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

Meeting of
July 16, 2009
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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 eight thirty o’clock on the morning of July 16, 2009.

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 8:30 a.m., on the 16th day of July, 2009, 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, R. Gronevelt, and a quorum was declared
present.

The following members of the Board of Control were present:

R. A. Gronevelt, Chair
L. D. Ashford
T. L. Baldini
K. I. Clark
S. J. Hicks
P. G. Ollila
R. A. Reck
M. K. Richardson
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; Max Seel, Provost and Vice President for Academic Affairs; David D.
Reed, Vice President for Research; Shea McGrew, Vice President of Advancement and
Marketing; Les Cook, Vice President for Student Affairs; 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. OPENING REMARKS

Chair’s Comments

Good morning and welcome to today’s Board of Control meeting. I will try to keep my remarks brief, as I know that after being together for the last several days my fellow Board members are anxious to get down to business today.

As many of you know, the Board and senior administration has been in a retreat focusing on where Michigan Tech should be in the future and how our strategic plan can provide the mechanism to achieve the outlying goals.

President Mroz kicked off the retreat by reviewing the strategic planning process, including how we express our vision, what is our strategic plan for achieving our vision, and how we will measure our success. In addition, he talked about what we achieved in 2008-2009, what the plans are for 2009-2010 and the major challenges ahead.

The retreat was energizing and we are looking forward to meeting the challenges that lay ahead. Although we are experiencing difficult economic times, we are confident that by continuing to follow our strategic plan we will be able to weather the storm and come out a better university.

I would like to take a few moments to highlight the excellent progress which is continuing to be made throughout the university.

Professor Ulrich Hansmann of the Physics Department and leader in computational and biophysics research received the 2009 Michigan Tech Research Award. Dr. Hansmann developed seminal numerical techniques for modeling the workings of living cells and led efforts to apply computational algorithms to protein physics. He recently was named a Fellow of the American Physical Society, a recognition of excellence by his peers and one of the highest honors in his field.

Associate Professor Dean Johnson of the School of Business and Economics received the 2009 Distinguished Teaching Award in the associate professor/professor category, and Senior Lecturer Sean Clancy of the Department of Chemical Engineering received the award in the lecturer/assistant professor category.

As a result of Dr. Jeff Naber’s work with advanced power systems, Michigan Tech has been named as a provider of the Advanced Propulsion for Hybrid Vehicles with Concentration in Battery Engineering Training Program by the Governing Board for the Michigan Academy for Green Mobility. Michigan Tech in conjunction with the State of Michigan, and the Michigan Academy for Green Mobility will work together in developing an engineering workforce with the specific knowledge and skills to design and manufacture automobiles for the 21st Century.

Senator Carl Levin announced that the National Defense Authorization Bill for Fiscal Year 2010 includes a $2 million research project to develop sensing and data processing methods
to combine information from a variety of battlefield sensors to provide warfighters with an enhanced view of the battlefield and improved threat warning in urban environments. The Bill was passed by the Senate Armed Services Committee and has been sent to the full Senate for consideration and approval.

I would also like to congratulate Michigan Tech's Blizzard Baja Enterprise for finishing the three-part Baja SAE collegiate design competition at the top, with more points than any other competitor. Michigan Tech earned the Mike Schmidt Memorial Iron Team Award, given to the team with the most combined points after all three North American Baja SAE events. Michigan Tech finished eighth in Alabama, second in Oregon and, most recently, sixth in Wisconsin against a field of 99 teams. This is the first time a Michigan Tech team has taken the Iron Team award since 1981, when the University first entered Baja SAE competition.

In addition, Suzanne Sanregret was selected by the National Association of Collegiate Directors of Athletics as Athletic Director of the Year for the U.S. Central Region. Since becoming the first woman to hold the athletic director position at Tech in May 2005, Suzanne has continued the program's high level of athletic and academic success. Eight teams and numerous individuals have qualified for the NCAA Championships over the last four years. Dozens of student-athletes have been recognized nationally for their academics. Overall in 2007-08, Michigan Tech had the most student-athletes with at least a 3.5 grade point average of any institution in NCAA Division II.

In an effort to make more efficient use of our time, beginning with today's meeting we have added a Consent Agenda to our meeting which will allow the Board to combine all of the routine matters that generally do not require discussion or debate into one resolution. Utilizing a Consent Agenda will allow the Board more time for discussion on the other agenda items. Hopefully, this will be a smooth transition, and we will find out very shortly how successful it will be.

Before I turn it over to President Mroz for his opening remarks, we would like to wish Kathy Clark a happy birthday.

**President's Comments**

I want to thank the Board of Control for a very productive retreat, and the degree of openness and candor was amazing.

It is an understatement to say that these are difficult times in our state, nationally, and for the most part worldwide. However, it is precisely these times when what the faculty, staff and students do at Michigan Tech, and can do, becomes of critical importance and it is precisely these times when we need to follow our plan.

Sure, you can solve some problems by making snap judgments about not doing things, but more often solutions only come through a sustained effort of looking critically at what we do and how we do it, not to blame but to change. Changing to innovative and sustainable approaches and processes in all that we do so that we – all of us students, faculty, staff and
Board, leave the tools in place so that current and future generations at Michigan Tech can continue to serve humanity. And, I’m pleased to say that we’ve been doing that for several years.

We have a short but impactful strategic plan and all of you have worked hard on it, but most importantly, you’ve used it as the guide in your decision making, development of budgets and the allocation of resources. Today, we are presenting an update of that plan to the Board for their consideration and final approval.

We are also presenting a budget for the year that mirrors the goals of that plan and recognizes key priorities:

- The people of Michigan Tech – Board, students, faculty and staff
- The distinctive programs
- And the support of scholarship, innovation, creativity and research

These set the tone and send the message that despite what are for many of us, unprecedented economic conditions, we will continue to make sound decisions based on the priorities of our plan. Every minute and every hour of every day that we are the stewards of the idea and the institution that is Michigan Tech.

II. COMMITTEE REPORTS

Academic Affairs Committee Report

Ms. Ashford, Chair of the Academic Affairs Committee, provided the Board with the following report.

On Tuesday afternoon, the Academic Affairs Committee met, and Marty, Paul and I attended the meeting.

Provost Max Seel reported that the State Academic Affairs Council approved at its June meeting all programs submitted by Michigan Tech. The Board of Control gave its first approval at its May meeting and the Academic Affairs committee recommends final approval at today’s meeting later on the agenda.

In conjunction with the approval of new programs, Max mentioned that the Provost office will also analyze course offerings, majors, and minors to determine possible drops, combinations, program suspensions and/or phase-outs. He started a self-review process with the chairs and deans of the colleges and schools. These reviews will take into account the diversity of academic programs and their multifaceted contributions to the overall mission of the university. The suggested criteria to guide the audit include centrality, cost effectiveness, internal and external demand, impact, productivity, quality and size.

Max also recommended approval of a tenured associate professor appointment for Dr. Adrienne Minerick. She is currently Vice President of the American Electrophoresis Society
and Director of the Chemical Engineering Division of the American Society for Engineering Education. She will come to Tech with an NSF career award. Tenure has been endorsed by the dean of Engineering, the departmental and the college committee. The Academic Affairs committee recommends to the full Board that tenure be approved for Dr. Adrienne Minerick.

The main topic was to brief the Committee on Michigan Tech's accreditation process and progress. Assistant Provost Donna Michalek gave a brief overview of AQIP (Academic Quality Improvement Program) and reviewed the 2009 Systems Portfolio which was submitted in June for review.

The Academic Quality Improvement Program is an alternative process through which an already accredited institution can maintain its accreditation with the Higher Learning Commission. The Executive Team chose this route for accreditation because it's an embedded process not a "once-in-ten-year" event. It blends continuous improvement with university accreditation. It nurtures congruency between accreditation and strategic plan.

Development of Michigan Tech's first AQIP Systems Portfolio was a campus-wide effort. Nine focus groups, consisting of over 100 faculty, staff, and administrators, provided input on the processes used across campus and the results that are collected and analyzed to measure the effectiveness of those processes.

Numerous recent improvements, including the results of three completed AQIP Action Projects, are also included in the document. Before submission of the Systems Portfolio the Executive Team reviewed the entire document and completed the required self-evaluation. The Higher Learning Commission is currently reviewing the document. Michigan Tech will receive a Systems Appraisal in September that will provide us with written, actionable feedback that can be used to create strategies and actions that will assist us with the achievement of our strategic goals.

This Systems Portfolio has produced a valuable document which will give the reader a good idea of Michigan Tech's processes. The Academic Affairs committee would like to extend its compliments to everyone who participated in this important accreditation effort.

The Provost then gave a brief update on the Strategic Faculty Hiring Initiatives with last year's Sustainability theme and this year's Computational Discovery and Innovation topic. We were able to hire 6 faculty in Sustainability all of whom are off to an excellent start. 3 internal senior faculty with international reputation were named to Robbins endowed chairs.

So far, we have signed 6 faculty in Computational Discovery and Innovation. Negotiations with a seventh candidate are still underway. The search for the Dave House and the William and Gloria Jackson Endowed Professorships will continue next year.

**Finance and Audit Committee Report**

Mr. Hicks, Chair of the Finance and Audit Committee reported that the Finance and Audit Committee met Tuesday, and the Committee has also had a number of conference calls and in person meetings prior to the Tuesday meeting, focusing on the fiscal 2010 budget along with looking at the five year budget.
The budget is put together in line with the strategic plan. There are also cost efficiencies that the team has put in place. The plan consists of a positive current fund balance that the Committee is going to recommend to the Board of $524,000, which consists of the general fund, designated funds, auxiliary fund and retirement and insurance fund.

The key components of the revenue are the State of Michigan appropriations, tuition and fees and research. The State of Michigan is going to decrease its funding by 3%, but we will be positively impacted by an increase in stimulus money of $1.2 million. $49.2 million will be coming in from the State appropriations, which is approximately flat with fiscal 2009 funding. Research is going to be roughly about $49 million which is up from about $43 million in fiscal year 2009. The tuition revenue, which is a unanimous recommendation from the Committee, is a 5.4% increase, along with a 4.8% increase in room and board, and an undergraduate out-of-state and graduate tuition increase of 5%.

Mr. Hicks reminded the Board that there is also a give back of $34 million in scholarships. In looking at the total tuition budget for fiscal 2010 of $96 million, 35% of that is for scholarships which are given back to the students. The $34 million in scholarships equates to about 15% of the total cost line. Mr. Hicks commended the University for giving back that significant amount of tuition in scholarships.

The expenses are aligned with the strategic plan and the strategic hiring initiative. There is also a focus on cost efficiencies and, again, the current fund is projected to have a positive balance of $524,000.

In addition, the Committee met with the external auditors to discuss the 2009 audit, scope and process.

**ADDITION TO THE AGENDA**

President Mroz added a Closed Session for Real Property Transactions to the regular agenda after the Public Comments.

**III. CONSENT AGENDA**

It was moved by K. Clark, supported by R. Reck, and passed by voice vote without dissent, that the Board of Control approve and adopt the items contained in the Consent Agenda.

A. Approval of Minutes
B. Final Approval for a Ph.D. and M.S. in Applied Cognitive Science and Human Factors
C. Final Approval for a Bachelor of Science in Management
D. Final Approval for a Bachelor of Science in Operations and Systems Management
E. Final Approval for a Bachelor of Science in Finance
F. Final Approval for a Bachelor of Science in Marketing  
G. Final Approval for a Bachelor of Science in Management Information Systems  
H. Final Approval for a Bachelor of Science in Accounting  
I. Gifts*  
J. Resignations, Retirements and Off Payroll*  
K. Michigan Technological University/Michigan Tech Fund Agreement*

*Supplemental Information Included Below

Michigan Technological University  
Michigan Tech Fund  
Gift Activity Cash Report  
July 1, 2008 through May 31, 2009  
Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY08 YTD Total</th>
<th>FY09 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>5,627,055</td>
<td>6,743,533</td>
<td>-916,478</td>
<td>-13.6%</td>
</tr>
<tr>
<td>Realized Planned Gifts (current year)</td>
<td>497,164</td>
<td>369,159</td>
<td>108,005</td>
<td>27.8%</td>
</tr>
<tr>
<td>Current Year Subtotal</td>
<td>6,124,220</td>
<td>7,112,692</td>
<td>-988,472</td>
<td>-14.3%</td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>1,791,065</td>
<td>1,269,082</td>
<td>451,983</td>
<td>25.2%</td>
</tr>
<tr>
<td>Realized Planned Gifts (previously recorded)</td>
<td>94,687</td>
<td>361,088</td>
<td>266,401</td>
<td>283.8%</td>
</tr>
<tr>
<td>Receipts from Previous Year Subtotal</td>
<td>1,885,752</td>
<td>1,630,170</td>
<td>255,582</td>
<td>15.5%</td>
</tr>
<tr>
<td>Total</td>
<td>9,019,977</td>
<td>9,742,842</td>
<td>-622,865</td>
<td>-6.5%</td>
</tr>
</tbody>
</table>
Michigan Technological University  
Michigan Tech Fund  
Fundraising Productivity Report  
July 1, 2008 through May 31, 2009  
Compared to Prior Year

<table>
<thead>
<tr>
<th>Source</th>
<th>Goal</th>
<th>FY09 YTD Total</th>
<th>% YTD</th>
<th>FY08 YTD Total</th>
<th>FY08 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals - Major Gifts (25K and up)</td>
<td>27,000,000</td>
<td>10,896,553</td>
<td>40%</td>
<td>4,218,770</td>
<td>4,365,000</td>
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<tr>
<td>Realized Planned Gifts (Unanticipated - 25K and up)</td>
<td>454,069</td>
<td>1,287,937</td>
<td>127%</td>
<td>1,116,577</td>
<td>790,482</td>
</tr>
<tr>
<td>Individuals - non-Major Gifts</td>
<td>1,000,000</td>
<td>1,204,800</td>
<td>14%</td>
<td>1,000,000</td>
<td>1,000,000</td>
</tr>
<tr>
<td>Full Value New Planned Gift Commitments</td>
<td>2,000,000</td>
<td>2,000,000</td>
<td>100%</td>
<td>2,000,000</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>1,610,000</td>
<td>1,425,869</td>
<td>89%</td>
<td>1,425,869</td>
<td>1,548,333</td>
</tr>
<tr>
<td>Corporations</td>
<td>4,070,000</td>
<td>1,585,440</td>
<td>39%</td>
<td>2,002,724</td>
<td>2,285,276</td>
</tr>
<tr>
<td>Foundations &amp; Other Organizations</td>
<td>600,000</td>
<td>290,560</td>
<td>49%</td>
<td>290,560</td>
<td>411,731</td>
</tr>
<tr>
<td>Gifts-in-kind</td>
<td>620,000</td>
<td>922,665</td>
<td>149%</td>
<td>922,665</td>
<td>749,629</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>48,000,000</strong></td>
<td><strong>18,466,112</strong></td>
<td><strong>43%</strong></td>
<td><strong>22,768,776</strong></td>
<td><strong>26,760,626</strong></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

BOARD OF CONTROL OFF-PAYROLL REPORT  
(April 1, 2009 – June 13, 2009)

<table>
<thead>
<tr>
<th>Faculty</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>OFF PAYROLL</strong></td>
<td><strong>Department</strong></td>
<td><strong>Title</strong></td>
<td><strong>Hire Date</strong></td>
<td><strong>Term Date</strong></td>
<td></td>
</tr>
<tr>
<td>Al Jaradieh, Jihad</td>
<td>Mathematical Sciences</td>
<td>Visiting Associate Professor</td>
<td>08/17/08</td>
<td>05/02/09</td>
<td></td>
</tr>
<tr>
<td><strong>RESIGNATION</strong></td>
<td><strong>Department</strong></td>
<td><strong>Title</strong></td>
<td><strong>Hire Date</strong></td>
<td><strong>Term Date</strong></td>
<td></td>
</tr>
<tr>
<td>Strizhukova, Yuliya</td>
<td>Business &amp; Economics</td>
<td>Assistant Professor</td>
<td>08/12/07</td>
<td>05/08/09</td>
<td></td>
</tr>
<tr>
<td>Van Dam, Thomas</td>
<td>Civil &amp; Env Eng</td>
<td>Associate Professor</td>
<td>01/30/95</td>
<td>05/13/09</td>
<td></td>
</tr>
<tr>
<td><strong>DECEASED</strong></td>
<td><strong>Department</strong></td>
<td><strong>Title</strong></td>
<td><strong>Hire Date</strong></td>
<td><strong>Term Date</strong></td>
<td></td>
</tr>
<tr>
<td>Honrath, Richard</td>
<td>Geo &amp; Mining Eng &amp; Sci</td>
<td>Professor</td>
<td>08/01/92</td>
<td>04/17/09</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Staff</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>NON-EXEMPT</strong></td>
<td><strong>Department</strong></td>
<td><strong>Title</strong></td>
<td><strong>Hire Date</strong></td>
<td><strong>Term Date</strong></td>
<td></td>
</tr>
<tr>
<td>Myllyla, Janet</td>
<td>Registrar’s Office</td>
<td>Office Assistant 3</td>
<td>01/26/09</td>
<td>04/18/09</td>
<td></td>
</tr>
<tr>
<td>Knotz, Suzanne</td>
<td>Forest Resc &amp; Env Sci</td>
<td>Executive Secretary</td>
<td>02/13/88</td>
<td>04/30/09</td>
<td></td>
</tr>
<tr>
<td>Mattson, Christine</td>
<td>Human Resources</td>
<td>Administrative Assistant</td>
<td>09/05/00</td>
<td>05/08/09</td>
<td></td>
</tr>
<tr>
<td>Parks, Arnold</td>
<td>Residence Hall Facilities</td>
<td>Trades Helper</td>
<td>12/07/78</td>
<td>05/16/09</td>
<td></td>
</tr>
<tr>
<td>Barkell, David</td>
<td>Facilities Bldg Custodial</td>
<td>Custodian</td>
<td>10/02/89</td>
<td>05/30/09</td>
<td></td>
</tr>
<tr>
<td>Block, Stefanie</td>
<td>Visual &amp; Performing Arts</td>
<td>Secretary 4</td>
<td>09/05/06</td>
<td>06/12/09</td>
<td></td>
</tr>
<tr>
<td><strong>EXEMPT</strong></td>
<td><strong>Department</strong></td>
<td><strong>Title</strong></td>
<td><strong>Hire Date</strong></td>
<td><strong>Term Date</strong></td>
<td></td>
</tr>
<tr>
<td>Barry, Andrea</td>
<td>Business &amp; Economics</td>
<td>Outreach Coordinator</td>
<td>04/17/06</td>
<td>04/03/09</td>
<td></td>
</tr>
<tr>
<td>Chase, Michael</td>
<td>Electrical &amp; Comp Eng</td>
<td>Research Associate</td>
<td>05/22/00</td>
<td>05/18/09</td>
<td></td>
</tr>
<tr>
<td>Crisman, Shellie</td>
<td>Enrollment Services</td>
<td>Sr Business Systems Analyst</td>
<td>06/12/06</td>
<td>06/02/09</td>
<td></td>
</tr>
</tbody>
</table>
AGREEMENT BETWEEN MICHIGAN TECHNOLOGICAL UNIVERSITY
AND THE MICHIGAN TECH FUND

This Agreement made September 1, 2009 between Michigan Technological University (“University”) and the Michigan Tech Fund (“Fund”).

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

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

WHEREAS, the planning and execution of a major fundraising campaign is a joint priority of the University and the Fund, and

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

IT IS AGREED:

1. In consideration of the support directly inuring to the benefit of the University from the activities of the Michigan Tech Fund, the University will provide to the Fund:

   a. access to the Tuition Reduction Incentive Program for Fund employees under the same terms and conditions as University personnel;

   b. administration of health benefits, life insurance, and AD&D insurance under the Tech Select program to Fund staff (for a reasonable annual fee to staff);

   c. supporting services including mail services, limited printing services, access to the phone network, and an internal audit of Fund transfers to the University;
d. access to the Banner system for maintenance and upkeep of the alumni/development database. The University will partially fund the alumni database maintenance conducted by the Fund.

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

3. This agreement shall terminate on August 31, 2010 and will be considered for renewal for successive one-year periods. The grant or denial of such renewal shall be at the sole discretion of the Board of Control of Michigan Technological University.

By:

______________________________________________
Michigan Technological University

By:

______________________________________________
Michigan Tech Fund

IV. ACTION/DISCUSSION ITEMS

IV-A. 2009-2010 General Fund Operating Budget

It was moved by S. Hicks, supported by T. Baldini, and passed by voice vote without dissent that the Board of Control approves the FY 2009-2010 General Fund Operating Budget, amends Board of Control policy 9.4. Tuition Rates accordingly, and authorizes the President to allocate salary adjustments, as he deems appropriate, to his direct reports consistent with the established guidelines for salary distribution at the university for the fiscal year 2009-2010.
Michigan Technological University  
General Fund  
General Fund FY09 Budget to FY10 Budget Comparison by Object  
In Thousands

<table>
<thead>
<tr>
<th>Budget Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY10</td>
</tr>
<tr>
<td>Operating Revenues</td>
</tr>
<tr>
<td>Tuition and Fees</td>
</tr>
<tr>
<td>Federal Grants and Contracts</td>
</tr>
<tr>
<td>State &amp; Local Government Grants &amp; Contracts</td>
</tr>
<tr>
<td>Nongovernmental Grants &amp; Contracts</td>
</tr>
<tr>
<td>Indirect Cost Recoveries</td>
</tr>
<tr>
<td>Educational Activities</td>
</tr>
<tr>
<td>Student Resident Fees</td>
</tr>
<tr>
<td>Sales and Services of Dept Activities</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Operating Expenses</td>
</tr>
<tr>
<td>Staff S&amp;W</td>
</tr>
<tr>
<td>Faculty S&amp;W</td>
</tr>
<tr>
<td>Grad Student S&amp;W</td>
</tr>
<tr>
<td>Undergrad Student S&amp;W</td>
</tr>
<tr>
<td>Fringe Benefits</td>
</tr>
<tr>
<td>Supplies &amp; Services</td>
</tr>
<tr>
<td>Scholarships</td>
</tr>
<tr>
<td>Utilities</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Transfers</td>
</tr>
<tr>
<td>Mandatory</td>
</tr>
<tr>
<td>Mandatory/Non-Mandatory</td>
</tr>
<tr>
<td>Intrafund</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Nonoperating Revenues (Expenses)</td>
</tr>
<tr>
<td>State Appropriations</td>
</tr>
<tr>
<td>Gift Income</td>
</tr>
<tr>
<td>Investment Income</td>
</tr>
<tr>
<td>Interest Expense</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Net income (Loss)</td>
</tr>
</tbody>
</table>
### Michigan Technological University

#### Tuition Rates

<table>
<thead>
<tr>
<th>Undergraduate Resident per credit rate</th>
<th>2008-09 Tuition Per Credit</th>
<th>Proposed 2009-10 Tuition Per Credit</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>$331</td>
<td>$350</td>
<td>$19</td>
<td></td>
</tr>
<tr>
<td>Undergraduate Non-Resident per credit rate</td>
<td>$723</td>
<td>$759</td>
<td>$36</td>
</tr>
<tr>
<td>Graduate Resident and Non-Resident per credit rate</td>
<td>$567</td>
<td>$595</td>
<td>$28</td>
</tr>
<tr>
<td>Graduate Resident and Non-Resident per credit rate for Applied Science Education and on campus Peace Corps students</td>
<td>$391</td>
<td>$411</td>
<td>$20</td>
</tr>
<tr>
<td>Graduate Resident and Non-Resident per credit rate for Graduate Students who are in the Research Only Mode</td>
<td>$189</td>
<td>$198</td>
<td>$8</td>
</tr>
<tr>
<td>Engineering/Computer Science Tuition fee per semester for Undergraduates taking fewer than 6 credits and Graduate students taking fewer than 5 credits</td>
<td>$285</td>
<td>$310</td>
<td>$25</td>
</tr>
<tr>
<td>Engineering/Computer Science Tuition fee per semester for Undergraduates taking 5 credits or more and Graduate students taking 5 credits or more</td>
<td>$570</td>
<td>$620</td>
<td>$50</td>
</tr>
</tbody>
</table>

**IV-B. 2009-2010 Room and Board and Apartment Rental Rates**

It was moved by S. Hicks, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control approves the recommended residence hall room and board, as well as apartment rental rates for 2009-2010, and amends Board of Control policies 9.10. Residence Hall Room and Board Rates and 9.11. Apartment Rental Rates to reflect these changes.
## Residence Hall Room and Board Rates for the Regular 2009-2010 Academic Year

<table>
<thead>
<tr>
<th>Residence Hall Room &amp; Board Rates</th>
<th>2008-2009 Room with Gold Meal Plan</th>
<th>Proposed Increase</th>
<th>2009-2010 Room with Gold Meal Plan</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Douglass Houghton Hall, McNair Hall</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Occupancy (Double, Triple Quad)</td>
<td>7,708.00</td>
<td>383.00</td>
<td>8,091.00</td>
<td>4.97%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>8,955.00</td>
<td>434.00</td>
<td>9,393.00</td>
<td>4.64%</td>
</tr>
<tr>
<td>Converted Occupancy (Standard plus one)</td>
<td>7,223.00</td>
<td>310.00</td>
<td>7,533.00</td>
<td>4.29%</td>
</tr>
<tr>
<td><strong>Wadsworth Hall</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Occupancy</td>
<td>7,936.00</td>
<td>372.00</td>
<td>8,308.00</td>
<td>4.69%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>9,176.00</td>
<td>434.00</td>
<td>9,610.00</td>
<td>4.73%</td>
</tr>
<tr>
<td>Quad Occupancy</td>
<td>7,708.00</td>
<td>383.00</td>
<td>8,091.00</td>
<td>4.97%</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>8,556.00</td>
<td>403.00</td>
<td>8,959.00</td>
<td>4.71%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>9,982.00</td>
<td>496.00</td>
<td>10,478.00</td>
<td>4.97%</td>
</tr>
<tr>
<td><strong>Franklin Square Inn w/ private bath (long term temporary housing) - no meal plan required</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Occupancy</td>
<td>4,929.00</td>
<td>310.00</td>
<td>5,239.00</td>
<td>6.29%</td>
</tr>
<tr>
<td>Single Occupancy</td>
<td>6,355.00</td>
<td>403.00</td>
<td>6,758.00</td>
<td>6.34%</td>
</tr>
<tr>
<td><strong>Residence Hall Room &amp; Board Rates Reduced Occupancy</strong></td>
<td>2008-2009 Room with Gold Meal Plan</td>
<td>Proposed Increase</td>
<td>2009-2010 Room with Gold Meal Plan</td>
<td>Percent Change</td>
</tr>
<tr>
<td>Quad to 2</td>
<td>8,184.00</td>
<td>403.00</td>
<td>8,587.00</td>
<td>4.92%</td>
</tr>
<tr>
<td>Quad to 3</td>
<td>7,874.00</td>
<td>372.00</td>
<td>8,246.00</td>
<td>4.72%</td>
</tr>
<tr>
<td>Triple to 1</td>
<td>8,029.00</td>
<td>310.00</td>
<td>9,393.00</td>
<td>3.86%</td>
</tr>
<tr>
<td>Wads Quad to 2</td>
<td>8,246.00</td>
<td>403.00</td>
<td>8,649.00</td>
<td>4.89%</td>
</tr>
<tr>
<td>Wads Quad to 3</td>
<td>8,091.00</td>
<td>403.00</td>
<td>8,494.00</td>
<td>4.98%</td>
</tr>
<tr>
<td>Triple Suite to 2</td>
<td>8,866.00</td>
<td>434.00</td>
<td>9,300.00</td>
<td>4.90%</td>
</tr>
<tr>
<td>DHH Quad Suite to 3</td>
<td>8,866.00</td>
<td>434.00</td>
<td>9,300.00</td>
<td>4.90%</td>
</tr>
</tbody>
</table>

Dining Notes:

Meal Plans are Unlimited Access with Dining Dollars
Platinum Meal Plan ($240 Dining Dollars) option, rates as recommended above, plus $155.00
Gold Meal Plan ($120 Dining Dollars) costs are shown above in Room and Board Rates
Silver Meal Plan ($50 Dining Dollars) option, rates as recommended above, less $217.00
University Apartment Rental Rates for the Regular 2009-2010 Academic Year

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Student Family Rates</strong> (rates are per apartment)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Month Calendar Year Contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td>482</td>
<td>24</td>
<td>506</td>
<td>4.98%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>537</td>
<td>27</td>
<td>564</td>
<td>5.03%</td>
</tr>
<tr>
<td>Three Bedroom</td>
<td>696</td>
<td>35</td>
<td>731</td>
<td>5.03%</td>
</tr>
<tr>
<td><strong>Staff and Faculty Rates</strong> (rates are per apartment)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Month Calendar Year Contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td>571</td>
<td>29</td>
<td>600</td>
<td>5.08%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td>629</td>
<td>32</td>
<td>661</td>
<td>5.09%</td>
</tr>
<tr>
<td>Three Bedroom</td>
<td>783</td>
<td>39</td>
<td>822</td>
<td>4.98%</td>
</tr>
<tr>
<td><strong>Single Student Rates</strong> (rates are per student)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 Month Academic Calendar Year Contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Bedroom</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 students</td>
<td>202</td>
<td>10</td>
<td>212</td>
<td>4.95%</td>
</tr>
<tr>
<td>2 students</td>
<td>288</td>
<td>15</td>
<td>303</td>
<td>5.21%</td>
</tr>
<tr>
<td>1 student</td>
<td>543</td>
<td>27</td>
<td>570</td>
<td>4.97%</td>
</tr>
<tr>
<td>Two Bedroom</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 students</td>
<td>202</td>
<td>10</td>
<td>212</td>
<td>4.95%</td>
</tr>
<tr>
<td>3 students</td>
<td>288</td>
<td>14</td>
<td>302</td>
<td>4.86%</td>
</tr>
<tr>
<td>2 students</td>
<td>401</td>
<td>20</td>
<td>421</td>
<td>4.99%</td>
</tr>
</tbody>
</table>

**IV-C. Appointment to Michigan Tech Fund Board of Directors**

It was moved by S. Hicks, supported by L. Ashford, and passed by voice vote without dissent, that Dr. Clark, Mr. Gronevelt and Mr. Brule be appointed to the Michigan Tech Fund Board of Directors.

**IV-D. Approval of Strategic Plan**

It was moved by R. Reck, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control adopts the 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 enrich lives and improve our world through interdisciplinary endeavors that span engineering, sciences and arts, technology, forestry, and business. Society demands sustainable economic prosperity, improved health and safety, ethical conduct, and responsible use of natural resources. Michigan Tech will be a leader in responding creatively to these challenges 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.

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

GOAL 1: Attract, retain, and support a world-class and diverse faculty, staff, and student population.

1.1 Provide an outstanding professional and cultural environment for all members of the Michigan Tech community.

• provide competitive compensation, recognize, and reward successful faculty and staff;
• support professional development and collaborative opportunities;
• recruit, enroll, support, and recognize bright, motivated, and adventurous students;

1.2 Cultivate a diverse, inclusive, and collegial environment.

• develop and implement campus and unit initiatives to increase diversity;
• ensure fair and equitable hiring, promotion, and student admission processes.

1.3 Provide exceptional infrastructure and a welcoming, aesthetically pleasing environment.

• create infrastructure that is technologically and ecologically superior;
• use resources, laboratories, and equipment safely and efficiently.

GOAL 2: Deliver 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 Provide dynamic discovery-based learning that integrates instruction, research, and innovation in undergraduate and graduate programs.

• expand funded research opportunities for students;
• incorporate and expand discovery-based programs in all curricula;
• expand opportunities for, and encourage participation in, international experiences;
• strengthen existing programs and develop undergraduate and graduate programs in new and emerging interdisciplinary areas;
• promote integrative and collaborative programs among academic units.

2.2 Cultivate intellectual diversity and a worldview adapted to the needs and challenges of the 21st century

• strengthen innovative student-centered activities, programs, and services;
• promote civic responsibility and connections to public policy issues through service-related learning and student engagement in campus and professional activities;
• enhance students’ communication skills and understanding of and participation in creative processes;
• develop students’ global skills through study of other languages and cultures;
• develop graduates with strong leadership and team-building capabilities, critical thinking skills, and ethical awareness.

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

3.1 Improve our stature as a research university and Ph.D. granting institution.

• increase external support for research and scholarship;
• expand Ph.D. enrollments and degrees granted;
• increase recognition of our scholarly accomplishments;
• encourage interdisciplinary activities.
3.2 Promote economic and social development and innovation 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.

3.3 Address societal needs through global partnerships.
- expand international engagement through collaborations with universities, industry, and government;
- increase cross-cultural exchanges to promote understanding and discovery of new knowledge and processes.

IV-E. 3.7. Equal Opportunity

It was moved by R. Reck, supported by T. Baldini, and passed by voice vote without dissent, that the Board of Control amends policy 3.7. Equal Opportunity as presented herein.

3.7. Equal Opportunity

In keeping with its responsibilities as an educational institution, Michigan Technological University is committed to a policy of affording equal opportunity to all of its employees, students, applicants for employment and applicants for admission without regard to race, religion, color, national origin, age, sex, sexual orientation, gender identity, height, weight, or marital status. The University is also committed to a policy of educating and employing disabled individuals and veterans without discrimination. These policies are to be implemented with due regard for the relative qualifications of all involved.

This policy supersedes Board of Control policy 3.7. Equal Opportunity dated December 9, 2005.

IV-F. Appointment with Tenure

It was moved by S. Hicks, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control approves the appointment of Dr. Adrienne R. Minerick as Associate Professor with tenure in the Department of Chemical Engineering effective August 17, 2009.

IV-G. Tentative 2010 Meeting Dates

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

Thursday, March 4, 2010
Friday, April 30, 2010 (Commencement – Saturday, May 1)
Thursday, July 15, 2010
Thursday, October 7, 2010 (Homecoming Weekend)
Friday, December 10, 2010 (Commencement – Saturday, December 11)

IV-H. 10.3.2. Non-Michigan Students

It was moved by T. Baldini, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control amends policy 10.3.2. Non-Michigan Students as presented.

10.3.2. Non-Michigan Students

1. United States Scholarships

Value: $6,000 per academic year ($3,000 per semester) for students who enrolled prior to summer term 2000. The difference between resident and nonresident rate for new recipients beginning summer term 2000.

Applicants must be U.S. citizens and residents of any territory or state except Michigan.

Awarded, based on academic achievement, for a four-year period (8 semesters) for those students working on a bachelor's degree, and for a two-year period (4 semesters), for those students working on an associate degree.

Scholarship Committee considers requests for extensions of scholarships, but in no case would they be extended beyond 10 semesters. The 10 semesters would apply to those students required to attend a summer semester or who demonstrate extenuating circumstances.

Renewable for second, third, and fourth year students who maintain a cumulative grade point average of 2.50 as of the end of spring semester, acceptable social behavior, and continuous full-time undergraduate enrollment.

Scholarship Committee considers requests for reinstatement of scholarships from students returning after a withdrawal, depending upon the circumstances of the withdrawal, provided the student had an acceptable grade point average on leaving.

2. International Ambassador Scholarships

Value: Variable ($1,000 minimum to $6,000 maximum).

Applicants must be citizens and residents of any country except the United States.
Awarded, based on academic achievement, for a four-year period (8 semesters) to students in their first year of study working on a bachelor's degree, or to students with transfer credit for a variable period of time depending on MTU requirements.

Scholarship Committee considers requests for extensions of scholarships, but in no case would they be extended beyond 10 semesters. The 10 semesters would apply to those students required to attend a summer semester or who demonstrate extenuating circumstances.

Renewable for second, third, and fourth year students who maintain a cumulative grade point average of 2.50 as of the end of spring semester, acceptable social behavior, and continuous full-time undergraduate enrollment.

Scholarship Committee considers requests for reinstatement of scholarships from students returning after a withdrawal, depending upon the circumstances of the withdrawal, provided the student had an acceptable grade point average on leaving.

3. Michigan Technological University Leading Scholar Award

Value: Up to regular non-resident full time tuition charges.

Number available: 3 for each incoming freshman class.

Open to non-resident domestic freshmen displaying outstanding academic achievement, leadership, creative abilities and high potential for success at Michigan Technological University, for a four year period (8 semesters).

Awards are renewable for second, third, and fourth year students who maintain a cumulative grade point average of 3.25 as of the end of spring semester, acceptable social behavior, and continuous regular full-time undergraduate enrollment.

No replacements are made for students who withdraw.

The Scholarship Committee considers requests for extensions of scholarships, but in no case would they be extended beyond 9 semesters. The 9 semesters would apply to those students required to attend a summer semester or who demonstrate extenuating circumstances.

Students who are out of state residents will not be eligible for university scholarship programs (Alumni Legacy Award, National Scholar Award, Military Family Education Award, etc.) that reduces their out of state tuition charges in addition to the Leading Scholar Award.

V. INFORMATIONAL ITEMS
   A. Analysis of Investments
   B. University Issued Bond Balances
   C. Advancement Report
   D. Recent Media Coverage

VI. OTHER BUSINESS

There was no other business at this time.

VII. PUBLIC COMMENTS

There were no public comments at this time.

VIII. CLOSED SESSION FOR REAL PROPERTY TRANSACTIONS

It was moved by R. Reck, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control proceed into closed session for real property transactions. (A closed session for such purpose is provided for in Section 8 (d) of P.A. 267 of 1976). (A roll call vote is required).

Roll Call Vote:
   Richardson – Yes                    Reck - Yes
   Ollila - Yes                        Clark - Yes
   Hicks - Yes                        Gronevelt - Yes
   Baldini – Yes                      Ashford - Yes

The motion passed.

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

Northern Natural Gas Company Easement

It was moved by K. Clark, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control authorizes the President, Secretary or Treasurer, to execute the modification and amendment of easement agreement, in the form presented, to the existing gas line easement dated August 16, 1966 with Northern Natural Gas Company to permit the installation of an additional 6” pipeline (co-existent with the current 3” line) for a consideration of $5,583.15.
XI. ADJOURNMENT

It was moved by R. Reck, supported by S. Hicks, and passed by voice vote without dissent, that the meeting be adjourned.

________________________________________
Secretary of the Board of Control

________________________________________
Chair, Board of Control