td>
<td>-3.0%</td>
<td>25,323</td>
<td>25,094</td>
<td>0.9%</td>
</tr>
<tr>
<td>ISU</td>
<td>13,323</td>
<td>13,357</td>
<td>-0.3%</td>
<td>1,392</td>
<td>1,243</td>
<td>12.0%</td>
<td>14,715</td>
<td>14,600</td>
<td>0.8%</td>
</tr>
<tr>
<td>UMAA</td>
<td>28,312</td>
<td>28,395</td>
<td>-0.3%</td>
<td>15,339</td>
<td>15,230</td>
<td>0.7%</td>
<td>43,651</td>
<td>43,625</td>
<td>0.1%</td>
</tr>
<tr>
<td>SVSU</td>
<td>8,434</td>
<td>8,453</td>
<td>-0.2%</td>
<td>806</td>
<td>864</td>
<td>-6.7%</td>
<td>9,240</td>
<td>9,329</td>
<td>-0.9%</td>
</tr>
<tr>
<td>UMU</td>
<td>6,868</td>
<td>7,078</td>
<td>-3.0%</td>
<td>1,602</td>
<td>1,496</td>
<td>7.1%</td>
<td>8,470</td>
<td>8,574</td>
<td>-1.2%</td>
</tr>
<tr>
<td>WSU</td>
<td>17,669</td>
<td>18,374</td>
<td>-3.8%</td>
<td>9,553</td>
<td>9,204</td>
<td>3.8%</td>
<td>27,222</td>
<td>27,578</td>
<td>-1.3%</td>
</tr>
<tr>
<td>WMU</td>
<td>18,567</td>
<td>18,889</td>
<td>-1.7%</td>
<td>4,989</td>
<td>5,025</td>
<td>-0.7%</td>
<td>23,556</td>
<td>23,914</td>
<td>-1.5%</td>
</tr>
<tr>
<td>NMU</td>
<td>7,428</td>
<td>7,841</td>
<td>-5.3%</td>
<td>741</td>
<td>751</td>
<td>-1.3%</td>
<td>8,169</td>
<td>8,592</td>
<td>-4.9%</td>
</tr>
<tr>
<td>CMU</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMU</td>
<td>19,141</td>
<td></td>
<td></td>
<td>4,241</td>
<td></td>
<td></td>
<td>23,382</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISSU</td>
<td>2,261</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,631</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fall 2016 Undergraduate Applications

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2016</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total applications</td>
<td>4,776</td>
<td>4,909</td>
<td>+133/3%</td>
</tr>
<tr>
<td>Accepts</td>
<td>3,226</td>
<td>3,567</td>
<td>+341/11%</td>
</tr>
<tr>
<td>Deposits</td>
<td>600</td>
<td>563</td>
<td>+37/7%</td>
</tr>
</tbody>
</table>

**2004-2016 Total Applications**
C. Leadership Committee

Mr. Woychowski reported that the Leadership Committee met by phone on November 18 to discuss presidential performance review and compensation, and the results of that discussion will be shared with President Mroz in closed session.

IV. CONSENT AGENDA

It was moved by W. Johnson, supported by T. Woychowski, 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 W. Johnson, supported by T. Woychowski, and passed by voice vote without dissent, that the minutes of the formal session of October 16, 2015, as distributed to the Board, be approved.

IV-B. Gifts

It was moved by W. Johnson, supported by T. Woychowski, and passed by voice vote without dissent, that the Board of Trustees acknowledges the gifts to Michigan Technological University.
Michigan Technological University  
Michigan Tech Fund  
Gift Activity Cash Report  
July 1, 2015 through November 30, 2015  
Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY16 YTD Total</th>
<th>FY15 YTD Total</th>
<th>$ Change from Previous Fiscal Year</th>
<th>% Change from Previous Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash (current year)</td>
<td>6,286,172</td>
<td>6,286,000</td>
<td>1,072</td>
<td>0.0%</td>
</tr>
<tr>
<td>Realized Planned Gifts (current year)</td>
<td>3,183,461</td>
<td>3,074,600</td>
<td>108,861</td>
<td>3.5%</td>
</tr>
<tr>
<td>Current Year Subtotal</td>
<td>9,469,633</td>
<td>9,360,600</td>
<td>109,033</td>
<td>1.2%</td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>2,474,922</td>
<td>431,887</td>
<td>2,043,035</td>
<td>477.0%</td>
</tr>
<tr>
<td>Realized Planned Gifts (previously recorded)</td>
<td>85,001</td>
<td>2,577,749</td>
<td>-2,492,749</td>
<td>-96.7%</td>
</tr>
<tr>
<td>Receipts from Previous Year Subtotal</td>
<td>2,559,923</td>
<td>3,009,636</td>
<td>-449,713</td>
<td>-14.9%</td>
</tr>
<tr>
<td>Total</td>
<td>8,036,172</td>
<td>6,286,000</td>
<td>1,750,172</td>
<td>27.5%</td>
</tr>
</tbody>
</table>

Michigan Technological University  
Michigan Tech Fund  
Fundraising Productivity Report  
July 1, 2015 through November 30, 2015  
Compared to Prior Year

<table>
<thead>
<tr>
<th>Source</th>
<th>FY16 YTD Total</th>
<th>FY15 YTD Total</th>
<th>FY15 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals - Major Gifts (25K and up)</td>
<td>6,284,776</td>
<td>1,681,283</td>
<td>5,407,666</td>
</tr>
<tr>
<td>Realized Planned Gifts (Unanticipated - 25K and up)</td>
<td>17,915</td>
<td>76,586</td>
<td>130,506</td>
</tr>
<tr>
<td>Individuals - non-Major Gifts</td>
<td>743,448</td>
<td>550,724</td>
<td>1,674,774</td>
</tr>
<tr>
<td>Full Value New Planned Gift Commitments</td>
<td>10,174,756</td>
<td>5,869,087</td>
<td>8,880,075</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>514,242</td>
<td>410,032</td>
<td>1,491,595</td>
</tr>
<tr>
<td>Corporate Sponsored Research</td>
<td>3,897,474</td>
<td>4,650,963</td>
<td>11,332,425</td>
</tr>
<tr>
<td>Corporations</td>
<td>652,938</td>
<td>749,752</td>
<td>1,400,702</td>
</tr>
<tr>
<td>Foundations &amp; Other Organizations</td>
<td>135,077</td>
<td>74,983</td>
<td>5,284,794</td>
</tr>
<tr>
<td>Gifts-in-Kind</td>
<td>511,556</td>
<td>179,565</td>
<td>207,056</td>
</tr>
<tr>
<td>Grand Total</td>
<td>21,932,174</td>
<td>14,246,976</td>
<td>35,872,056</td>
</tr>
</tbody>
</table>

---

*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*
IV-C. Resignations, Retirements & Off Payroll

It was moved by W. Johnson, supported by T. Woychowski, and passed by voice vote without dissent, that the Board of Trustees accepts the resignations and confirms the off payroll determinations.

BOARDS OF TRUSTEES OFF-PAYROLL REPORT
(September 28, 2015 – November 21, 2015)

<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>Groth, Emil</td>
<td>Non-Exempt</td>
<td>College of Engineering</td>
<td>Research Assistant</td>
<td>12/04/95</td>
<td>11/01/15</td>
</tr>
<tr>
<td>West, Ann H</td>
<td>Exempt</td>
<td>Computer Science</td>
<td>Director, InCommon</td>
<td>11/18/01</td>
<td>10/07/15</td>
</tr>
</tbody>
</table>

<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>Ahonen, Deborah E.</td>
<td>Non-Exempt</td>
<td>Facilities Management</td>
<td>Custodian</td>
<td>10/13/97</td>
<td>10/23/15</td>
</tr>
<tr>
<td>Dowd, Ronda L.</td>
<td>Non-Exempt</td>
<td>Memorial Union</td>
<td>Food Service Helper</td>
<td>10/13/08</td>
<td>11/07/15</td>
</tr>
<tr>
<td>Frea, Lora Y.</td>
<td>Non-Exempt</td>
<td>Facilities Management</td>
<td>Custodian</td>
<td>10/12/15</td>
<td>10/30/15</td>
</tr>
<tr>
<td>Perelman, Miron V.</td>
<td>Exempt</td>
<td>Mechanical Engineering Mechanics</td>
<td>Research Engineer</td>
<td>03/15/13</td>
<td>08/15/15</td>
</tr>
<tr>
<td>Kern, Shaughn D.</td>
<td>Exempt</td>
<td>Civil &amp; Environmental Engineering</td>
<td>Technical Writer</td>
<td>01/02/12</td>
<td>10/31/15</td>
</tr>
<tr>
<td>Strack, Erin D.</td>
<td>Exempt</td>
<td>Sponsored Programs Office</td>
<td>Assistant Grant Accountant</td>
<td>06/24/13</td>
<td>11/13/15</td>
</tr>
<tr>
<td>Pakkala, James W.</td>
<td>Exempt</td>
<td>Keweenaw Research Center</td>
<td>Research Engineer Scientist</td>
<td>04/18/97</td>
<td>11/16/15</td>
</tr>
<tr>
<td>Wright, Thomas M.</td>
<td>Non-Exempt</td>
<td>Public Safety &amp; Police Services</td>
<td>Operator Dispatcher</td>
<td>04/16/12</td>
<td>09/27/15</td>
</tr>
</tbody>
</table>
V. ACTION/DISCUSSION ITEMS

V-A. Emeritus Rank

It was moved by W. Johnson, supported by T. Woychowski, and passed by voice vote without dissent that the Board of Trustees approves the following emeritus appointments:

1.) Dr. Juergen Bierbrauer, Professor Emeritus, Department of Mathematical Sciences
2.) Dr. Daniel A. Crowl, Professor Emeritus, Department of Chemical Engineering

V-B. 2016-2017 Room and Board and Apartment Rental Rates

It was moved by B. Jacquart, supported by B. Ryan, and passed by voice vote without dissent, that the Board of Trustees approves the recommended residence hall housing and meal, as well as apartment rental rates for 2016-2017.
### Douglass Houghton Hall, McNair Hall, Wadsworth Hall

**Occupancy Dates:** August 20, 2016 - December 17, 2016 and January 7, 2017 - April 29, 2017

<table>
<thead>
<tr>
<th>Residence Hall Room &amp; Meal Rate</th>
<th>2015-2016 Room &amp; Gold Meal Plan</th>
<th>Proposed Increase</th>
<th>2016-2017 Room &amp; Gold Meal Plan Percent</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Regular Occupancy</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Douglass Houghton Hall</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Occupancy (Double and Quad)</td>
<td>$9,827</td>
<td>$248</td>
<td>$10,075</td>
<td>2.52%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>$11,470</td>
<td>$248</td>
<td>$11,718</td>
<td>2.16%</td>
</tr>
<tr>
<td><strong>Wadsworth Hall and McNair Hall</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Standard Occupancy (Double)</td>
<td>$10,013</td>
<td>$248</td>
<td>$10,261</td>
<td>2.48%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>$11,470</td>
<td>$248</td>
<td>$11,718</td>
<td>2.16%</td>
</tr>
<tr>
<td>Triple/Quad Occupancy</td>
<td>$9,827</td>
<td>$248</td>
<td>$10,075</td>
<td>2.52%</td>
</tr>
<tr>
<td>Temporary/Converted Occupancy</td>
<td>$8,432</td>
<td>$124</td>
<td>$8,556</td>
<td>1.47%</td>
</tr>
<tr>
<td><strong>Wadsworth Hall w/ private bath</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Occupancy</td>
<td>$10,757</td>
<td>$248</td>
<td>$11,005</td>
<td>2.31%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>$12,555</td>
<td>$248</td>
<td>$12,803</td>
<td>1.98%</td>
</tr>
<tr>
<td><strong>Reduced Occupancy</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quad to 2</td>
<td>$10,323</td>
<td>$248</td>
<td>$10,571</td>
<td>2.40%</td>
</tr>
<tr>
<td>Quad to 3/Triple to 2</td>
<td>$9,951</td>
<td>$248</td>
<td>$10,199</td>
<td>2.49%</td>
</tr>
<tr>
<td>Triple to 1</td>
<td>$11,470</td>
<td>$248</td>
<td>$11,718</td>
<td>2.16%</td>
</tr>
<tr>
<td>Wads Quad to 2</td>
<td>$10,416</td>
<td>$248</td>
<td>$10,664</td>
<td>2.36%</td>
</tr>
<tr>
<td>Wads Quad to 3</td>
<td>$10,230</td>
<td>$248</td>
<td>$10,478</td>
<td>2.42%</td>
</tr>
<tr>
<td>Triple Suite to 2</td>
<td>$11,160</td>
<td>$248</td>
<td>$11,408</td>
<td>2.22%</td>
</tr>
<tr>
<td>DHQ Quad Suite to 3</td>
<td>$11,160</td>
<td>$248</td>
<td>$11,408</td>
<td>2.22%</td>
</tr>
</tbody>
</table>

*Meal Plans are Unlimited Access with Dining Dollars*  
*Platinum Meal Plan ($300 Dining Dollars per semester) option, rates as recommended above, plus $155.00*  
*Gold Meal Plan ($150 Dining Dollars per semester) costs are shown above in Room and Board Rates*  
*Silver Meal Plan ($100 Dining Dollars) option, rates as recommended above, less $93.00*  
*Rate reported to US Deptment of Education Integrated Post-secondary Education Data System*

### Hillside Place Residence Hall

**Occupancy Dates:** August 20, 2016 - December 17, 2016 and January 7, 2017 - April 29, 2017

<table>
<thead>
<tr>
<th>Single Bedroom and Meal Rate</th>
<th>2015-2016 Room &amp; 50 Block</th>
<th>Proposed Increase</th>
<th>2016-2017 Room &amp; 50 Block</th>
<th>Percent</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Bedroom in Shared Apartment</td>
<td>$6,310</td>
<td>$248</td>
<td>$6,558</td>
<td>2.66%</td>
<td>2.48%</td>
</tr>
<tr>
<td>Single Bedroom Apartment</td>
<td>$9,980</td>
<td>$248</td>
<td>$10,228</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

50 Meal Block per semester - meals expire at the end of each semester  
75 Meal Block per semester - meals expire at the end of each semester, rate as recommended above, plus $324  
150 Meal Block per semester - meals expire at the end of each semester, rate as recommended above, plus $1300  
Traditional residence hall meal plan is also available  
Block meal plans are only available for the Hillside Place

### Daniell Heights Apartments

**Lease Agreement Dates:** July 1, 2016 to June 30, 2017 or August 15, 2016 to June 30, 2017

<table>
<thead>
<tr>
<th>Monthly Rental Rate</th>
<th>2015-2016</th>
<th>$ Increase Proposed</th>
<th>2016-2017</th>
<th>% Increase Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Rates PRE-renovation (rates are per apartment)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td>$655</td>
<td>$5</td>
<td>$660</td>
<td>0.76%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>$731</td>
<td>$14</td>
<td>$745</td>
<td>1.92%</td>
</tr>
<tr>
<td>Three Bedroom</td>
<td>$839</td>
<td>$18</td>
<td>$855</td>
<td>1.76%</td>
</tr>
<tr>
<td>Student Rates POST-renovation (rates are per apartment)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td>$0</td>
<td>$0</td>
<td>$700</td>
<td>0.00%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>$0</td>
<td>$0</td>
<td>$950</td>
<td>0.00%</td>
</tr>
<tr>
<td>Three Bedroom</td>
<td>$0</td>
<td>$0</td>
<td>$1,200</td>
<td>0.00%</td>
</tr>
<tr>
<td>Staff and Faculty Rates (rates are per apartment)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td>$830</td>
<td>$20</td>
<td>$850</td>
<td>2.41%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>$912</td>
<td>$88</td>
<td>$1,000</td>
<td>9.65%</td>
</tr>
<tr>
<td>Three Bedroom</td>
<td>$1,120</td>
<td>$180</td>
<td>$1,300</td>
<td>16.07%</td>
</tr>
</tbody>
</table>
V-C-a. 11.13. Signing Contracts and Other Legal Documents

Board of Trustees Policy 11.9 Capital Additions authorizes the President to acquire property with a value up to $3,000,000 without Board approval. In addition to acquiring property within this threshold, the Administration is recommending that this policy be revised to allow the President to sell and execute deeds of conveyance of real property, including easements, having a fair market value of $3,000,000 or less.

It was moved by T. Baldini, supported by R. Jacquart, and passed by voice vote without dissent, that the Board of Trustees amends policy 11.13. Signing Contracts and Other Legal Documents as presented herein.

The amended policy shall read as follows:

11.13 Signing Contracts and Other Legal Documents

The President of the University, pursuant to his general authority and responsibility for the operation of the University and in accord with the General Policies laid down by the Board may execute any documents unless they go beyond or deviate from the Board's established objectives. The Chair, the Vice Chair, the Secretary, and the Treasurer of the Board are authorized to sign and execute documents within their general powers as officers, or in certain cases, under specific authority.

The following types of specific agreements may be executed only by the officers or persons noted unless otherwise designated by the President or requiring Board of Trustees approval.

1. Employee Patent Agreement, Employee Patent, Research and Proprietary Rights Agreement, Adjunct Professor Patent, and Proprietary Rights Agreement, Graduate Student Patent, Research and Proprietary Rights Agreement:
   President, Provost and Vice President for Academic Affairs, Vice President for Research, or Treasurer, provided that the President or Treasurer may delegate the authority in writing to any member of the staff.

2. Licenses for patents or technology owned by the University, including licenses and options for licenses contained in research and other agreements:
   President, Provost and Vice President for Academic Affairs, Treasurer, or Vice President for Research.

3. Technology transfer agreements:
   President, Provost and Vice President for Academic Affairs, Treasurer, or Vice President for Research.

4. Non-disclosure Agreements, including for purposes of the Freedom of Information Act; confidential Research and Investment Information Act; Uniform Trade Secrets Acts and any other State of Federal Law or Regulation relating to disclosure or non-disclosure:
President, Provost and Vice President for Academic Affairs, Treasurer, Vice President for Research, or Director of Innovation and Industry Engagement.

5. Software and trademark licenses from or to another party:

President, Provost and Vice President for Academic Affairs, Vice President for Research, Chief Information Officer, Director of Innovation and Industry Engagement, Treasurer, or those staff members designated in writing by the Treasurer.

6. Easements received from another party:

President, Secretary, or Treasurer.

7. Rentals and leases, to and from other parties:

President, Vice President for Administration, Vice President for Research, Secretary, or Treasurer, provided that the Treasurer may delegate in writing, to any staff member the authority to execute agreements for room and board and apartment rentals.

8. Research, training, educational, and other sponsored activities proposed, gift requests, agreements and grant applications requiring assurance of compliance with federal and/or state law, including subcontracts/agreements and service agreements related to these agreements:

President, Vice President for Research, Provost and Vice President for Academic Affairs, Secretary, Treasurer, provided that the Vice President for Research may delegate in writing, to any staff member, the authority to execute such documents.

9. Labor agreements with Local 1166, AFSCME and Local 5000, UAW:

President, Vice President for Administration, or Director of Human Resources.

10. Educational and International agreements:

President, Provost and Vice President for Academic Affairs, Secretary, or Treasurer.

11. Agreements for payment of tuition, fees, room or board by domestic and foreign organizations:

President, Provost and Vice President for Academic Affairs, Secretary, or Treasurer.

12. Purchase order for services, including personal services for University enrichment, supplies, or equipment:

President, Provost and Vice President for Academic Affairs, Treasurer, or Manager of Purchasing, or those staff members designated in writing by the Manager of Purchasing with the approval of the Treasurer. Purchase requisitions must be signed or countersigned by the Treasurer and/or President when required by the Board policy relating to capital additions.
13. Dispositions of real property:
   The President may sell and execute deeds of conveyance of real property, including easements, having a fair market value of $3,000,000 or less.

   The President, Vice President for Administration, Secretary, or Treasurer may sell and execute deeds of conveyance of real property, including easements, having a fair market value of in excess of $3,000,000 only upon formal approval of the Board of Trustees.

14. Capital outlay projects funded by special state appropriations:
   President, Vice President for Administration, Treasurer, or any staff member designated in writing by the Treasurer.

15. Casualty and property insurance:
   President, Secretary, or Treasurer provided that the President or Treasurer may delegate this authority in writing, to any staff member.

16. Employee benefits:
   President, Vice President for Administration, or Treasurer provided that the President, Vice President for Administration, or Treasurer, may delegate this authority in writing, to any staff member.

17. Agreements with domestic governmental and foreign governmental organizations except those specifically mentioned earlier:
   President, Provost and Vice President for Academic Affairs, Secretary, or Treasurer.

18. Athletic agreements or contracts and contracts for game officials:
   President, Vice President for Student Affairs, Athletic Director, or Department Chair of Kinesiology and Integrative Physiology.

19. Programmer and/or Analyst Proprietary Rights Agreement:
   President, Provost and Vice President for Academic Affairs, Vice President for Research, Vice President for Administration, or Treasurer, provided that the President, Vice President for Research, or Treasurer, may delegate this authority in writing, to any staff member.

20. United States Department of Treasury, Bureau of Alcohol Tobacco and Firearms annual report:
   President, Provost and Vice President for Academic Affairs, Secretary, or Treasurer.
This policy supersedes Board of Trustees policy 11.13 Signing Contracts and Other Legal Documents dated February 23, 2012.

**V-C-b. 12.1. Naming of Campus Facilities**

As the President is authorized to buy and sell property valued at $3,000,000 or less, the Administration is recommending that this policy be revised to allow the President the authority to name facilities on the basis of function or location for any facility valued at less than $3,000,000.

It was moved by R. Jacquart, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Trustees amends policy 12.1. Naming of Campus Facilities as presented herein.

The amended policy shall read as follows:

12.1 Naming of Campus Facilities

Any facility valued at less than $3,000,000 may be named on the basis of function or location at the President’s discretion.

All other facilities will be formally named by the Board of Trustees.

1. Facilities may be named in honor of persons who have achieved prominence in their fields of endeavor and who have been publicly known nationally for their accomplishments in their fields and service to the University. Where possible, functional names should be continued as a secondary identifier.

2. Facilities may be named for donors of private funds for the support of a University program where the gift pays for approximately 50% of the cost of the facility. If the gift is $5,000,000 or more, it may provide less than the 50%.

3. The renaming of facilities is at the discretion of the Board.

**V-D. Grant Application for the Michigan Department of Environmental Quality**

The School of Forest Resources and Environmental Science has prepared a proposal for submission to the Michigan Department of Environmental Quality. The funds requested in the proposal would be used to develop targeted non-chemical control strategies for an emerging invasive species in the Keweenaw. Giant and Japanese knotweed are listed as species of special interest for the Western Upper Peninsula. The objectives of the project are to map occurrences of Giant and Japanese knotweed in northern Houghton and Keweenaw counties; test and monitor mechanical control measures for Giant knotweed within a primary infestation area along a tributary to Portage Lake, and to compare mechanical control treatments to chemical control mechanisms that were implemented at Michigan Tech’s Ford Center, and in Ontonagon.
The amount of the grant request is $55,125.

The Michigan Department of Environmental Quality requires that proposals submitted to them for funding be authorized by the Board of Trustees.

It was moved by R. Jacquart, supported by T. Baldini, and passed by voice vote without dissent, that the Board of Trustees endorses the proposal from the School of Forest Resources and Environmental Science for submission to the Michigan Department of Environmental Quality.

VI. REPORTS

A. University Senate Report
Issues on our Plate

- Tuition waiver benefits
- Fringe benefits issues
- Academic calendar
- Accreditation
- President and Exec Team Evaluation
- Senate evaluation
- Salary study and retirement benefits study
- Dean and Chair evaluation procedure
- University Presidential search

Tuition Waiver Benefits

Change from two classes per semester to up to two courses or six credit hours per semester, whichever is greater.

This proposal was unanimously approved by the Senate and has also been approved by the administration.

Fringe Benefits Issues

(help in recruiting and retention)
*Proposal 3-16 Automatic Enrollment in Michigan Tech’s Defined Contribution Plan

*Improving Healthcare Benefits for Michigan Tech’s Least-Well-Paid Employees

Benefits have stayed the same this year. Thanks for not cutting them, but we are still hopeful for the future 😊
Fringe Benefits Potential Savings
Medicare-eligible employees and retirees will be encouraged to consult with trusted healthcare insurance professionals and/or certified financial planners to see if it might be in their best financial interest to withdraw from Michigan Tech’s BCBSM healthcare-insurance plans and, instead, register for Medicare Parts A, B, and D and a Medicare supplement (“Medigap”) plan, such as a Plan G.

Academic Calendar
Passed with no major assignments or exams due on Career Fair Day.

University Accreditation and Assessment
* How can we assess ourselves and get accreditation in the most efficient way?
* Currently many volunteer hours are used and its hard to get the buy-in from the faculty.
* People getting used to it, but still have concerns.
* Assessment Council has been invited again to a Senate meeting.
President and Exec Team Evaluation

Evaluation from last year has been presented and President Mroz has been invited to talk about it.

Senate Evaluation

The Senate will send out evaluation survey on itself later this year.

External Concerns
1. Massive Open Online Courses (MOOC)
2. State funding in light of federal budget deficits
3. Some states mandating lowering cost to students
4. Some states considering offering free community college tuition
5. Federal effort to reduce student debt
6. Community Colleges offering BS degrees
7. Reduced number of MI high school students
8. Aging buildings with little help from the State
9. University rankings based on loan repayment or graduation rates.
10. School shootings – gun policies.
11. Race relations.
Michigan Tech
University Senate

*How can we get our salaries at least up to the national average?*

*We want to be one of the top universities in the nation, but this hurts us in retention.*

*Study done by Senate and is available.*

*Senate Finance Committee met with VP Reed*

*Next Step??*

Michigan Tech
University Senate

Dean and Chair Evaluation Procedure

Issues of when to evaluate and the level of confidentiality.

Michigan Tech
University Senate

University Presidential Search

Board and Senate to meet to discuss a smooth transition.

Thanks for inviting us!!!

We don’t want to end up in the news in a negative fashion.
B. Undergraduate Student Government Report

Blended Governance?
What can be done to break down any division among the Teammates and Administration?
Ideas from your own companies or experiences???

Board of Trustees Update
Dec 18th 2015

Nate Peterson – President

Focus Areas

Internal Efficiency

External Transparency

Building Connections with the Campus Community
Internal Focus

Office Organization

Brainstorming

Goal Setting → Open Calendar

External Transparency

Open Forums
University Finances
Student Concerns

Budget Clarifications

Social Media Use

Building Connections
Career Fair – Exam Policy

- Worked with Senate/GSG on changes
- Senate successfully passed resolution enacting no exams/large projects on Career Fair days
- Great first steps
Building Connections

Thanksgiving Break Bus

- It was an extreme success again this year
- Sold out in under a day
- Continuing on with Winter Break Bus

Building Connections

Campus Outreach

- Rubik's Cube and Mini Golf
- Looking for student opinions and concerns
- It was a success!
- Continuing on into next semester

Building Connections

#WeAreOne Campaign

- Over 700 shirts were made and handed out
- Showing support for the community as a whole
C. Graduate Student Government Report

Graduate Student Government of Michigan Tech

Presented by
Chelsea Nikula

December 18, 2015

Board of Trustees
Michigan Technological University

Fall 2015 Academic Events

Lunch ‘n’ Learns
Want to be an Entrepreneur?
Lower Your Stress

Professional Development Evening:
Finding a Job in Academia

Included presentations on:
* Perfecting a cover letter
* Application packets
* The interview process

Hosted a panel with experienced faculty, new faculty, and post-docs

Fall 2015 Social Events

Fall Color Tour
Halloween Party
Gingerbread House Building
Travel Grant Program

Summer 2015: 38 grants awarded totaling $9,400
Fall 2015: 57 grants awarded totaling $13,250

Graduate Student Concerns

1. Housing and Transportation
2. Diversity and Inclusion

Housing and Transportation

Concerns:
- Public transportation schedule
- Lack of housing near campus

GSG Response:
- Formation of Housing and Transportation Committee
  - Tasked with determining needs of students and identifying possible solutions
- Working with Michigan Tech Transportation, Housing, and the City of Houghton
- Developing a survey to gather information from students
Diversity and Inclusion

Concerns:
- Recent events on campus
- Prevention of future events, making our campus community stronger

GSG Response:
- Internal discussions on ways that GSG can help foster a feeling of inclusion and community at Michigan Tech
- Participation in important community discussions
- We would like to set two goals for next semester to continue our involvement

Research Highlights

Mayra Sanchez Gonzalez
PhD Candidate in Environmental and Energy Policy
She is doing a comparative case study of two ecotourism projects in the Sian Ka’an Biosphere Reserve in Quintana Roo, Mexico to see how ecotourism can empower women.

"Tourism could be an important tool for contributing to this goal (gender equality) by providing women with jobs and other new opportunities."

Nethaniah Dorh
PhD Candidate in Chemistry
He designs and characterizes novel fluorescent dyes that are used to sense and map the hydrophobic surface of proteins. This knowledge can be used to help design better drugs and examine different disease processes.

"It is like shining a spotlight on distinct parts of individual molecules."

Renee Oats
PhD Candidate in Civil and Environmental Engineering
She is developing techniques to assess the structural condition of aging infrastructure and a wide range of materials. This work can help create a framework to fully implement tools and assist decision makers on remediation.

"This research ensures transportation infrastructure is safe for the public."

Looking Forward! -- Spring 2016

Social Events
- IPS & GSG Ski Day at Mt. Ripley
- Cross-Country Ski Day
- GSG Dance Party
- PhD Movie Screening
- End of Semester Picnic

Academic Events
- Graduate Research Colloquium
- 3MT Competition
- Resume and CV Workshop
- Lunch ‘n’ Learns: Poster & Presentation Preparation
- Life Changes

Husky FAN

Food Pantry Statistics

Husky FAN

MealSwipe Data Fall 2015

Lastly, 45 emergency meal packets have been distributed
VII. INFORMATIONAL ITEMS
   A. Analysis of Investments
   B. University Issued Bond Balances
   C. Research and Sponsored Programs Report
   D. Advancement Report
   E. Recent Media Coverage
   F. Employee Safety Statistics

VIII. OTHER BUSINESS

   There was no other business at this time.

IX. PUBLIC COMMENTS

   There were no comments at this time.

X. INFORMAL CLOSED SESSION FOR A PERIODIC PERSONNEL EVALUATION OF PRESIDENT MROZ

   It was moved by T. Baldini, supported by W. Johnson, and passed by voice vote without dissent, that the Board of Trustees proceed into an informal closed session for a periodic personnel evaluation of President Mroz. (A closed session for such a purpose is provided for in Sections 8 (a) of P.A. 267 of 1976). (A roll call vote is required).

   Roll Call Vote:

   Jacquart – Yes          Woychowski – Yes
   Ollila – Yes            Ryan – Yes
   Baldini – Yes           Johnson - Yes
   Kennedy - Yes           Fream - Yes

   The motion passed.

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

   Presidential Compensation

   It was moved by T. Woychowski, supported by B. Ryan, and passed by voice vote without dissent, that the Board of Trustees grants President Mroz an 8% merit increase to his base pay compensation. Additionally, his incentive compensation, which is directly tied to seven strategic plan goal metrics, would pay out in July just under the target amount at $49,375.00.
XI. ADJOURNMENT

It was moved by T. Woychowski, supported by B. Ryan, and passed by voice vote without dissent, that the meeting be adjourned.

_______________________________________
Secretary of the Board of Trustees

___________________________________
Chair, Board of Trustees