MINUTES
of the
Board of Control
Michigan Technological University
Houghton, Michigan

Meeting of
April 27, 2012
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MINUTES OF THE FORMAL SESSION OF THE BOARD OF CONTROL 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 April 27, 2012.

The Board of Control 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 27th day of April, 2012, 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, M. Richardson, and a quorum was declared present.

The following members of the Board of Control were present:

M. K. Richardson, Chair  
S. J. Hicks, Vice Chair  
L. D. Ashford  
T. L. Baldini  
K. I. Clark  
J. A. Fream  
P. G. Ollila  
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 R. Tahtinen, Secretary of the Board and Vice President for Governmental Relations; Daniel D. Greenlee, Treasurer and Chief Financial Officer; George Butvilas, Chair of the Michigan Tech Fund; Max Seel, Provost and Vice President for Academic Affairs; David D. Reed, Vice President for Research; Shea McGrew, Vice President of Advancement and Marketing; Ellen Horsch, Vice President for Administration; Paul Tomasi, University Counsel; 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 the agenda be amended to replace pages two and three of item V-B. Appointments, Not Involving Tenure/Promotion.

It was moved by L. Ashford, supported by T. Woychowski, and passed by voice vote without dissent, that the agenda of the formal session of April 27, 2012, 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 Control 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. In addition, I would like to welcome George Butvilas, Chair of the Michigan Tech Fund, and thank him for taking the time to be with us today.

Before I begin my opening remarks I would like to take a few moments to remember Bob Baillod, who passed away on, April 12.

Bob came to Michigan Technological University in 1968 and chaired the Department of Civil and Environmental Engineering from 1991 to 2005. In addition to being an outstanding faculty member and department Chair, Bob was a Fellow and life member of the American Society of Civil Engineers and a life member of the Water Environment Federation. He served as president of the Association of Environmental Engineering and Science Professors and was on the Board of Trustees of the American Academy of Environmental Engineers and a member of the Michigan Transportation Commission. In addition, he was the founding editor of the Applied Research and Practice Section of The Environmental Engineer. In honor of Bob, could we please have a moment of silence on his behalf.

Since the last Board meeting, many of our faculty, staff and students have been doing great things, and I wanted to take a few moments to highlight some of the more notable accomplishments.

Michigan Technological University ranks as the No. 1 Peace Corps Master’s International university nationwide for the seventh consecutive year. With 31 Peace Corps Master’s International graduate students currently serving as Peace Corps volunteers, Michigan Tech has earned top spot in the 2012 rankings of Peace Corps’ Master’s International and Paul D. Coverdell Fellows graduate schools.

The Peace Corps’ Master’s International program allows students to incorporate Peace Corps service as credit toward their graduate degree. The Coverdell Fellows Program provides
returned Peace Corps volunteers with scholarships, academic credit and stipends to earn an advanced degree after they complete their Peace Corps service.

Dean Johnson, the James and Delores Trethewey Associate Professor in Michigan Technological University’s School of Business and Economics, has been named Professor of the Year by the Presidents Council, State Universities of Michigan. Johnson shares the honor with professors from Michigan State, Saginaw Valley State and Wayne State Universities.

“Dean Johnson has demonstrated his outstanding teaching ability over the years to many students through the Applied Portfolio Management Program, which he designed and directs,” said Darrell Radson, dean of the School of Business and Economics. “We are very proud that his abilities have also been recognized by higher education leaders and professors across our state.”

Dean has previously won the Michigan Tech Distinguished Teaching Award twice--only the third professor in the history of the University so honored. He is a member of the Michigan Tech Teaching Academy (which recognizes teaching excellence), and has been honored with the James and Delores Trethewey APMP Professorship. In addition, Dean is also being recommended for promotion to professor later in today’s agenda.

Michigan Tech is recognizing two faculty members with the 2012 Research Award, professors Robert Nemiroff and Andrew Storer.

Dr. Nemiroff, a professor of physics, is best known in the lay community for being half of the team behind NASA’s Astronomy Picture of the Day. With half a million hits daily, it is “the most successful and popular astronomy site on the web,” wrote Bradley E. Schaefer of Louisiana State University in support of Nemiroff’s nomination for the Research Award. “This is astounding, and the popular effect on astronomy perceptions and education throughout America and the world is enormous.”

Dr. Nemiroff and Jerry Bonnell of NASA started Astronomy Picture of the Day in 1995, which may make it the Internet’s first science blog. It has been going strong ever since. Said Jon Hakkila of the College of Charleston, “As a result of this webpage, Dr. Nemiroff has contributed greatly to popularizing astronomy, following in the footsteps of the late Dr. Carl Sagan.”

Dr. Storer, who has been on the faculty of Michigan Tech’s School of Forest Resources and Environmental Science since 2001, is best known for his research on the spread and management of the emerald ash borer that is threatening ash trees in Michigan and surrounding states. But he also studies a wide variety of insects and insect-borne tree diseases such as beech bark disease, pitch canker disease, and mahogany shoot borer, as well as invasive plants.

Dr. Storer’s work has focused on assessing the effects of management practices on ash tree mortality caused by the emerald ash borer. With US Forest Service and State of Michigan funding for the Slow Ash Mortality (SLAM) project, Storer, his colleagues and students have been assessing the effectiveness of management tools such as biological control, insecticide injections and attracting beetles to groups of trap trees that are stressed by girdling. They are
also investigating the characteristics of ash trees in southeast Michigan that appear to be tolerant or resistant to emerald ash borer and developing improved techniques of spotting the presence of the beetle in new areas.

Hal Holmes, a third-year student in biomedical and electrical engineering, has won a prestigious Goldwater Scholarship, awarded by the Barry M. Goldwater Scholarship and Excellence in Education Foundation.

Goldwater scholarships—established by Congress to honor the late Senator Barry M. Goldwater—are based on academic merit, research experience and intent to pursue a career in science, engineering or mathematics. The purpose of the program is to provide a continuing source of highly qualified scientists, mathematicians, and engineers by awarding scholarships to college students who intend to pursue careers in these fields.

Holmes has published a peer-reviewed paper in the journal Biosensors and was chosen to give a podium presentation at the Biomedical Engineering Society annual meeting in 2011. He also won the Undergraduate Grand Award at the 2011 Graduate Research Forum. Serving as president of Circle K International’s campus chapter, Holmes also was community service chair for the Biomedical Engineering Society and a Housing and Residential Life resident assistant.

The Board would also like to recognize several faculty members that have made significant contributions to Michigan Tech and their chosen field of study and are being recommended for promotion and/or promotion and tenure later in today’s meeting.

The candidates recommended for promotion from assistant professor without tenure to associate professor with tenure are: Simon Carn and Alexsey Smirnov of Geological & Mining Engineering & Sciences; Reza Shahbazian Yassar of Mechanical Engineering-Engineering Mechanics; Shari Stockero of Cognitive & Learning Sciences; Ali Ebnenasir and Robert Pastel of Computer Sciences; Marika Seigel of Humanities; Melissa Keranen of Mathematical Sciences; Samuel Sweitz of Social Sciences; and Rodney Chimner, Oliver Gailing, and Audrey Mayer of the School of Forest Resources and Environmental Science.

The candidate recommended for promotion from associate professor without tenure to associate professor with tenure is Paul Ward of Cognitive & Learning Sciences.

The candidate recommended for promotion from associate professor without tenure to professor with tenure is Andrew Burton of the School of Forest Resources and Environmental Science.

The candidate recommended for promotion from professor without tenure to professor with tenure is Saeid Nooshabadi of Electrical and Computer Engineering.

The candidates recommended for promotion from associate professor with tenure to professor with tenure are: Sean Kirkpatrick of Biomedical Engineering; Faith Morrison of Chemical Engineering; Judith Perlinger and David Watkins of Civil & Environmental Engineering; Jaroslaw Drelich and Yun Hang Hu of Materials Science & Engineering; Dean
Johnson of the School of Business & Economics, and Christopher Webster of the School of Forest Resources & Environmental Science.

Michigan Tech’s Mind Trekkers program will be participating in the 2012 USA Science and Engineering Festival to be held in Washington D.C. at the Water E. Washington Convention Center. There will be over 3,000 hands-on STEM activities led by lead sponsor Lockheed Martin. Mind Trekkers will be taking a team of 14 students, 3 professional staff from the Center for Pre-College Outreach. Joining Mind Trekkers will be Michigan Techs’s Hybrid Electric Vehicle Mobile Lab. The Festival is expected to draw several hundred thousand visitors over its 3 day duration beginning Friday April 27 with a preview day which will host government officials, foreign dignitaries, and over 10,000 students from the Washington D.C. public schools.

In addition, on Friday, May 3, President Mroz and Board Member Terry Woychowski will be hosting a special showcase event at GM World Headquarters featuring an exciting new initiative in STEM education – the High School Enterprise. This outreach program is making a real difference in STEM education at 16 schools in Michigan, Georgia, Illinois, and Puerto Rico. These schools are a mix of urban, rural and inner city with a large number of at-risk, underrepresented, and female students.

Hockey head coach Mel Pearson was named WCHA Coach of the Year. Pearson, in his first season in Houghton, has led his squad to a major turnaround in 2011-12. Heading into the postseason, the Huskies are 14-18-4 overall and 11-13-4 in conference games.

Coach Pearson helped Michigan Tech more than triple its win total from a year ago (four). The Huskies were picked to finish last in the 12-team WCHA, according to the preseason poll, but settled in eighth after having a chance to finish as high as fifth in the final weekend of the regular season. Tech won 11 WCHA games (after winning just eight the previous three years combined) and posted marquee wins over then No. 3 Denver (Oct. 28), No. 2 Minnesota (Dec. 9) and No. 1 Minnesota Duluth (Jan. 28) during the year. Congratulations to Mel Pearson for this distinguished honor and for a great season.

Before closing, I also wanted to point out that this will be the first Commencement for Bonnie Gorman in her new role as Dean of Students, and it will also be a very special day for Bonnie as she will be participating in the ceremonies as she has completed all of the degree requirements for her Ph.D. in Rhetoric and Technical Communication. Please join me in congratulating Dr. Gorman on this outstanding achievement.

**President’s Comments**

President Mroz announced the passing of former faculty member Donna Michalek, and requested a moment of silence in her memory.

For his opening remarks, President Mroz presented the 2011 Accomplishments video.
III. COMMITTEE REPORTS

Academic Affairs Committee Report

Ms. Lenora Ashford provided the Board with the following report.

On Thursday afternoon, the Academic Affairs Committee met with all members of the committee in attendance.

First on the agenda was the discussion of the appointment recommendations involving tenure and promotion. 12 faculty members have been proposed for promotion to associate professor with tenure, 9 have been proposed for promotion to full professor, and 2 have been proposed for tenure at the current rank.

Michigan Tech’s policy for granting tenure and promotion is a vigorous one. It involves external letters of recommendations, deliberations and recommendations of departmental faculty committees, the department chair, a college or interschool committee, the dean, and finally the provost and president.

Short biographies and summaries of accomplishments of all candidates are included in the agenda book for our meeting. The committee supports approval of all appointments involving tenure and promotion as listed. The provost will make some additional remarks in his report.

In addition, the committee reviewed and recommends the appointments of three individuals who, with their initial appointment, will receive tenure:

Dr. Bill Worek is being recommended for appointment as Professor with tenure in the Department of Mechanical Engineering-Engineering Mechanics. He will start as new dean of the College of Engineering on July 1, 2012.

Dr. Terry Sharik, recommended for appointment as Professor with tenure, will assume the duties as dean of the School of Forest Resources and Environmental Science.

Dr. Nancy Langston, currently tenured full professor at the University of Wisconsin–Madison, is being recommended – through the strategic faculty hiring initiative on water - for appointment as Professor with tenure in the Department of Social Sciences. She is a senior scholar with an international reputation for her research program that investigates the human dimensions of change and resilience in the Great Lakes watershed.

Next, the committee briefly reviewed and supports the requested changes to the Senate Constitution requested by the University Senate. The proposed changes are to correct some language due to the transition of the Department of Physical Education to the Department of Kinesiology and Integrative Physiology and the change in reporting structure for the Athletic Department.

The main portion of our meeting was devoted to the discussion of the strategic plan, especially the business plan for the vision 2035. It follows also our road map agreed upon at
the beginning of the year to devote one meeting to a principle highlighted in the AGB Statement on Board Responsibility for the Oversight of Educational Quality. The AGB Principle planned for yesterday’s meeting was: “The board is responsible for approving and monitoring the financial resources committed to support a high-quality educational experience.”

We had a dynamic and energetic discussion on where Michigan Tech needs to be. Nobody has all the answers what a high-quality educational experience will look like in 5, 10, or 25 years and how best to allocate the necessary resources. There are differences in opinion about the role of on-line, blended, and residential experience and what the right mix will be. As board members we have to spend close attention whether we are in the right place with the right mix of delivering education at the right price.

Michigan Tech as a technological university needs to offer discovery-based learning in a technology-rich blended teaching and learning environment. Learning will happen through creative, hands-on tasks so important in an engineering education.

Michigan Tech’s degrees will not only certify certain technical skills but will signal that the graduates have been immersed in global culture, have developed leadership and team-building capabilities, interpersonal connections, civic responsibilities and connection to public policy issues through engagement in campus and professional activities. Michigan Tech’s education will not only be responsive to the interest of students, their employers, and the nation but will prepare graduates for the unknown challenges of careers and citizenship of tomorrow.

Provost Max Seel provided the Board with the following report.

**Provost Report**

Board of Control Meeting
April 27, 2011

1. Tenure and Promotion 2012
2. Faculty and Graduate Program Development over the last 5 Years
Tenure and Promotion 2012

12 promotions to Associate Professor with tenure (4 women)
9 promotions to Full Professor (2 women)
2 tenured at current rank
3 appointments with tenure
2 promotions to Senior Lecturer
1 promotion to Principle Lecturer

Tenure and Promotion 2012

U of M Ann Arbor

He is clearly one of the most creative persons in the field. He is talented in both experiments and theory which is a rare combination. His research accomplishments would qualify him as a full professor at any top research university.

Ball State

The teaching record is excellent and his service to the university, college, community and profession to die for... I envy the national media attention generated by his efforts which have increased the reputation of Michigan Tech within the academic world.

Tenure and Promotion 2012

Princeton

These innovations make her a leader in the field of engineering education.

U of Wisconsin Madison

Simply put, the top XX research center in the world teaches from professor X's book. Her book is a huge contribution to the field.

U of Illinois, Urbana-Champaign

I am extremely enthused and positive about the program and accomplishments of Dr. Y. There are no weaknesses in her record and you are fortunate to have such an outstanding and emerging star on your faculty.
Faculty and Graduate Program Development over the last 5 Years

**FACULTY HEADCOUNT**

<table>
<thead>
<tr>
<th>Tenure/Tenure Track</th>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFHI faculty</td>
<td>0</td>
<td>6</td>
<td>12</td>
<td>19</td>
<td>23</td>
</tr>
</tbody>
</table>

*net increase of 44 or **14.2%***

- **net increase since 2007-08**: 44
- **total new faculty since 2007-08 (136/354 => 38%)**: 136
- **total SFHI since 2008-09**: 23
  - > 38% of all current faculty has been hired in the last 5 years
  - > 17% of all new hires are SFHI

**GRADUATE NON-DEGREE**

<table>
<thead>
<tr>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOCTOR</td>
<td>42</td>
<td>68</td>
<td>156</td>
<td>83</td>
</tr>
</tbody>
</table>

*net increase of 44*

**GRADUATE STUDENTS**

<table>
<thead>
<tr>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOCTOR</td>
<td>422</td>
<td>420</td>
<td>463</td>
<td>507</td>
</tr>
<tr>
<td>MASTER</td>
<td>448</td>
<td>496</td>
<td>587</td>
<td>664</td>
</tr>
<tr>
<td>GRADUATE STUDENTS</td>
<td>912</td>
<td>984</td>
<td>1,206</td>
<td>1,256</td>
</tr>
</tbody>
</table>

*net increase of 42.9%*
Faculty and Graduate Program Development over the last 5 Years

<table>
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<tr>
<th>Year</th>
<th>FACULTY HEADCOUNT</th>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tenure/Tenure Track</td>
<td>310</td>
<td>312</td>
<td>329</td>
<td>342</td>
<td>354</td>
<td></td>
</tr>
<tr>
<td>SFHI faculty</td>
<td>0</td>
<td>6</td>
<td>12</td>
<td>19</td>
<td>23</td>
<td></td>
</tr>
</tbody>
</table>

**net increase of 44 or 14.2%**

**net increase since 2007-08**: 44

**total new faculty since 2007-08 (136/354 => 38%)**: 136

**total SFHI since 2008-09**: 23

- -> 38% of all current faculty has been hired in the last 5 years
- -> 17% of all new hires are SFHI

**FACULTY HEADCOUNT - Tenure/Tenure Track**

<table>
<thead>
<tr>
<th>Year</th>
<th>FACULTY HEADCOUNT</th>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADUATE NON-DEGREE</td>
<td>310</td>
<td>312</td>
<td>329</td>
<td>342</td>
<td>354</td>
<td>14.2%</td>
</tr>
<tr>
<td>MASTER</td>
<td>448</td>
<td>496</td>
<td>587</td>
<td>664</td>
<td>692</td>
<td>54.5%</td>
</tr>
<tr>
<td>DOCTOR</td>
<td>422</td>
<td>420</td>
<td>463</td>
<td>507</td>
<td>528</td>
<td>25.1%</td>
</tr>
<tr>
<td>GRADUATE STUDENTS</td>
<td>912</td>
<td>984</td>
<td>1,206</td>
<td>1,256</td>
<td>1,303</td>
<td>42.9%</td>
</tr>
</tbody>
</table>

**FACULTY HEADCOUNT - Tenure/Tenure Track**

**FACULTY HEADCOUNT - Tenure/Tenure Track**

**GRADUATE NON-DEGREE**

**GRADUATE STUDENTS**
Finance and Audit Committee Report

Mr. Hicks provided the Board with the following report.

The Finance and Audit Committee has met twice since the last Board meeting. The Committee has key metrics that revolve around the strategy and financial stability of the university that we consistently monitor on an on-going basis. In addition, each October we set financial targets for the budget process, and that process has been on-going with the Executive Team for the last six months. Normally at this meeting we set the 2013 fiscal year budget, but given the uncertainty around how the state formula is calculated the Finance and Audit Committee, at the recommendation of the Executive Team, wants to recommend to the Board that we table the budget for approval at this time and have a special meeting on June 21 for the approval of the budget. In addition, CFO Dan Greenlee will be taking a look at where we are with the general and current fund and where the outlook is for the end of the year. I believe that the only significant item driving costs a little higher are the benefits, particularly health care costs.

The Committee is recommending that the Board approve Board of Control policy 8.8. Student Activity Fee which is at the recommendation of both the graduate and undergraduate students, the Strategic Plan and an Campus ID Card System which is a safety issue for our students. The Committee is also doing an in-depth study of the equipment needs, maintenance needs, and capital needs for all facilities to make sure that we understand the costs involved and how we can finance those improvements. We want to make sure that we are very financially prudent, not only from a safety standpoint but a facilities standpoint as well.

Other items reviewed by the Finance and Audit Committee included:

- Facilities Management Project Status
- Facilities Assessment Update
- MPSERS Update
- Continuous Improvement using Lean Principles
- Health Care Strategic Planning Update
Mr. Hicks thanks his fellow Committee members, Tom Baldini, Julie Fream and Marty Richardson for their outstanding efforts.

Mr. Greenlee provided the Board with the following report.

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**Financial Report**

**Board of Control Meeting**

*Friday, April 27, 2012*

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**Balance Sheet**

**Condensed Statement of Net Assets as of March 31, 2012**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Assets</td>
<td>$ 37,764,900</td>
</tr>
<tr>
<td>Noncurrent Assets:</td>
<td></td>
</tr>
<tr>
<td>Capital Assets, net</td>
<td>$ 25,605,132</td>
</tr>
<tr>
<td>Other Noncurrent Assets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$ 21,702,611</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td><strong>$ 316,072,653</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIABILITIES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Liabilities</td>
<td>$ 23,423,156</td>
</tr>
<tr>
<td>Noncurrent Liabilities</td>
<td>$ 60,723,187</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td><strong>$104,146,343</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments in capital assets, net of related debt</td>
<td>$ 170,649,051</td>
</tr>
<tr>
<td>Other net assets, restricted and unrestricted</td>
<td></td>
</tr>
<tr>
<td></td>
<td>$ 34,976,379</td>
</tr>
<tr>
<td><strong>TOTAL NET ASSETS</strong></td>
<td><strong>$211,626,330</strong></td>
</tr>
</tbody>
</table>
Current Fund FY12
(in Thousands)

<table>
<thead>
<tr>
<th></th>
<th>Original Projection</th>
<th>3rd Qtr Projection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>$250,574</td>
<td>$252,233</td>
</tr>
<tr>
<td>Expense</td>
<td>($250,531)</td>
<td>($252,911)</td>
</tr>
<tr>
<td>Net Income</td>
<td>$43</td>
<td>($678)</td>
</tr>
<tr>
<td>Current Fund Balance</td>
<td>$16,123</td>
<td>$15,402</td>
</tr>
</tbody>
</table>

Note: Current Fund includes General Fund, Designated Fund, Auxiliaries, Retirement and Insurance, and the Endowment Restricted Funds.

Current Fund Balances
(in Thousands)

<table>
<thead>
<tr>
<th></th>
<th>Balance 06/30/10</th>
<th>Balance 06/30/11</th>
<th>Projected Balance 06/30/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL CURRENT FUND BALANCE</td>
<td>$15,313</td>
<td>$16,080</td>
<td>$15,402</td>
</tr>
<tr>
<td>LEGALLY RESTRICTED FUNDS</td>
<td>($2,642)</td>
<td>($2,809)</td>
<td>($3,067)</td>
</tr>
<tr>
<td>UNRESTRICTED CURRENT FUND BALANCE</td>
<td>$12,621</td>
<td>$13,271</td>
<td>$12,435</td>
</tr>
</tbody>
</table>

CASH FLOW
Calendar Years
2010, 2011 & 2012 YTD
(dollars in millions)
Mr. Butvilas, Chair of the Michigan Tech Fund Board of Directors provided the Board with the following report.

**Michigan Tech Fund Update to the Board of Control**
**April 27, 2012**

George Butvilas

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**MICHIGAN TECHNOLOGICAL UNIVERSITY**
*Generations of Discovery*

**Campaign Progress Summary**
as of April 17, 2012

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni &amp; Friends</td>
<td>$113,848,243</td>
</tr>
<tr>
<td>Corporations</td>
<td>47,881,359</td>
</tr>
<tr>
<td>Private Foundations</td>
<td>2,581,575</td>
</tr>
<tr>
<td>Gifts-in-Kind</td>
<td>5,884,833</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>$170,196,010</strong></td>
</tr>
</tbody>
</table>
Notable Recent Gifts/Pledges

- Richard’48 & Liz Henes
  $3 million/TBD (likely scholarships)
- Kanwal Rekhi ’69
  $250,000/Student Projects
- General Motors
  $107,000/Power Systems, Senior Design, Other

Campaign Committee

- Reviewed campaign progress and action steps going forward
- Key prospects: 60 with potential of $100,000 to $5M
- Recommended to MTF Board of Directors that $200M goal be affirmed
- Discussed key messages to be used through end of campaign

Campaign Committee (cont’d)

- Reviewed special initiatives:
  - Scholarship and fellowships
  - Increasing giving from female alumnae
  - Start-up funds for Doctor of Physical Therapy program
  - Alumni Way/Campus Mall
  - Hockey mini-campaign
  - Professorship to honor retiring ECE faculty member
    Dennis Wiltanen
MTF Board of Trustees Update

- Campaign update and discussed key actions
- Received report on investments from Jim Leckinger of Northern Trust
- In-depth discussion of university and campaign messaging, led by President Mroz:
  - University progress and accomplishments since 2006 Strategic Plan
  - Strong momentum
  - Private support has enabled many successes
  - Challenges going forward
  - Private support is essential for Michigan Tech to thrive
  - Participate in the campaign now!

MTF Board of Directors Update

- Looked at fundraising progress and cost per dollar raised: $0.16
- Reviewed projections of gift cash flow and MTF transfers
- Discussed the issue of “Strategic Alignment”
• Discussed Northern Trust transition and investment metrics (seeking 9% return)

• Acted to affirm campaign goal of $200 million

---

Special Fundraising Initiatives

- Spendable Scholarships and Fellowships
- Hockey mini-campaign
- Giving from Tech Alumnae

---

- Dennis Wiltanen Endowed Professorship
- Doctor of Physical Therapy Program
- Bill Rose Geoscience Student Travel Endowment
IV. CONSENT AGENDA

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control approve and adopt the items contained in the Consent Agenda.

IV-A. Approval of Minutes

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the minutes of the formal session of February 23, 2012, as distributed to the Board, be approved.

IV-B. Degrees in Course

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control approves the awarding of the degrees as specified, to each of the candidates listed, and offer congratulations.

Michigan Technological University
Degrees Awarded for Conferral Term 201108

Bachelor of Arts in Communication, Culture, and Media
Tristin Nicole Blust

Bachelor of Arts in Theatre and Electronic Media Performance
Charles Philip Rohrer

Bachelor of Arts in English
Nicole Gabrielle Arens
Eugenia Fedewa Jobst
Madeline Marie Northey - Magna Cum Laude
Kaitlin Marie Wiza
Bachelor of Arts in Liberal Arts
  Nathaniel J Erickson - Cum Laude

Bachelor of Arts in Scientific and Technical Communication
  Lindsay Rae Dunn - Summa Cum Laude
  Joshua John Mayo

Bachelor of Science in Accounting
  Bing Bai
  Wenjia Fu - Cum Laude
  Yingqi Gu - Magna Cum Laude
  Karilyn Kay Paquette
  Yu Song
  Thanyalak Suthijindawong - Cum Laude
  Dan Wu
  Lijuan Xie - Magna Cum Laude
  Chen Yu
  Chun Zhang

Bachelor of Science in Business Administration
  Annie K Blau
  Melissa Jo Brushaber
  Tonina M Clements
  Erica Jane Dedo
  Joseph Lawrence Fitzhugh
  Andrew John Haney
  Tiffany D Hendricks
  Paul Jueckstock
  Ross D Kinnunen
  Jessica Nicole Miller
  Gregory Allen Olson
  Hao Qiu
  Brett Jordan Rintala
  Janese Camile Roberson
  Stephen James Worthy
  Jiangtao Zhang

Bachelor of Science in Economics
  Lulu Dai - Summa Cum Laude
  Xiaozhu Li
  Yaozu Lu
  Zhenghua Tan

Bachelor of Science in Finance
  Joshua B Floyd
  Liqi Fu - Cum Laude
  Genyang Pan
Jia Xu  
Yihong Yao  
Qiqi You  
Sheng Zhang  

Bachelor of Science in Management  
Chao Yang  

Bachelor of Science in Management Information Systems  
Jonathan James LaPlant  
Chen Lin  

Bachelor of Science in Marketing  
Timothy Stephen Fox  

Bachelor of Science in Biomedical Engineering  
Elizabeth Carol Daavettila  
Neha Deshpande  
Jacob Andrew Gombar - Cum Laude  
Bryne M Judy  
Lindsey Marie Olson  
Brittany Sharon Potton - Magna Cum Laude  
Zichen Qian  
Anthony Giovanni Rossetto  
Jared T Ruffini  
Nicholas James Schaub - Magna Cum Laude  
Addishiwot Ayalew Teshome - Cum Laude  

Bachelor of Science in Engineering  
Margaret Leigh Buehl  
Linh Therese Wark  

Bachelor of Science in Civil Engineering  
Matthew Wade Altena  
Scott A Badger  
Erin Marie Bertocchi  
Trevor Lee Block  
Jacquie Lin Blom  
Tyler John Cattelino  
Jonathon Robert Crowe - Cum Laude  
Mark Edward Devich - Cum Laude  
Adam Charles DiPietro  
Benjamin Walter Doege  
Mathew C Edwards  
Katherine Fox Engels - Cum Laude  
Andrew Robert Erickson  
Wenjia Fan  
Carley Ann Feese
Hongbo Fei
Tyler W Fincher
Craig Gengler
Chad G Hemingway
Wesley Dean Hineline
Tristram Marie-Ann Hokenson
Anthony A Hoxie
Devlin Ray Huhta
Yingying Jin - Magna Cum Laude
Bryan J Karns - Cum Laude
David Abraham Kilpela
Mark David Kivisto
Paul Leonard Koppana
Zachary Wilson Kujala
Daniel J Lakanen
Deanna Marie Larson
Eric Matthew Latz
James F Lawson
Donald John Leddy - Summa Cum Laude
Jeffrey Craig Levine
Nicholas A Lindholm - Cum Laude
Haobo Ma
Troy Jerome Mackey - Magna Cum Laude
Jonathan Ford McCracken - Cum Laude
Joel Andrew Ortman
Nicolas Blaine Pueppke - Cum Laude
Michael Jonathan Rood
Susan E Roterman
Emily Ann Schmidt
Elizabeth Anne Schummer
Huo Shao
Joshua J Steffeeck - Magna Cum Laude
David John Storck
Tyler Ross Sutkowi
Brandon David Syrja
Benjamin Martin Wilkens
John Robert Wolfston
Michelle Jacqueline Woods
Adam Matthew Zeug
Pengcheng Zhou - Cum Laude
Ruilong Zhu

Bachelor of Science in Chemical Engineering
Ryan James Glaser
Stephen A Macklin
Ruwinda Dilan Wijesinghe
Bachelor of Science in Computer Engineering
Monica Marie Alger - Cum Laude
Christopher James Hoitenga
Matthew A Huotari - Summa Cum Laude
Lancine Kaba
Kyle Christopher North
Adam Charles Peterson

Bachelor of Science in Electrical Engineering
Alex Anthony Aiello
Jennifer Catherine Cauley
Jacob M Chalut
Mark Patrick Cieszlak
Daniel James Daavettila - Magna Cum Laude
Stephen M DeCeuninck - Cum Laude
Travis D Gale - Summa Cum Laude
Brett Hays Giles
Gregory Allen Grandy - Cum Laude
Joseph Dean Graziani
Ethan Edward Grindle - Cum Laude
Kyle A Grundy
Bruce James Read Hall - Cum Laude
Devon Arthur Johnson
Jared William Julien
Andrew J Kienitz
Jill Marqaret Kivisto
Bochao Li
Matthew Edward Liss - Magna Cum Laude
Sisi Liu - Magna Cum Laude
Robert Joseph Mallow
Matthew Paul McGuire
Michael Paul Neuville - Cum Laude
Christopher Samuel Paquette
Logan R Patrick
Andrew J Paul - Magna Cum Laude
Derrick Bernard Purcell
Angela M Selden - Cum Laude
Travis Ethan Waineo
Christopher A Wines - Cum Laude
Yifan Xiao - Cum Laude

Bachelor of Science in Environmental Engineering
Rachael R Barlock
Brian David Chronowski
Ashley Lynn Corbeille
Ashley A Dunham
Joseph Paul Frauenshuh
Dawn Goeser
Tyler Steven Jansen  
Adam Frederick Shaffer  
Hanna Rebekka Stadem  
Justin S Uhall  
Holly R Walters  

Bachelor of Science in Geological Engineering  
Jordan Walter Boyer  
Paige B Buyarski - Cum Laude  
Scott F Stanton  

Bachelor of Science in Mechanical Engineering  
Drew Daniel Aiken  
Aaron David Andersen  
Rushil Basavaraj - Cum Laude  
Avery T Becker - Summa Cum Laude  
David Marc Bentoski  
Kyle Bertil Berggren  
Jason Edward Bernard  
Daniel Kenton Buck - Cum Laude  
Bryan D Cook  
Tyler Brian Daavettila - Magna Cum Laude  
Cory John Feivor  
Evandro Maicon Ficanha  
Michael David Geiersbach  
Robert D Gordon  
Eric D Hagedorn - Magna Cum Laude  
Bruce James Read Hall - Cum Laude  
Samuel Paul Handschke - Cum Laude  
Izaak J Harvey  
John H Hatch  
Nathan K Helwig  
Benjamin Michael Herlache - Magna Cum Laude  
Alexander Mark Hetteen  
Steven Gerard Heymes  
Gareth Bradley Johnson - Summa Cum Laude  
Wesley Robert Johnson  
Brittany S Labinski  
Maxwell Richard Lent  
Qianyu Liang - Magna Cum Laude  
Thomas Joseph Lindholm  
Christine N Lundberg  
Benjamin R Martens  
Kelsey Lynne McComb  
Grace E Neuburg  
Mark David Nordstrom  
Christopher Samuel Paquette  
Stephen H Pardus
Fei Pi
Shaun Michael Range - Magna Cum Laude
Jacob Edward Rauser
Dennis Michael Reich
Anthony Giovanni Rossetto
Aaron Michael Roznowski
Kyle Schounard
Eric David Sorenson
Randall Glenn Stroop
Jason Brian Susick
Darrin Traczyk - Magna Cum Laude
James David Trippett
Brandon J Vick
John R Visser - Cum Laude
Bernhard Georg-Otto Walker
Mingrui Wang - Cum Laude
Chet I White - Cum Laude
Joshua R Wiljanen
Brent Logan Woodard - Cum Laude
Daniel John Woodford - Cum Laude
Jiongxun Zhang - Magna Cum Laude

Bachelor of Science in Applied Ecology and Environmental Sciences
Jennifer E Bush
Aerran Eammon Sean Riley
Peter Burton Widin
Donavon Jack Young

Bachelor of Science in Forestry
Zane Charles Abbott
James Deane Anderson
Jonathan H Fournier
Joshua Thomas Kelly
David Jerome Kossak
Jamin John Partanen - Cum Laude
August Halme Ridder
Andrew Jacob VanDyke

Bachelor of Science in Wildlife Ecology and Management
Breanne E Carne
Sunshine Love - Magna Cum Laude
William Kristian Schultz
Karen Marie Smigielski
Blaine Michael Stormer
Auriel M Van Der Laar - Magna Cum Laude

Bachelor of Science in Biological Sciences
Paige Hope Beilfuss
Gregory Adam Cutsy  
Marc Robert Madigan - Cum Laude

Bachelor of Science in Chemistry  
Justin McLean Fogarty  
Robert Shane Halwani  
Gregg D Hasman  
Elizabeth Ann Mundell  
Jennifer Elizabeth Rich  
Matthew Michael Schultz

Bachelor of Science in Clinical Laboratory Science  
Brooke E Asiala  
Robert A Haase - Cum Laude

Bachelor of Science in Computer Science  
Christopher William Barr - Cum Laude  
Karl William Bloedorn - Cum Laude  
James Robert Freiberg  
Toran M Keith - Summa Cum Laude  
John Patrick Krueger - Magna Cum Laude  
Alysha Mae Lancaster  
Bing Li  
Justin John Paterson  
James G Prochaska  
Jeffrey August Zielinski

Bachelor of Science in Computer Systems Science  
Scott Jeffrey Bos  
Daniel J DeWaele  
Stephen A Goetz

Bachelor of Science in Exercise Science  
Caitlyn Leigh Merkey  
Anna M Pearson  
Drew David Vanderlin

Bachelor of Science in Mathematics  
Caleb John Goff - Cum Laude  
John Patrick Kelly - Magna Cum Laude  
Jacob Otto Klingelhutz  
Kristina Kotonika - Cum Laude  
Zhi Li  
Xi Wang  
Teresa Marie Woods - Magna Cum Laude

Bachelor of Science in Biochemistry and Molecular Biology  
Robert Kevin Brown
Bachelor of Science in Physics
  Albert Andrew Patrick
  Joseph D Wilm - Cum Laude

Bachelor of Science in Psychology
  Samantha Rose Simon

Bachelor of Science in Software Engineering
  David Alexander Cawley
  Ryan C Hurtubise - Summa Cum Laude
  Peter A Miele

Bachelor of Science in Sports and Fitness Management
  Phillip Michael Milbrath
  Kathleen Joanne Storm

Bachelor of Science in Social Sciences
  Alysha Mae Lancaster

Bachelor of Science in Scientific and Technical Communication
  Yunhua Li - Magna Cum Laude
  Brittany Elizabeth Ondraka
  Audrey Ann Reenders
  Mack Reese
  Cameron Mitchell Schwach

Bachelor of Science in Construction Management
  Jared Lawrence Detrick
  Alicia Ann Haydamack - Summa Cum Laude
  Jordan Andrew Huffman - Cum Laude
  Daniel L Kroll
  Michael John Lasanen
  Matthew J Pietila
  Brian Allan Poyhonen
  John R Reck
  Aaron T Thomsen

Bachelor of Science in Computer Network and System Administration
  Andrew Stephen Baldino
  Lee Gaiser
  Jared P Kauppila
  Matthew Thomas Masseth
  Justin R Store - Magna Cum Laude
  Joseph James Vella

Bachelor of Science in Electrical Engineering Technology
  Ryan Anthony Cole
Scott E Hanson - Cum Laude
Matthew Stephen Smith

Bachelor of Science in Industrial Technology
Melvin W Abraham
Steven T Porritt

Bachelor of Science in Mechanical Engineering Technology
Thomas A Katerberg
Ryan Richard Lucas
Alex M Pietila
Brett C Puffpaff
Scott F Sladek
Zachary James Sponhauer
Stephen J Talaga
Daniel John Vandermate
Jared Alan Wagoner
Gabriel Thomas Wood

Bachelor of Science in Surveying Engineering
Scott Allen Baker
Brock R Friermood
Ryan Thomas Klarner
Travis Robert Ledvina
Kevin Vanner Takala - Cum Laude

Master of Business Administr. in Business Administration
Timothy Jon Dewey
Kristi Lynn Isaacscon
Joshua Paul Olson
Lisa Michelle Staehlin
Wenli Su

Master of Engineering in Engineering
Wei-Chung Lai
Hsueh-Chien Lu

Master of Engineering in Civil Engineering
Amirthan Ganesan
Katherine Ann Zimmerman

Master of Forestry in Forestry
Conor Kevin Bell
Kenneth James Kettler
Michael Isaac Premer

Master of Science in Civil Engineering
Ted M Champagne
Baron Walter Colbert  
Christopher D DeDene  
Michael David Hochscheidt  
Karl Melvin Krueger  
Anthony R Oxley

Master of Science in Chemical Engineering  
Gaurav Nareshchander Bhardwaj  
Jordan Lee Klinger

Master of Science in Electrical Engineering  
Michael Kevin Blaser  
Nikhil Narsinha Dharwadkar  
Andrew Michael Drees  
Elizaveta Olegovna Egorova  
Syed Suhel Khayyam  
Nikhil Bipin Nayak  
Aashish Poudel  
Sreeja Sneha Rajasekharan  
Oskar Reynisson  
Jonathan Allen Shauger  
Gregory Michael Vosters

Master of Science in Environmental Engineering  
Marcel Laurens Dijkstra

Master of Science in Environmental Engineering Science  
Aaron Ingersoll Dayton  
Susan M Larson

Master of Science in Geological Engineering  
Katelyn Anne Watson

Master of Science in Geology  
Carla Alejandra Alonso Contes  
Lara Nicole Kapelanczyk  
Anieri Marie Morales Rivera

Master of Science in Geophysics  
Dulcinea Marie Avouris  
Ryan Mitchell Banas  
Mohamed Ali Ezawi

Master of Science in Mechanical Engineering  
Nikhil Jayant Ajotikar  
Wei Chen  
Swetha Devanayaka  
Yiping Feng
Patcharapol Gorgittrattanagul
Rohan Achyut Gumaste
Hanmeng Guo
Nikhil Sunil Kodgule
Siddharth Vikram Kulkarni
Tyler Wesley LeRoy
Seyedmehdi Mortazavi Zanjani
Vikas Narang
Saurabh Hemkant Potdar
Melissa A Roberts
Abhishek Sabharwal
Mihir Vinod Sahasrabhojane
Rohan Ravindra Sawai
Jordan Daniel Stank
Ganesh Sukumar
Komal Tayal
Jaspreet Singh Virdi
Shuo Wang
Rui Yan
Fengli Zhang

Master of Science in Materials Science and Engineering
    Ding Chu
    Nicholas D Johnson

Master of Science in Applied Ecology
    Kassidy Nikole Yatso

Master of Science in Forest Ecology and Management
    Mickey Philip Jarvi
    Jolanta Agnieszka Len

Master of Science in Forestry
    Kyle Marcus Earnshaw
    Tonis Tonisson

Master of Science in Forest Molecular Genetics and Biotechnology
    Yang Li

Master of Science in Applied Science Education
    Paul J Dube
    Tony Jay Schwaller
    Michele Renee Svoboda

Master of Science in Biological Sciences
    Kyle Dahlin Forgette
    Jennifer L Witting
Master of Science in Chemistry
   Padmanaban Sasthan Kuttipillai

Master of Science in Computer Science
   Priyanka Chandrashekhar Anand
   Fang Ruan
   Hang Zhang

Master of Science in Mathematical Sciences
   Janelle Ann Doebel
   Elaheh Gorgin
   Jing Yang

Master of Science in Physics
   Rachel Ann Blaser
   Mathew Phillip Hollinger
   Noopur Sharma

Master of Science in Rhetoric and Technical Communication
   Thomas C Adolphs
   Angela Marie Badke
   Shampa Bhattacharyya
   John Eric Holmlund

Doctor of Philosophy in Civil Engineering
   Abdul Ahmed Koroma

Doctor of Philosophy in Chemical Engineering
   Wen Nee Yeo

Doctor of Philosophy in Electrical Engineering
   Irfan Ahmed
   Muhammad Ali
   Mohsen Pourkhaatoun
   Jayanth Ranganat Ramamurthy

Doctor of Philosophy in Geology
   Patricia Amanda Nadeau

Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics
   Seyyed Hessam Mir Shah Ghassemi
   Duane Allan Morrow
   Anahita Pakzad
   Julio L Rivera

Doctor of Philosophy in Biological Sciences
   Christopher Elmer Schwartz
Doctor of Philosophy in Chemistry
Louis R Pignotti

Doctor of Philosophy in Mathematical Sciences
David Christopher Clark
Chang Liu

Doctor of Philosophy in Engineering Physics
Abhishek Prasad

Doctor of Philosophy in Rhetoric and Technical Communication
Shawn Paul Apostel
Nathaniel Galarea Gbessagee

IV-C. Gifts

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control acknowledges the gifts to Michigan Technological University.

Michigan Technological University
Michigan Tech Fund
Gift Activity Cash Report
July 1, 2011 through January 31, 2012
Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY12 YTD Total</th>
<th>FY11 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>4,240,024</td>
<td>5,411,771</td>
<td>-1,171,747</td>
<td>-21.7%</td>
</tr>
<tr>
<td>Realized Planned Gifts (current year)</td>
<td>383,705</td>
<td>10,283</td>
<td>373,423</td>
<td>3,631.5%</td>
</tr>
<tr>
<td><strong>Current Year Subtotal</strong></td>
<td><strong>4,623,730</strong></td>
<td><strong>5,422,054</strong></td>
<td><strong>-798,324</strong></td>
<td><strong>-14.7%</strong></td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>2,253,433</td>
<td>829,186</td>
<td>1,424,244</td>
<td>171.8%</td>
</tr>
<tr>
<td>Realized Planned Gifts (previously recorded)</td>
<td>151,432</td>
<td>1,060,162</td>
<td>-1,908,730</td>
<td>-91.0%</td>
</tr>
<tr>
<td><strong>Receipts from Previous Year Subtotal</strong></td>
<td><strong>2,404,865</strong></td>
<td><strong>2,569,348</strong></td>
<td><strong>-164,483</strong></td>
<td><strong>-6.4%</strong></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,028,594</strong></td>
<td><strong>7,931,405</strong></td>
<td><strong>-902,810</strong></td>
<td><strong>-11.4%</strong></td>
</tr>
</tbody>
</table>
IV-D. Resignations, Retirements & Off Payroll

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control accepts the resignations and confirms the off payroll determinations.
IV-E. Approval of the External Auditor

It was moved by J. Fream, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control authorize the Administration to engage the certified public accounting firm Rehmann Robson to conduct the following audits for the fiscal year ending June 30, 2012:

1. The annual examination of the University's Financial Statements and Supplemental Information (all funds).

2. The annual examination of federal student financial assistance programs, including Pell Grants, Education Opportunity Grants, Perkins Loans, College Work Study Programs and Part B Loans.

3. The financial audit of the University's intercollegiate athletics programs, as mandated by the National Collegiate Athletics Association.

V. ACTION/DISCUSSION ITEMS

V-A. Employee Recognition

It was moved by T. Woychowski, supported by K. Clark, and passed by voice vote that the Board of Control adopts the Resolution of the Board of Control of Michigan Technological University in Appreciation for Paul Heikkinen.

Michigan Technological University
Houghton, Michigan

Board of Control of Michigan Technological University

In appreciation

Paul Heikkinen

The Board of Control of Michigan Technological University at its meeting on the twenty-seventh day of the month of April in the Two Thousand and twelve year declared that:

WHEREAS Paul Heikkinen, a citizen of the State of Michigan, has honorably and dutifully served Michigan Technological University and its constituents; and

WHEREAS his service to Michigan Technological University was for a period of thirty-five productive years; and

WHEREAS his contributions to Michigan Technological University and higher education in general have been of the highest order and in the best interest of all: Therefore be it

RESOLVED, that the Board of Control extends appreciation and congratulations to this distinguished citizen and employee of Michigan Technological University.

Martha E. Richardson, Chair

Glenn D. Mroz, President
V-B. Appointments, Non Involving Tenure/Promotion

It was moved by L. Ashford, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the appointments listed herein. The appointments do not include tenure or promotion.

Appointment without Tenure to Two Years
Effective August 20, 2012

Soonkwan Hong  Assistant Professor  School of Business & Economics
Becky Lafrancois  Assistant Professor  School of Business & Economics
Andre Laplume  Assistant Professor  School of Business & Economics
Daya Muralidharan  Assistant Professor  School of Business & Economics
Latha Poonamalee  Assistant Professor  School of Business & Economics
Joel Tuoriniemi  Assistant Professor  School of Business & Economics
Hairong Wei  Assistant Professor  School of Forest Res & Env Sci
Aurenice de Menezes Oliveria  Assistant Professor  School of Technology
Xinli Wang  Assistant Professor  School of Technology
David Wanless  Assistant Professor  School of Technology
Timothy Eisele  Assistant Professor  Chemical Engineering
Caryn Heldt  Assistant Professor  Chemical Engineering
Wenzhen Li  Assistant Professor  Chemical Engineering
Wen Zhou  Assistant Professor  Chemical Engineering
Jennifer Becker  Associate Professor  Civil & Environmental Engrg
Qingli Dai  Assistant Professor  Civil & Environmental Engrg
Devin Harris  Assistant Professor  Civil & Environmental Engrg
Eric Seagren  Associate Professor  Civil & Environmental Engrg
Raymond Swartz  Assistant Professor  Civil & Environmental Engrg
Durdu Guney  Assistant Professor  Electrical & Computer Engrg
Shiyan Hu  Assistant Professor  Electrical & Computer Engrg
Chee-Wooi Ten  Assistant Professor  Electrical & Computer Engrg
Wayne Weaver  Assistant Professor  Electrical & Computer Engrg
Louisa Kramer  Assistant Professor  Geological & Mining Engrg Sci
Thomas Oomen  Assistant Professor  Geological & Mining Engrg Sci
Seung Hyun Kim  Assistant Professor  Mechanical Eng-Eng Mechanics
Seong-Young Lee  Assistant Professor  Mechanical Eng-Eng Mechanics
Scott Miers  Assistant Professor  Mechanical Eng-Eng Mechanics
Kazuya Tajiri  Assistant Professor  Mechanical Eng-Eng Mechanics
Mi Hye Song  Assistant Professor  Biological Sciences
Thomas Werner  Assistant Professor  Biological Sciences
Edward Cokely  Assistant Professor  Chemistry
Laura Brown  Assistant Professor  Computer Science
Ramon Fonkoue  Assistant Professor  Humanities
Jingfang Ren  Assistant Professor  Humanities
Ketty Thomas  Assistant Professor  Humanities
Qing-Hui Chen  Assistant Professor  Kinesiology & Integrative Phys
Andreas Artemiou  Assistant Professor  Mathematical Sciences
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethan Smith</td>
<td>Assistant Professor</td>
<td>Mathematical Sciences</td>
</tr>
<tr>
<td>Kim Fook Lee</td>
<td>Assistant Professor</td>
<td>Physics</td>
</tr>
<tr>
<td>Claudio Mazzoleni</td>
<td>Assistant Professor</td>
<td>Physics</td>
</tr>
<tr>
<td>Fredric Quivik</td>
<td>Associate Professor</td>
<td>Social Sciences</td>
</tr>
<tr>
<td>Jared Anderson</td>
<td>Assistant Professor</td>
<td>Visual &amp; Performing Arts</td>
</tr>
<tr>
<td>Kalen Larson</td>
<td>Assistant Professor</td>
<td>Visual &amp; Performing Arts</td>
</tr>
<tr>
<td>Rupak Rajachar</td>
<td>Assistant Professor</td>
<td>Biomedical Engineering</td>
</tr>
<tr>
<td>Veronica Griffis</td>
<td>Assistant Professor</td>
<td>Civil &amp; Environmental Engineering</td>
</tr>
<tr>
<td>Zhijun Zhao</td>
<td>Assistant Professor</td>
<td>Electrical &amp; Computer Engineering</td>
</tr>
<tr>
<td>Karen Roemer</td>
<td>Assistant Professor</td>
<td>Kinesiology &amp; Integrative Phys</td>
</tr>
<tr>
<td>Le Zhang</td>
<td>Assistant Professor</td>
<td>Mathematical Sciences</td>
</tr>
</tbody>
</table>

**Appointment without Tenure for One Year**
*Effective August 20, 2012*

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simon Carn</td>
<td>Assistant Professor</td>
<td>Geological &amp; Mining Engineering &amp; Sciences</td>
</tr>
<tr>
<td>Alexsey Smirnov</td>
<td>Assistant Professor</td>
<td>Geological &amp; Mining Engineering &amp; Sciences</td>
</tr>
<tr>
<td>Reza Shahbazian Yassar</td>
<td>Assistant Professor</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
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<tr>
<td>Shari Stockero</td>
<td>Assistant Professor</td>
<td>Cognitive &amp; Learning Sciences</td>
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<td>Ali Ebnenasir</td>
<td>Assistant Professor</td>
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<td>Robert Pastel</td>
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<td>Marika Seigel</td>
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<td>Melissa Keranen</td>
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<td>Samuel Sweitz</td>
<td>Assistant Professor</td>
<td>Social Sciences</td>
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<tr>
<td>Rodney Chimner</td>
<td>Assistant Professor</td>
<td>School of Forest Resources &amp; Environmental Science</td>
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<td>Oliver Gailing</td>
<td>Assistant Professor</td>
<td>School of Forest Resources &amp; Environmental Science</td>
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<tr>
<td>Audrey Mayer</td>
<td>Assistant Professor</td>
<td>School of Forest Resources &amp; Environmental Science</td>
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</table>

**V-C. Appointments, Involving Tenure/Promotion**

It was moved by K. Clark, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the appointments involving tenure and/or promotion listed herein.

**Promotion from Assistant Professor without Tenure to Associate Professor with Tenure**

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
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<tbody>
<tr>
<td>Simon Carn</td>
<td>Geological &amp; Mining Engineering &amp; Sciences</td>
</tr>
<tr>
<td>Alexsey Smirnov</td>
<td>Geological &amp; Mining Engineering &amp; Sciences</td>
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<tr>
<td>Reza Shahbazian Yassar</td>
<td>Mechanical Engineering-Engineering Mechanics</td>
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<td>Samuel Sweitz</td>
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<td>School of Forest Resources &amp; Environmental Science</td>
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<td>School of Forest Resources &amp; Environmental Science</td>
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<tr>
<td>Audrey Mayer</td>
<td>School of Forest Resources &amp; Environmental Science</td>
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</table>

**Appointment for Associate Professor without Tenure to Associate Professor with Tenure**

<table>
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<tr>
<th>Name</th>
<th>Department</th>
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<tbody>
<tr>
<td>Paul Ward</td>
<td>Cognitive &amp; Learning Sciences</td>
</tr>
</tbody>
</table>

**Promotion from Associate Professor without Tenure to Professor with Tenure**

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
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</thead>
<tbody>
<tr>
<td>Andrew Burton</td>
<td>School of Forest Resources &amp; Environmental Science</td>
</tr>
</tbody>
</table>
Appointment from Professor without Tenure
to Professor with Tenure

Saeid Nooshabadi  Electrical & Computer Engineering

V-D. Promotions

It was moved by T. Woychowski, supported by J. Fream, and passed by voice vote without dissent, that the Board of Control approves the promotions listed herein.

Promotion from Associate Professor with Tenure
to Professor with Tenure

Sean Kirkpatrick  Biomedical Engineering
Faith Morrison  Chemical Engineering
Judith Perlinger  Civil & Environmental Engineering
David Watkins  Civil & Environmental Engineering
Jaroslaw Drellich  Materials Science & Engineering
Yun Hang Hu  Materials Science & Engineering
Dean Johnson  School of Business & Economics
Christopher Webster  School of Forest Resources & Environmental Science

V-E. Appointments with Tenure

It was moved by K. Clark, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control approves the appointment of Dr. William M. Worek as Professor with tenure in the Department of Mechanical Engineering-Engineering Mechanics effective July 1, 2012.

It was moved by L. Ashford, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the appointment of Dr. Terry L. Sharik as Professor with tenure in the School of Forest Resources and Environmental Science effective July 1, 2012.

It was moved by P. Ollila, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the appointment of Dr. Nancy Langston as Professor with tenure in the Department of Social Sciences effective August 18, 2013.

V-F. Emeritus Rank

It was moved by J. Fream, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the following emeritus appointment:

1.) Dr. Samuel W. Coates, Professor Emeritus, School of Technology
V-G. Election of Chair and Vice Chair

Dr. Clark reported that the Nominating Committee is recommending Steve Hicks as Chair and Julie Fream as Vice Chair for the 2012-2013 fiscal year.

It was moved by L. Ashford, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control elects Mr. Steve Hicks as Chair and Ms. Julie Fream as Vice Chair for the 2012-2013 fiscal year.

V-H. Policy 8.8. Student Activity Fee

It was moved by S. Hicks, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control amends policy 8.8. Student Activity Fee as presented herein.

The amended policy shall read as follows:

8.8 Student Activity Fee

The President is authorized to assess a $60.00 fee in each of the Fall and Spring semesters as an Activity Fee for enrolled undergraduate students. The majority of this fee is to be used for support of student organizations as administered by the Undergraduate Student Government, and the remainder is to be used for initiatives that benefit the campus community as determined by the Vice President for Student Affairs. Procedures for the distribution of funds to meet these goals will be established by mutual agreement of the Undergraduate Student Government and the Vice President for Student Affairs and reviewed annually.

The President is authorized to assess a $50.00 fee in each of the Fall and Spring semesters as an Activity Fee for enrolled Graduate students. Of the $50.00 levied Fall and Spring, 50% of this fee is to be earmarked for support of student organizations as administered by the Undergraduate Student Government, 50% is to be earmarked for support of the Graduate Student Government. The President is authorized to levy a $10 per summer Activity Fee for Summer enrolled Graduate Students. The $10 is to be earmarked for support of the Graduate Student Government.

A limited number of exceptions in assessing the fee may be made by the President or the President's designate for university employees and/or students not on the main campus. Students not enrolled in courses on the main campus, University employees and/or Senior Citizens who are not assessed the fee are not eligible to receive the associated benefits.

This policy supersedes Board of Control policy 8.8. Student Activity Fee dated April 29, 2011.

Mr. Baldini noted that student fees may be included in the tuition increase calculation by the State legislature.
V-I FY 2012-2013 General Fund Operating Budget

Mr. Hicks stated that due to the uncertainty of the State with respect to the appropriations process and what the final funding determinations will be, the Finance and Audit Committee does not want to recommend a budget that may then have to be changed after the fact.

Dr. Woychowski asked if there were any negative ramifications to not passing the budget at this time. Dr. Cook commented that an email will be sent to the students letting them know that the Board took no action on the budget due to the uncertainty of the State, and that the tuition rates will be set in June.

It was moved by S. Hicks, supported by J. Fream, and passed by voice vote without dissent, that the Board of Control table the FY 2012-2013 General Fund Operating Budget, and to hold a Special Meeting on Thursday, June 21 at 10:00 a.m. in Houghton to approve the 2012-2013 General Fund Operating Budget.

V-J. Approval of the Strategic Plan

Chair Richardson thanked the faculty and staff for all of their efforts in updating the strategic plan and to the Board as well, as this document has been under review over the past year and input has been given by many different constituencies. Ms. Ashford pointed out that as we move forward there will continue to be revisions to the strategic plan.

It was moved by L. Ashford, supported by P. Ollila, and passed by voice vote without dissent that the Board of Control adopts the revised Michigan Tech Strategic Plan as presented.

The Strategic Plan

MISSION

We prepare students to create the future.

VISION

Michigan Tech will grow as a premier technological research university of international stature, delivering education, new knowledge, and innovation for the needs of our world.

GOALS

Michigan Tech will be a leader in creating solutions for society’s challenges through education and interdisciplinary endeavors that advance sustainable economic prosperity, health and safety, ethical conduct, and responsible use of natural resources in Michigan, the nation, and the world. We will attract exceptional faculty,
staff, and students who understand, develop, apply, manage, and communicate science and technology – all with the goal of a prosperous, sustainable world.

Michigan Tech will be respected and recognized by leaders in education, science, and engineering, government, business, and society for our ability to inspire students, advance knowledge, innovate, and foster economic growth. Our success will be measured by the accomplishments and reputation of our graduates and by the national and international impact of our research and scholarly activities.

GOAL 1: A world-class and diverse faculty, staff, and student population.

1.1 Outstanding professional environment for all members of the Michigan Tech community.

- provide competitive compensation, recognition, and rewards to attract, retain, and support faculty and staff;
- support professional development and leadership opportunities for faculty, staff, graduate, and undergraduate students;
- recruit, retain, support, and recognize bright, motivated, and adventurous students.

1.2 A diverse, inclusive, and collegial environment.

- Inspire an engaged community that actively seeks improvement through acceptance and understanding;
- develop and implement initiatives to increase diversity and opportunities for dual-career faculty and staff;
- promote mutual appreciation and collaborative opportunities among academic disciplines.

1.3 Exceptional infrastructure, rich cultural environment, and a welcoming, aesthetically pleasing campus.

- Provide exceptional technology and laboratory facilities that promote research and innovation;
- create infrastructure that is technologically and ecologically superior;
- implement high quality services that are efficient and responsive;
  - use resources, laboratories, and equipment safely and to maximum effectiveness.
GOAL 2: A distinctive and rigorous discovery-based learning experience grounded in science, engineering, technology, sustainability, the business of innovation, and an understanding of the social and cultural contexts of our contemporary world.

2.1 Integration of research, instruction, and innovation that achieves the University Student Learning Goals.

- expand research, service-learning, and international opportunities for students;
- strengthen existing programs and develop new offerings in emerging interdisciplinary areas.

2.2 Transformative educational experience grounded in a high-tech, high-touch, residential environment.

- encourage and support innovative, efficient, and technology-based means of delivering instruction and enhancing learning;
- develop student creativity, leadership, team building abilities, critical thinking skills, and ethical awareness.

2.3 Graduates with the ability to respond to the needs and challenges of the 21st century.

- promote civic responsibility and connections to public policy issues;
- enhance students’ global literacy;
- improve students’ communication skills.

GOAL 3: World-class research, scholarship, entrepreneurship, innovation, and creative work that promotes sustainable economic and social development in Michigan, the nation, and the world.

3.1 Growth in research and graduate education.

- increase external support for research and scholarship;
- expand Ph.D. enrollments and degrees granted;
- increase residential and non-residential master’s offerings and enrollment
- enhance recognition of our scholarly accomplishments;
- encourage and value interdisciplinary activities.

3.2 Innovation and economic and social development in Michigan the nation, and the world.

- expand entrepreneurship in graduate and undergraduate programs;
- support workforce development through K-20 collaborations to offer education,
access, and entrepreneurship opportunities;
• encourage and support technology transfer and start-up businesses emerging from faculty, staff, and student expertise and scholarly activity;
• expand international engagement through collaborations with universities, industry, and government;
• increase cross-cultural exchanges to promote understanding and discovery of new knowledge.

V-K. Approval of University Senate Constitution

It was moved by K. Clark, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the University Senate Constitution proposed changes which were ratified by an 88% affirmative vote of the total cast by its constituencies on April 4, 2012.

The amended University Senate Constitution shall read as follows:

CONSTITUTION OF THE UNIVERSITY SENATE
OF
MICHIGAN TECHNOLOGICAL UNIVERSITY

ARTICLE I – NAME

The name of this organization shall be The University Senate of Michigan Technological University.

ARTICLE II – CONSTITUENTS

A. The University Senate’s constituency is the University’s academic and research faculty and professional staff, including staff employed at independent research units. These groups meet and operate as a unit under a single Constitution and By-laws, with a single set of University Senate officers and committees. Voting on certain issues will be confined to one of these groups, as defined in Article III below.

B. Individuals:

1. University Senate constituents are University professional staff and faculty who are employed full time for a minimum of 9 months per year, unless otherwise excluded because of major administrative functions (see paragraph 4 below). Full time is defined as a minimum of 30 hours per week.

2. Faculty Constituents:

   Academic faculty shall be constituents of the University Senate, unless otherwise excluded. The academic faculty are individuals holding a rank
a. of instructor, lecturer, assistant professor, associate professor or professor for a minimum of nine months full-time.

b. Research faculty shall be constituents of the University Senate, unless otherwise excluded, and will be represented by the Faculty Senator elected from the department in which they are appointed. The research faculty are individuals holding a rank of research assistant professor, research associate professor, or research professor for a minimum of nine months full-time.

c. Department chairs and associate deans shall be constituents of the University Senate but may not serve as Senators or Alternates or as members of University Senate committees.

3. Professional Staff Constituents:

a. Professional staff including members of independent research units, shall be constituents of the University Senate, unless otherwise excluded because of major administrative functions as defined in the By-laws (independent research units are not administered by one or more academic departments).

b. The By-Laws shall contain procedures for identifying the University professional staff membership and for resolving problems of constituency of individuals not clearly specified in this Article.

4. The University President, Provost, Vice Provosts, Vice Presidents, Chief Financial Officer, and all deans and equivalent directors, shall not be constituents of the Senate.

C. Representation Units:

1. Each constituent of the Senate shall be a member of one representation unit. A senator elected by members of each unit shall represent each unit. The units and their included constituents are:

a. Academic Departments. Academic and research faculty holding appointments in an academic department or school shall be the only faculty constituent members of that department or school.

b. Research Units and Professional Staff:

1) The Senate’s Professional Staff Policy Committee will define the composition of the professional staff and independent research representation units.

2) There shall be no more than 12 professional staff representation units, including independent research units. One of the units shall be the Library. The other eleven shall be composed as defined by the By-laws. The groupings of the professional staff units are only for Senate
representation. The reporting structures of constituents within any one unit may differ.

3) All Senate constituents employed in an independent research unit shall be constituent members of that unit. A research unit may be included as part of another constituent unit.

4) Senate constituents as defined above who are not constituent members of an academic department or research unit shall be members of a professional staff representation unit.

2. In cases where a constituent is eligible to belong to more than one unit, that person will permanently select one unit and inform the Senate Secretary of that selection.

3. The representation units shall be listed in the By-laws. The By-laws shall contain procedures for reviewing and updating the list as recommended by the Professional Staff Policy Committee.

ARTICLE III - FUNCTIONS

A. The Senate is the representative body for its constituents and speaks on their behalf on matters under the Senate’s jurisdiction. The Senate shall establish, review, and recommend policy and procedures on matters under its jurisdiction. The Senate also is the principal forum for discussion of any matters of interest to the university community.

B. The Senate shall have the responsibility and the authority to review and establish policy in some matters, and to review and make recommendations in other matters. The University President, the Board of Control, or their designated representatives may stipulate additional areas in which the Senate shall have responsibility and authority.

C. By its approval of this constitution, the Board of Control relinquishes none of its constitutional or statutory authority.

D. Section F of this article lists matters in which the Senate has the responsibility and the authority to review and establish policy. Normally, the Board of Control will approve policy in these areas only after it receives policy proposals approved by the Senate.

E. For matters in which the Senate has the responsibility and the authority to review and establish policy, proposals shall be submitted to the Board of Control following these procedures.

1. Policy proposals that originate with the University President (or designated representatives) shall be presented to the Senate for review and approval before being submitted to the Board of Control.
2. Likewise, proposals approved by the Senate shall be transmitted to the University President for approval.

3. Proposals approved by the Senate and the University President shall be submitted by the University President to the Board of Control. It is the responsibility of the Senate officers to ensure such submission.

4. Proposals approved by the Senate may be vetoed by the University President within three months (not including the time from the end of the Spring semester of one academic year to the start of the Fall semester of the next academic year) of their transmittal to the University President.

5. If the University President vetoes a proposal passed by the Senate, that veto shall be presented in writing to the Senate President. The Senate President shall report the veto to the Senate at its next meeting. The Senate may appeal the veto to the Board of Control upon a two thirds majority vote of eligible senators. Written notice of the appeal shall be transmitted immediately to the University President who shall submit a written copy of the veto to the Board of Control. The Senate President shall also submit a written copy of the Senate’s appeal to the Board of Control.

6. If, within three months (not including the time from the end of the Spring term of one academic year to the start of the Fall term of the next academic year) of transmittal to the University President, a proposal passed by the Senate is neither vetoed nor approved by the University President, the proposal will be deemed approved by the University President, and will be submitted by the Senate President to the Board of Control for its approval. Procedures for temporarily extending the three-month period for particular proposals shall be contained in the By-laws.

F. List of Matters of Responsibility and Authority

1. Matters of Academic Policy and Procedures
   a. The Senate has the responsibility and authority to review and establish policy and procedures in these areas:

      1) All curricular matters, including establishment, dissolution, and changes in degree programs.
      2) Requirements for certificates and academic degrees.
      3) Regulations regarding attendance, examinations, grading, scholastic standing, probation, and honors.
      4) Teaching quality and the evaluation of teaching.
      5) All matters pertaining to the academic calendar.
6) The appointment, promotion, tenure, dismissal, and leaves of the academic faculty.

7) Criteria for positions that are to be accorded academic rank.

8) Academic freedom: rights and responsibilities.

9) Regulations concerning the awarding of honorary degrees.

10) Procedures for the selection of Deans and Department Chairs.

11) Requirements and criteria for unit charters for each academic department.

12) Other areas under authority as may be granted by the Board of Control, the University President, or their designated representative.

b. The Senate has the responsibility to review, make recommendations, initiate, and participate in the formulation of policy and procedures in these areas:

   1) Academic organization, including the establishment or elimination of schools, colleges, or departments, and the reorganization of the academic structure.

2. Matters of Research Policy and Procedures

   a. The Senate has the responsibility and authority to review and establish policy and procedures in these areas:

      1) All issues and performance other than the allocation and distribution of resources.

   b. The Senate has the responsibility to review, make recommendations, initiate, and participate in the formulation of policy and procedures in these areas:

      1) Allocation and distribution of unrestricted funds made available to the university for discretionary allocation in support of research or scholarly work.

3. Matters of Policy and Procedures Concerning Professional Staff

   a. The Senate has the responsibility to review, make recommendations, initiate, and participate in the formulation of policy and procedures in these areas:

      1) All issues of concern only to professional staff.
4. Other Matters of Policy and Procedure

a. The Senate has the responsibility and authority to review and establish policy and procedures in these areas:

1) Internal function of the Senate, including By-laws, committee structure, etc.

2) Other areas under authority as shall be granted by the Board of Control, the University President, or their designated representative.

b. The Senate has the responsibility to review, make recommendations, initiate, and participate in the formulation of policy and procedures in these areas:

1) Fringe benefits.

2) Institutional priorities.

3) Allocation and utilization of the university’s human, fiscal, and physical resources.

4) The J.R. Van Pelt Library, computing facilities, audiovisual support, E.R. Lauren Bookstore, Seaman Museum, etc. as they affect scholarly, instructional, and research activities.

5) Admission standards and procedures.

6) Student financial aid.

7) Selection of the University President, the Provost, and other major university-wide administrators.

8) Administrative procedures and organizational structure.

9) The evaluation of administrators.

10) All areas of student affairs not mentioned specifically above, including their effect on the educational process and on academic achievement.

G. Voting on the various matters shall be limited to subsets of senators and their constituents. (Reference is made to Section F of this article).

1. Only Faculty Senators or their Alternates, including at-large Faculty Senators, may vote on academic matters.
2. Only Faculty Senators or their Alternates, including at-large Faculty Senators, and Professional Staff Senators representing independent research units or their Alternates may vote on research matters.

3. Only Professional Staff Senators or their Alternates, including at-large Professional Staff Senators, may vote on matters affecting the professional staff.

4. All Senators or their Alternates may vote on Senate matters affecting the entire university.

5. All Senators or their Alternates may vote in Senate committee deliberations.

6. The By-laws shall include procedures for classifying the academic, research, staff, and other matters brought before the Senate.

H. As part of its functioning, the Senate should coordinate its activities and cooperate with appropriate representative groups of faculty, staff, and students on campus.

ARTICLE IV – MEMBERSHIP

A. Number and Composition – Membership in the Senate shall be determined as follows:

1. One senator and one alternate elected by and from the academic and research faculty of each academic department.

2. One senator and one alternate elected by and from each of the professional staff and research unit representation units.

3. Alternate members shall serve with vote in the absence of the regular representative.

4. Four at-large academic and research faculty senators shall be elected by the entire faculty constituency.

5. Two at-large professional staff senators shall be elected by the professional staff and research unit constituencies.

6. Academic department representation units and academic and research faculty senators at-large shall comprise at least 60 percent of the Senate’s total membership.

7. Official non-voting liaison members from units designated by the Senate and listed in the By-laws.

B. For election to the Senate a two-year residence shall be required except for ROTC personnel and representation units having fewer than three members meeting this requirement.
C. Election and Terms of Office

1. The term of office of elected senators and alternates shall be three years except as set forth in Paragraph 3 below. After serving for six consecutive years as a senator and/or alternate, an individual shall not be eligible for re-election for a period of one year. Representation units may ask the Senate Executive Committee to waive these term limits.

2. The election years shall be distributed as equally as possible among the various representation units and at-large positions.

3. Election of senators shall be held in the spring of each year. The term of office shall commence at the beginning of the following fall term. Vacancies in at-large membership created by resignation or otherwise may be filled by appointment by the President of the Senate until the next election, at which time vacancies shall be filled for the unexpired terms by elections.

ARTICLE V – OFFICERS

The officers of the Senate shall be a President, Vice-President, and Secretary. Their duties shall be defined in the By-laws. These officers shall be chosen by the continuing senators and the senators-elect following the annual spring elections in a manner described in the By-laws. The officers-elect of the Senate shall assume their duties on the Monday before the first week of instruction in the fall term.

ARTICLE VI – COMMITTEES

A. The number, responsibilities and membership of committees of the Senate shall be determined by the Senate using procedures contained in the By-laws.

B. Committee chairs shall be senators or alternates.

ARTICLE VII – PROCEDURE

A. The business of the Senate shall be conducted according to Robert’s Rules of Order when these are not in conflict with the By-laws of the Senate.

B. The full Senate, by two-thirds majority vote, shall rule on interpretation of ambiguous language in this Constitution and the By-laws. Such interpretations shall be considered as amendments to the By-laws.

ARTICLE VIII – PETITIONS AND BALLOT INITITATIVES

A. Petitions may be submitted to the Senate by constituents to require:

1. An immediate vote on policy proposals specified in the petition; or
2. That a Ballot Initiative (or referendum) of eligible constituents be conducted immediately as a challenge to some vote of the Senate.

B. Such petitions must be signed by at least 20 percent of constituents eligible to vote on the matter. (Reference is made to Article III, Section G).

C. A majority of eligible Senators may vote to require a Ballot Initiative of eligible constituents.

D. The President of the University or the Board of Control or their designated representatives can request a Ballot Initiative on a designated issue other than the appeal of a presidential veto.

E. The By-laws shall contain procedures for the conduct of Ballot Initiatives.

ARTICLE IX – MEETINGS

The Senate shall meet at least once during each term of the regular academic year, in meetings scheduled before the end of Spring term of the preceding academic year. Additional meetings shall be called by the Senate President as needed, or upon written request of 20% of senators. All meetings shall be open.

ARTICLE X – AMENDMENTS

Amendments to this Constitution may be proposed at any meeting. If passed both at this meeting and at any subsequent meeting within six calendar months by a two-thirds majority, the proposed amendment shall be submitted to the Senate Constituency. Ratification shall require a two-thirds majority. The amendment shall then become effective upon approval by the Board of Control.

ARTICLE XI – BY-LAWS

A. Approval of and amendments to the By-laws shall require a two-thirds majority vote of the full Senate.

B. A proposed change to the By-laws must be distributed to senators at least 10 calendar days before the meeting at which it is to be considered for approval.
V-L. Approval for Financing and Purchase of a Campus ID Card System

It was moved by S. Hicks, supported by J. Fream, and passed by voice vote without dissent, that the Board of Control approves short-term financing and the purchase of a new Campus ID Card System and wireless network upgrade, at a total purchase price, including financing, not to exceed $1,000,000.

VI. REPORTS

A. Research and Sponsored Programs Report – Dr. David Reed, Vice President for Research
B. University Senate Report – Dr. Rudy Luck, President
C. Undergraduate Student Government Report – Mr. Eli Karttunen, President
D. Graduate Student Government Report – Ms. Margo Woller-Carter, President & Mr. Kevin Cassell President-Elect

Copies of these reports were included in the agenda book.

VII. INFORMATIONAL ITEMS

A. Analysis of Investments
B. University Issued Bond Balances
C. Research and Sponsored Programs
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 public comments at this time.

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

It was moved by K. Clark, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control proceed into closed session for a periodic personnel evaluation of President Mroz. (A closed session for such a purpose is provided for in Section 8 (a) of P.A. 267 of 1976). (A roll call vote is required).
Roll Call Vote:

Richardson – Yes  Hicks - Yes
Ashford – Yes  Ollila - Yes
Fream – Yes  Clark - Yes
Baldini – Yes  Woychowski - Yes

The motion passed.

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

XI. ADJOURNMENT

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

_______________________________________
Secretary of the Board of Control

___________________________________
Chair, Board of Control