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

Meeting of
October 8, 2009
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VII. Other Business  

VIII. Public Comments  

IX. Closed Session for Periodic Personnel Evaluation of President Mroz  

X. Adjournment
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 October 8, 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 8th day of October, 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  
M. K. Richardson, Vice Chair  
L. D. Ashford  
T. L. Baldini  
K. I. Clark (via telephone)  
S. J. Hicks  
R. A. Reck (via telephone)  
G. D. Mroz, ex officio

The following members were absent:

P. G. Ollila

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; 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. Welcome to Dr. Clark and Dr. Reck who are participating today by phone, and we also want to welcome George Butvillas, Chair of the Michigan Tech Fund Board of Directors.

Yesterday we had very productive meetings of the Finance and Audit Committee, Academic Affairs Committee as well as the Presidential Review Committee, and we wish that the various legislative committees in Lansing would match the stellar performance of our Board committees.

For those of you who were not here for our July meeting, we have changed our agenda format to include a consent agenda which will help to move the meetings along by acting on the more routine matters in one motion thus allowing more time for discussion and reports.

As most of you know, the process of coming up with a permanent budget for the State of Michigan is continuing to unfold in Lansing even as we meet. There is a desperate need for the State to match revenues and critical budget needs. Certainly, the elimination of the Michigan Promise Scholarship has stunned a number of students and their families as well as the universities. However, there is still a chance that the Michigan Promise Scholarship may yet be funded. The Michigan House of Representatives has made progress toward restoring funding; however, they are still working on raising more revenue beyond the 163 million which has been identified thus far to restore cuts to critical programs. According to House Speaker, Andy Dillon, work will continue on the revenue side in the coming days in order to fund all of the programs including the Promise Grant, which was restored by the House last week, but contingent upon finding the necessary revenues. The Senate has yet to make as much progress.

On a very positive note, I would like to highlight some examples of the outstanding, on-going, achievements at Michigan Tech.

Michigan Tech will receive nearly 3 million dollars in federal stimulus funds to develop an interdisciplinary educational program to train engineers and technicians to design and build the next generation of hybrid electric vehicles. Dr. Jeff Naber is the lead faculty member of this multi-disciplinary program.

Maria Janowiak, Research Scientist in the School of Forest Resources and Environmental Sciences has received an award from the U.S. Department of Agriculture Forest Service of $821,281. The project entitled “Climate Change Science Delivery, Adaptation and Ecological Assessment” aims to increase the amount of information available on the effect of climate change on regional ecosystems and to increase the rate at which that information is made available to the professionals who manage these ecosystems.
I am going to end my remarks here as we have a number of very positive reports that will be presented during the meeting, so with that I will turn it over to President Mroz for his opening remarks.

President’s Comments

This week philanthropy is front and center on the Michigan Tech campus with the meeting of this Board, the College of Engineering Advisory Board, the School of Business Advisory Board, the Tech Fund Board, and the Generations of Discovery Campaign Committee.

I would like to highlight a couple of people who are part of the Michigan Tech family who are influencing life at Michigan Tech. One of these is Dave House, our Campaign Chair, and he is with us today.

I can’t say Dave has been helping me since day one because I think it was actually day three when he walked into my office and said “how can I help”. Over the past five years gifts from his Family Foundation have been strategically invested in Michigan Tech to build our national and global presence and capacity in research and teaching in the keys areas of electrical and computer engineering and computer science. He has supported the acquisition of the Michigan Tech Research Institute in Ann Arbor with their focus on electrical engineering applications to environmental and other issues of national importance. He has provided a professorship held by the Dean of the College of Engineering, and today, Dave is supporting an additional professorship with a $1 million gift to support a faculty position in electrical and computer engineering to again build capacity and a new campus center largely led by the College of Engineering and the College of Sciences and Arts that will eventually establish a center for computer systems research. Dave is also providing a gift of $150,000 today to support the renovations of the facilities in the EERC.

Mr. House commented that he is a strong believer in the future of Michigan Tech and a supporter of the plan that has been announced here at the university to move this university toward the direction of the future to make it a nationally recognized research university. Today, technology is much more complex than it was in the days when I graduated from Michigan Tech, and today the bachelor’s degree is in many ways a beginning degree and the demand for advanced degrees has climbed with the increase in complexity of technology. The percentage of professionals going into industry with advanced degrees is growing. Michigan Tech has lagged in its percentage of graduate students. If we look at the top nationally ranked public universities that we aspire to be, they graduate a larger percent of graduate students than we do. We need to strengthen our program. I’m a strong believer in that, and that is why I agreed to chair the capital campaign, and why I continue to support the efforts to increase our research activities and our graduate degree programs. Of course, the critical element to making the changes that we have put in our strategic plan, and that we are pursuing, is to have an outstanding faculty. Research oriented faculty and the opportunity to hire new and young faculty with research abilities and
on a research path that can advise tomorrow’s masters and ph.d students is the most critical element. That is why I and our Family Foundation have chosen to support the direction of advancing research. I brought a couple of checks today, and would like to present them to Chairman Gronevelt and President Mroz. First of all I have a $150,000 check to Michigan Tech Fund from the House Family Foundation to support the work in the center for computer research and computer development, and then there is a check for $1 million to the Michigan Tech Fund for the creation of the Dave House endowed professorship in computer engineering.

The second philanthropist I would like to highlight has chosen to invest in students outside the classroom. Pat Nelson was married to Charlie Nelson who is a 1936 alum and founder of the Nelson Paint Company in the middle of the depression, and most notably he was the inventor of the paint ball, who passed away a few years ago.

Over the years, Pat and Charlie, and now Pat, continue a strong legacy of support for Michigan Tech. You will find their names on plaques in many places on campus, such as Forestry, the Rozsa, the Memorial Union and many others. They were the key donors that started the Forest and Environmental Resource Management Enterprise in the School of Forest Resources and Environmental Science, and they support an endowed scholarship for the university.

Most recently their gifts supported the Pep Band, EcoCar in Mechanical Engineering, the Concert Choir, the establishment of the Outdoor Adventure Program, the Summer Reading Program, CREW, the Peace Corps Masters International Program, and this is just a short list.

Building on the success of our varsity athletics program and in particular our now preseason number one ranked women’s basketball team, I am particularly delighted to announce that Pat Nelson has provided a gift to establish a new varsity sport at Michigan Tech – Women’s Soccer. When I last talked to Pat about this, I told her you are going to go down in history at Michigan Tech as the mother of women’s soccer and she corrected me very quickly and said make that grandmother of women’s soccer.

Thanks to Pat, Dave, the Board and all the volunteers who will be here this week who support Michigan Tech, and thanks to the students, faculty and staff who work each day to make Michigan Tech an attractive philanthropic investment for people like Pat Nelson and Dave House.

II. COMMITTEE REPORTS

Academic Affairs Committee Report

Ms. Ashford, Chair of the Academic Affairs Committee, provided the Board with the following report.
On Wednesday afternoon, the Academic Affairs Committee met. Marty and myself, with Kathy Clark on the phone participated in the meeting.

Provost Max Seel first gave an update on on-line learning activities. Last spring’s course for displaced auto engineers which was offered in cooperation with the Engineering Society of Detroit and General Motors, was such a success that the University is offering a similar class this fall and again in spring 2010. It will emphasize battery technologies, which are at the heart of hybrid vehicle propulsion.

In addition, Michigan Technological University will receive nearly $3 million in federal stimulus funds to develop an interdisciplinary educational program to train engineers and technicians to design and build the next generation of hybrid electric vehicles. Michigan Tech will work with Argonne National Laboratory and a number of industrial partners including AVL, General Motors, Eaton, Horiba, MathWorks, Schweitzer Engineering Laboratories and Woodward. The University and its partners will develop undergraduate and graduate curricula, including a certificate program in hybrid electric vehicles.

The MEEM department is putting more and more of their graduate courses on-line. They are using Adobe Connect Pro as a communication tool. They have accepted 8 PhD TARDEC employees into this program and getting interest from other companies, such as DENSO.

The strategic discussion continues where Michigan Tech’s niche in on-line learning should be. As board members pointed out, it needs to be in distance learning courses and programs similar to the ones mentioned before, it needs to enhance on-campus learning by taking advantage of specific on-line possibilities, and it should provide “blended” learning without jeopardizing the experiential Michigan Tech feel. The provost together with the chief information officer, the deans council and budget people continues the discussion about an appropriate financial model that is sustainable for both the university and the units delivering on-line classes.

The Provost then presented the first performance data for the first Strategic Faculty Hiring Initiatives in Sustainability. The information is from seven individuals who were part of the original SFHI hiring year.

So far, 8 publications appeared; 7 are accepted for publication; they are advising 3 PhD students and serve on 5 PhD and 6 MS committees; they submitted 50 proposals, 32 as principal investigators, 18 as co-investigators; and as of September, $588,000 in research proposals were funded. These data are quite impressive, especially if one keeps in mind that three of these faculty did not begin until January of 2009. These data also do not include the three endowed Robbins chairs which were used to recognize, retain, and honor three internal distinguished professors.

The next item of discussion was an update on shared governance and charters. The original charter proposal which defines departmental governance was approved in 1994. Over the years, items have been added to these first departmental charters. When the AAUP became bargaining unit, the uncertainty of the future of charters and
the jurisdiction of the Senate caused a freeze in charter approvals or updates on charters. The provost is working with the senate to get out of this freeze and, in the interest of shared governance, to keep faculty and staff engaged in moving the university forward.

The Academic Affairs committee then continued the discussion of African American undergraduate applications data from 2003 to 2009. The first problem which was identified is how to get the right pool of applicants because the increase in applications was accompanied by a decrease in accepts. The second problem is the discrepancy between the percentage of paid deposits to accepteats: the “success” rate for African Americans is only 13% compared to 36% for the rest of the student pool. Proposal 2 restrictions seem to indicate a strengthening of the out-of-state competition.

In all of our discussion points, the relevance to the strategic plan was invoked and discussed. The continued investments in strategic faculty hiring initiatives and academic programs, in faculty and students, and in the development of forward-looking programs underline that the philosophical platform for the university operation is academics. The Academic Affairs Committee of the Board of Control will do its best to ensure that this continues in the future and that resources go appropriately to academics.

**Finance and Audit Committee Report**

Mr. Hicks, Chair of the Finance and Audit Committee, reported that the Finance Committee met yesterday and discussed the following items:

Strategic Plan - How to align the financial resources with the strategic plan. We have a five year outlook including what metrics we are looking at for headcount, both in students and faculty, the resources necessary to accomplish these goals, and what that means over a five year period of time.

Current Financial Outlook - CFO Dan Greenlee will give a report on the current state of the university at the end of this report.

The Committee also discussed the transfers over $500,000, the FY11 Capital Outlay Budget Request, and the Bond Resolution Amendment which are actions items on today’s agenda, and the Committee is supportive of these items.

The Committee met with external auditor Steve Peacock from Rehmann Robson. Mr. Peacock will be providing the Board with a report later in the meeting.

Mr. Hicks is pleased to say that we are still in very sound financial health, and he credits the leadership of the team especially in these difficult times.

Mr. Greenlee provided the Board with the following report.
Michigan Tech.

Financial Report
Board of Control Meeting
Thursday, October 8, 2009

Michigan Technological University
Key Metrics – October, 2009

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<tr>
<td>Faculty - Tenured/Tenure Track</td>
<td>302</td>
<td>313</td>
<td>304</td>
<td>310</td>
<td>331</td>
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<tr>
<td>Sponsored Program Awards $</td>
<td>43.8</td>
<td>49.9</td>
<td>41.3</td>
<td>53</td>
<td>58.3</td>
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<tr>
<td>Freshman ACT Scores</td>
<td>25.1</td>
<td>25.2</td>
<td>25.6</td>
<td>25.6</td>
<td>26.0</td>
</tr>
<tr>
<td>Number of Faculty Hires</td>
<td>41</td>
<td>66</td>
<td>54</td>
<td>57</td>
<td>60</td>
</tr>
<tr>
<td>Endowment Value $</td>
<td>64.8</td>
<td>78.5</td>
<td>70.3</td>
<td>63.7</td>
<td>70</td>
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Note: $ denotes dollars in millions.

Condensed Statement of Net Assets
as of June 30, 2009

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<tr>
<td><strong>ASSETS</strong></td>
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<tr>
<td>Current Assets</td>
<td>$36,950,073</td>
</tr>
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<td>Noncurrent Assets:</td>
<td></td>
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<tr>
<td>Capital Assets, net</td>
<td>$224,392,713</td>
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<tr>
<td>Other Noncurrent Assets</td>
<td>19,677,176</td>
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<td><strong>TOTAL ASSETS</strong></td>
<td>$280,452,962</td>
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<tr>
<td><strong>LIABILITIES</strong></td>
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<tr>
<td>Current Liabilities</td>
<td>$21,296,029</td>
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<td>Noncurrent Liabilities</td>
<td>30,417,346</td>
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<td><strong>TOTAL LIABILITIES</strong></td>
<td>$51,713,375</td>
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<tr>
<td><strong>NET ASSETS</strong></td>
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<tr>
<td>Investments in capital assets, net of related debt</td>
<td>$149,130,442</td>
</tr>
<tr>
<td>Other net assets, restricted and unrestricted</td>
<td>$3,652,030</td>
</tr>
<tr>
<td><strong>TOTAL NET ASSETS</strong></td>
<td>$152,782,472</td>
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Current Fund 2009
(in Thousands)

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<tr>
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<th>Original Projection</th>
<th>Final</th>
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<tr>
<td>Revenue</td>
<td>232,008</td>
<td>228,829</td>
</tr>
<tr>
<td>Expense</td>
<td>(231,536)</td>
<td>(227,394)</td>
</tr>
<tr>
<td>Investment Gains (Losses)</td>
<td>550</td>
<td>(1,215)</td>
</tr>
<tr>
<td>Net Income (Loss)</td>
<td>1,022</td>
<td>230</td>
</tr>
<tr>
<td>Current Fund Balance</td>
<td>18,437</td>
<td>15,635</td>
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Note: Current Fund includes General Fund, Designated Fund, Auxiliaries, Retirement and Insurance, and the Expendable Restricted Funds.

CASH FLOW
2007, 2008 & 2009 YTD
(dollars in millions)

Institution's 2008 total debt-per-student

Source: EPR-CC
III. CONSENT AGENDA

It was moved by R. Reck, supported by L. Ashford, 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

It was moved by R. Reck, supported by L. Ashford, and passed by voice vote without dissent, that the minutes of the formal session of July 16, 2009, as distributed to the Board, be approved.

B. Degrees in Course

It was moved by R. Reck, supported by L. Ashford, 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 200909

Associate in Applied Science in Engineering Technology
  Matthew J Osborne

Associate in Applied Science in Civil Engineering Technology
  Ryan M Avendt
  Matthew Brian Daavettila
  Chad Douglas Guthrie
  Scott Thomas Helminen
  Scott Robert Kromer
  Jeremy Michael Nocerini - Cum Laude
  Michael David Powers
  David Frederick Smith

Associate in Applied Science in Electrical Engineering Technology
  Wesley C Sutton - Cum Laude
  Adam C Thon

Associate in Applied Science in Electromechanical Engineering Technology
  Neil W Dabrowski - Cum Laude

Bachelor of Arts in Communication and Culture Studies
  Shahryar Ali Rizvi
  Elsa Leigh Roberts - Cum Laude
  Jessica Marie Turuc

Bachelor of Arts in Theatre and Entertainment Technology
  Corinne Carol Gilbert - Cum Laude
Bachelor of Arts in Liberal Arts
  Richard Samuel Chiochios
  Benjamin Ancel Dowker - Magna Cum Laude
  Lisa Marie Grayson
  Bridget Ann Williams - Magna Cum Laude

Bachelor of Arts in Liberal Arts - History
  Melissa Kay DeVerney

Bachelor of Arts in Scientific and Technical Communication
  Elise Denae Cleary - Cum Laude
  Kelly Marie Jorgensen - Summa Cum Laude
  Gabrielle Nichole Pastore
  Heather Jean-Ellen Tahtinen
  Wendy Kae Watson

Bachelor of Science in Business Administration
  Ryan Matthew Angelow
  Christine M Codere - Magna Cum Laude
  Casey Richard Colbeth - Magna Cum Laude
  Mark Allen Cruth - Cum Laude
  Robert H DeVaun
  Joseph Robert Dowdle
  Jessica Ann Ewing
  Jill Shanna Garrity - Magna Cum Laude
  Sean Michael Geary
  Kelly Marie Gerzetich - Magna Cum Laude
  Jacob Gene Geske
  Jonathan M Gosa
  Jenna Mychael Hase - Summa Cum Laude
  Jacob J Heikkinen
  Anthony John Hellenbrand - Summa Cum Laude
  Tiffany Lahja Hietala - Magna Cum Laude
  Joan A Hoffman - Magna Cum Laude
  Adam Eric Johnson
  Cody Lee Juntikka
  Maria Ann Kasza - Magna Cum Laude
  Cassie Marie Kautto
  Min Cheol Kim
  Laurilee Marie Kroll
  Melissa Ann Kyllonen
  Danielle M LaLonde
  Jeremy M Lange - Magna Cum Laude
  Denise H Lehtola
  Katherine Marie Leitheiser
  Joel R Marsh
  Jeremi C Marten
  Zachary R Martin
Lara Kathleen Michaelson
Andrew J Mitchell
Brady Kyle Morris
Donald G Murray - Cum Laude
Kyle Jeffery Newbury
Kristopher A Niva
Megan Marie Oldfield
Kyle G Patenaude
Michael Paul Petroskey
Eric M Schaefer
Ryan Edward Schechter
Alicia Sue Schneider
John Andrew Schwarz
Jessica L Sherman
Mairi N Smith-Risk - Magna Cum Laude
Duane Alexander Stephenson - Magna Cum Laude
Jacob Jeffrey Stevens
Johanna Marie Stout
Brian Wayne Vadnais
Erik Amos Winsand
Sumi Yang

Bachelor of Science in Economics
Richard Wayne Bobholz
Grant Alexander Dossetto - Cum Laude
Richard Warren Eberts

Bachelor of Science in Biomedical Engineering
Kyle Scott Adams
Amnah H Aglan - Cum Laude
Jeffrey Donald Bombard
Jennifer A Brinks
Caleb Scott Colyer
Bryna K Fahrner
Christian William Fenton
Jason Michael-Adams Fuller
Bryan Earl Garfoot
Richard Joseph Heglund
Samantha Jang-Stewart - Summa Cum Laude
Steven Emil Johnson - Magna Cum Laude
Derek Peder Kitti - Cum Laude
Rebecca L Klank - Summa Cum Laude
Melissa Leah Meyer
Matthew Lee Nelson
Anthony James Nowicki
Joshua J Pears
Brandon Duhamel Pereles - Cum Laude
Kathleen A Ross - Cum Laude
Megan Rose Rowley
Katrina Michelle Sanders
Brent Edward Skaw
Benjamin Jacob Umlauf
Michael Anselm Urban
William Robert White

Bachelor of Science in Engineering
Matthew Edward Halberstadt
Teresa Una Holiness
Neil E Mitchell
Dominic Anthony Perry
Jennifer Michelle Stanek
Michael Alan Vieau
William John Waines - Cum Laude

Bachelor of Science in Civil Engineering
James Randall Bell - Magna Cum Laude
Matthew A Bordson - Cum Laude
Ryan D Brennan
Pamela Sue Brushaber
Darrell John Cass
Ted Champagne - Cum Laude
Caleb Steve Dunham
Cassandra Leigh Fahl
Steven Paul Fisher
Kyle John Fortier
Andrew K France
Michael Gay
Adam Paul Gerondale
Daniel Gezon
Matthew G Haapala - Cum Laude
Alexander Michael Hainen - Magna Cum Laude
Jesse J Hansen
Cameron A Hatzenbuhler
Kristen Marie Hedrich
Rhen Christopher Hoehn - Cum Laude
Gary T Johanik - Magna Cum Laude
Ryan Michael Julien
Kalvin W Kalafut
Gregory Steven Karlovits
Anthony Scott Kessler
Christopher Ray Kmiecik
Eric L Kreiger
Tony Olajuwon Lowe
Derek Kurtis Lutz
John Paul Lyrenmann - Magna Cum Laude
Michael John Markham
Brent James Marsh
Daniel Ross Martinez
Kevin Allen Mears
Mark David Miljevich
Kari T Nasi - Summa Cum Laude
Matthew David Novak - Cum Laude
Anthony J Papist
David W Peterson
Jeff Robert Piaskowski
Brad Kent Pitlik
Adam Michael Puckett
Nicholas A Puroll - Cum Laude
Stephanie Sue Schiel - Cum Laude
Curtis James Schroeder - Magna Cum Laude
Matthew Robert Seibert
Andrea J Smeltzer - Cum Laude
Adam Francis Sohasky
Dustin M Sommer
Ryan Patrick St Germain - Cum Laude
Brice Edward Stafne - Magna Cum Laude
Tyler A Stokes
Raymond Thomas Stone
Branden Tyler Strayer
Cassandra Lee Thiel - Cum Laude
Benjamin Lawrence Thompson
Sean Charles Thompson - Cum Laude
Eric Steven Westra

Bachelor of Science in Chemical Engineering
Anwar A Aqlan
Warren L Ball
Brett Allen Ballard
Heather Lynn Chaillier - Summa Cum Laude
Benjamin James Conard - Cum Laude
Colin T Crabb
Jason Lee Dammann
Daniel P Fisher - Magna Cum Laude
Elizabeth Emelia Haibel - Cum Laude
Rebecca Marie Heimerl - Magna Cum Laude
Crystal L Higginbotham
Jennifer Lynn Holdren - Summa Cum Laude
Jasween Kaur Jagjit Singh - Cum Laude
Shawn David Katerberg
John A Krystof - Magna Cum Laude
Melissa Grace-Jane Lewis - Magna Cum Laude
Jacob P Lundmark - Summa Cum Laude
Linda Manenkeu Ndoping - Magna Cum Laude
Terrence James Mazure - Summa Cum Laude
Daniel Evart McGrath - Cum Laude
Michael J McLain - Cum Laude
Kyle Edward Mick - Cum Laude
Benjamin Thomas Mosher
Derek Raymond Norkoli - Cum Laude
Tiffany Rose Pashby
Emily Clara Petersen - Magna Cum Laude
Ryan Daniel Putnam - Cum Laude
Eric Wayne Reynolds - Cum Laude
Brittany Lee Richert
Samuel Cody Roache - Cum Laude
David C Rose
Daniel Gustaud Rosenberg
Katherine Anne Roxbury - Magna Cum Laude
Brian R Schanhals
William Norbert Schuessler
Sten O Schuler - Cum Laude
David L Sharp
Brett Paul Spigarelli - Magna Cum Laude
Michael Joseph Spliedt - Cum Laude
Lee Christopher Sullivan - Magna Cum Laude
Anthony Scott VanHart - Summa Cum Laude
Michael Douglas Via - Magna Cum Laude
Carrie Jeanne Weldon
Benjamin James Wieder - Cum Laude

Bachelor of Science in Computer Engineering
  Justin Christopher Ayers
  Michael Kevin Blaser
  Gordon C Book
  Michael Alexander Brush - Cum Laude
  Diego Charles
  Jeffrey M Cieslinski - Cum Laude
  Christopher Cooper - Magna Cum Laude
  Jonathan M Davis
  Jordan James Freeman - Cum Laude
  Matthew C Geldersma
  James Charles Hollenbeck
  Sean Kristofer Horton - Magna Cum Laude
  Kimo K Kaaikala
  Myles D Metzler
  Michael Li Misson - Cum Laude
  Michael A Ness - Magna Cum Laude
  Matt Nienow - Magna Cum Laude
  Jonathan David Parrott - Magna Cum Laude
  Tristan Henry Penokie
  Jason D Ricksgers
  Victor Sherman Robinson
Torrin Thomas Santy
Tristan J Smith
David Joseph Steffler - Summa Cum Laude
Zachary Dean Stout
Kevin Arthur Trombly - Cum Laude
Dominic Anthony Winkelman - Cum Laude

Bachelor of Science in Electrical Engineering
Nicholas Matthew Abraitis - Cum Laude
Ishtiaque Amin - Magna Cum Laude
Stacy M Auger - Cum Laude
Shane Christopher Begoske
Zachary B Berry
Kurt D Bonham
Richard Jacob Borth
Christopher Thomas Boyd
Brian J Broeders - Summa Cum Laude
Brady Thomas Christel
Matthew Scott Cichosz
Scott D Custer
Brandon G Dickerson
Christopher Michael Dix
Peter Clinton Dohm - Cum Laude
Joshua L Dorn - Cum Laude
Andrew Michael Drees
Jeffrey A Eul
Steven James Fisher
Bradley Allen Furton
Christopher Raymond Grant
Oluwatomiisin Adeyemi Haastrup
Jason Tyler Hammel
Carissa Rae Hansen - Cum Laude
Sean Michael Hartwell
Joshua Michael Hoekstra
Matthew Dean Howard
Christopher Allen Jackson
Matthew David Jarrell
Andrew Thomas John Joda
Lea E Johnson - Summa Cum Laude
David Wayne Jones
Michael Joseph Korpi
Clarissa Ruth Kotila
Nathan Alan Kotila
Martin Brian Kovarik
Joshua Nicholas Krajniak
David Michael Lamb
Robert Brandon Larimer
Garrett M Lewis - Cum Laude
Steven Matthew Littlepage
Matthew A Mader
Joel R Marsh
David F Martin
Anthony M Mauric
Christopher Gerald McGillen
Ryan Matthew McGuire - Cum Laude
Timothy Neil Mead - Magna Cum Laude
Kevin Thomas Moretti
Eric Russell Morgan
Nchekwube Ngini
Steven Thomas O'Dacre - Magna Cum Laude
Brian Edward Olson
Benjamin Michael Paney - Cum Laude
Kyle G Patenaude
Andrew Jason Peplinski - Cum Laude
Mohammed Rishard Preena
Gregory Allen Price
Michael R Roddewig - Cum Laude
Efe Saran
Joseph John Schoen - Cum Laude
Alexander Marc Soles
Katherine Ann Stencel
Brandon William Swatowski
Weston Harrison Thomas - Magna Cum Laude
John C Town
Felicia R Tuntland
Nicholas Edward VandenPlas - Cum Laude
John J Westerman - Cum Laude
Erik Amos Winsand
Derek James Yurk

Bachelor of Science in Environmental Engineering
   Erin V Ballun
   Scott Richard Bauer
   Fritz N Burt
   James Aloysius DeLiefde
   Daniel Gezon
   Christopher M Harvey
   Andrea Lenart Kirchoff
   Jeffrey Neal Long
   Jennifer Kyrston Markham - Cum Laude
   Erik D Mundahl
   Allison L Olds
   Gustan Jeffrey Taylor

Bachelor of Science in Geological Engineering
   Tyler Shane Cragg - Magna Cum Laude
Daniel Alden Hirvi
Laurel M Mack

Bachelor of Science in Geology
Alexander Christopher Michels
Katie Sue Schon

Bachelor of Science in Mechanical Engineering
Kenneth Victor Abbott
Oleg M Abramovich
Jason James Alcoe - Magna Cum Laude
Matthew Marvin Alt
Matthew P Anderson
Brian Charles Arpke - Magna Cum Laude
Joseph Charles Ault
Daniel Robert Banken
John S Barszcz
Eric Vincent Baum - Summa Cum Laude
Autum M Beadle - Magna Cum Laude
Kevin R Bence
Cameron Jay Biery - Summa Cum Laude
Tyler R Blank - Magna Cum Laude
Jana M Bloom
Eric A Boeckers
Benjamin Alan Burmester
Steven Phillip Carter
Matthew Lee Chamberlain
Ming Kit Chan
Kyle Patrick Codere
Caleb Scott Colyer
Megan Laurel-Allison Cook - Cum Laude
Christopher M Davis - Magna Cum Laude
Timothy Jon Dewey
Jamie Lea Dufner - Magna Cum Laude
Ankhbayar Enkhsaikhan
Tyler J Ethen - Cum Laude
Jeffrey A Eul
Colin P Fay
Nathan Douglas Fetting - Summa Cum Laude
Kyle Dylan Franks
Brett William Friermood
Alexandre Gagne
Jonathan M Gosa
Mark Alexander Graf
Eric Matthew Green
Charles J Grego
Jordan Lee Guitar - Cum Laude
Robert Morris-Aaron Haack - Cum Laude
Robert Nicholas Hembrock - Summa Cum Laude
Spencer Thomas Hanley - Summa Cum Laude
Nicholas Bailey Howe
Alexander E Hoy
Eric Jerome Jacobsen
Daniel Joseph Jacobson
Travis L Jansen - Summa Cum Laude
Andrew E Jaworski
Benjamin David Jensen - Cum Laude
Jeffrey Gardner Johnson
Eric David Joseph
Jeffrey Alan Katalenich - Summa Cum Laude
David J Kennedy
Nathan Richard Kent
Brenton Matthew Kilroy - Magna Cum Laude
Nicholas Joseph Klimas
JoAnn Marie Klobocher
Bradley Scott Konik
Jason Smith Krueger
Alexander A Krueger - Cum Laude
Jeffrey William Lauman
Jonathan William Lee
Stephen Jonlee Lewis
Andrew Robert Lillesv - Magna Cum Laude
Alex Lord
Ryan James Mathues
Scott Michael McElmurry
Brian C McHale
Kevin Daniel McKenna
Ryan D Menze
Christopher A Miller
Mindy J Miller - Cum Laude
Peter Michael Minnaugh
Mathew S Mitchell
Robert Emrae Mooney
Andrew Joseph Morello
Felipe D Moura
Andrew J Nauta
Kaari Catherine Nevanen
Michael Paul Norconk - Magna Cum Laude
Christopher Louis Olson
Karl H Palm
James Allen Peitzmeier
Brandon Chester Pennala - Cum Laude
Steven Craig Pribyl
Ryan Anthony Pulkrabek
April Marie Rhoden
Andrew Paul Rohr - Cum Laude
Anthony James Santi
Andrew Mark Schafer - Cum Laude
Jeffrey Mark Schwartz
Erik M Selewski
Michael Harrison Senkow
Matthew John Sipiora
Craig Alan Slattery
Samuel John Sokolowski - Cum Laude
Sean Robert Spellman - Magna Cum Laude
Daniel W Stickels
Ryan P Sullivan
Rei Tangko - Summa Cum Laude
Matthew R Tanguay
Kevin Patrick Temple
Andrew William Thom
Lipu Tian
Eddy Howard Trinklein - Magna Cum Laude
Christopher J VanDyke
Matthew B Vetting - Magna Cum Laude
Robert Anthony Viola
Karl Edmund VonderHeide - Summa Cum Laude
David J Walters - Cum Laude
Chance S Weber
James Corey Weber
Jesse E Wills - Magna Cum Laude
Drew M Windgassen - Magna Cum Laude
Richard L Winter
Steven M Worster
Thomas Alan Zettel

Bachelor of Science in Materials Science and Engineering
Joshua Benjamin Ball - Magna Cum Laude
Katherine Marie Becker - Cum Laude
Matthew Thomas Calcutt
Justin Tyler Clark
Julie Susan Emerick
Joseph A Halt - Summa Cum Laude
Meghan Marie Haycock - Magna Cum Laude
Brett Jacob Helzer
Andrew J Hodges
Daniel Robert Hoffman
Andrew Thomas John Joda
Michael Forst Krug - Cum Laude
Gretchen Lousia Lange
Sean Michael Loney
Emanuel Marinaro Castilla
James Joshua Martin
Robb M Mrozinski
Gregory M Ross  
Kyle Penn Schafer  
Collin Clark Snyder  
Carolyn Lee Swanborg - Cum Laude  

Bachelor of Science in Applied Ecology and Environmental Sciences  
Robin M Conklin  
Pamela Sue Hilton - Magna Cum Laude  
Elsa Megan Jensen - Cum Laude  
Laura Carolyn Kangas - Summa Cum Laude  
Jillian Rae Schubert  

Bachelor of Science in Forestry  
Scott Jeffrey Bonk  
Marcella Anna Campione - Summa Cum Laude  
Lycus Stephen Flaherty  
Samuel H Gardner  
Mickey Philip Jarvi - Magna Cum Laude  
Michael Joseph Pindral  
Trevor Karl Poyhonen  
Wesley Milo Proctor  
Dieter H Rudolph - Summa Cum Laude  
Joel Thomas Saaranen  
Bryan Ray Watters  
Nicholas David Windmuller  

Bachelor of Science in Wildlife Ecology and Management  
Christopher Ryan Boroski  
Anthony James Landon  
Andrew J Mitchell  
Claire E Thorstenson  
Daniel J Winkler - Cum Laude  

Bachelor of Science in Anthropology  
Aaron W Nasi  
David John Nelson  

Bachelor of Science in Applied Physics  
Caleb M Carlin - Cum Laude  
Leland R Kruse  
Brandon William Swatowski  
Samuel David Tootle  

Bachelor of Science in Bioinformatics  
Corey Ward Hecksel - Magna Cum Laude  

Bachelor of Science in Biological Sciences  
Kelsey A Aird
Daniel Michael Bowling
Nichole B Brewer
Sheryl Lee Clifton
Erin Marie Haney
Kimberly S Johnson
Melissa Jennifer Jones - Summa Cum Laude
Karl Marvin Larson
Rachel E Larson - Cum Laude
Nicole Marie Lepinski - Summa Cum Laude
Michael T Maksimchuk
Ashley Chrisstina Maney
Erin L McKenney
Scott Robert Michels - Magna Cum Laude
Angela Elizabeth Noble - Cum Laude
James Joseph Orlando - Cum Laude
Heather Ann Richards
Kiersten Renee Schierbeek - Cum Laude
Andrew Timothy Smith
Russell T Sutton
Jessie A Swan - Summa Cum Laude
Anthony Edwin Thompson
Ana Elizabeth Vuk

Bachelor of Science in Chemistry
Sarah Lynne Leibenguth
Jennifer L Pertiie
Michela Marie Young - Magna Cum Laude

Bachelor of Science in Cheminformatics
Terrence James Mazure - Summa Cum Laude

Bachelor of Science in Pharmaceutical Chemistry
Joseph Patrick Burnett - Cum Laude

Bachelor of Science in Clinical Laboratory Science
Heather Lynn Asiala - Cum Laude
Stacey Jane Boutin
Wennie Ng Paladino - Summa Cum Laude
Adriana Teresa Sherman-Jones

Bachelor of Science in Computer Science
Jason R Anderson - Summa Cum Laude
John Mark Avery
Ryan David Graydon Beatty
David A Christensen - Magna Cum Laude
John W Earnest - Cum Laude
Donnie Chris Ford
Christopher Stephen Guernsey
Aaron J Haas - Cum Laude
Adrian A Hannah
Sean M Johgart - Cum Laude
Devin Scott Johnson
Joshua D Keeler - Cum Laude
Michael Steven Kisly
William J Laffin
Michael Nicholas Lankfer
John Conor Lattin
Alexander Alan Nelson - Cum Laude
Jeffrey Steven Novak
Matthew Michael O'Connell - Cum Laude
Jason David Petterson
Christopher Glenn Riggs - Cum Laude
John Jeffrey Roepke - Cum Laude
Nicholas A Roth - Cum Laude
Ryan A Schneider
Bret Riley Self - Cum Laude
James J Simon
Justin R Slepak - Cum Laude
Brian A Suessine
Hylinn Taggart

Bachelor of Science in Computer Systems Science
    Benjamin R Anderson
    Jeremy N Solmonson

Bachelor of Science in Health and Physical Education
    James Boddy

Bachelor of Science in Exercise Science
    Kristopher Robert Alpers - Magna Cum Laude
    Whitney Marie Boroski
    Lindsey Elizabeth Johnson
    LeAnn Marie Koski - Cum Laude

Bachelor of Science in Audio Production and Technology
    Justin Philip DuBay
    Steven Matthew Littlepage

Bachelor of Science in Mathematics
    Zachary B Berry
    Sean Heath
    Tamaki Komatsuzaki
    Steven Gordon Kuehl
    Melanie R Laffin - Cum Laude
    Megan Ann Miller
    Kyle Allen Moteberg
Ashley Marie Nyenhuis - Summa Cum Laude
Jason Paul Rickli
Melissa Ann Socks - Summa Cum Laude
James Carl Wright
Jeffery Vincent Zylinski - Cum Laude

Bachelor of Science in Biochemistry and Molecular Biology
    Allan David TerBush - Magna Cum Laude

Bachelor of Science in Physics
    Alexandria Vincenza Blanchard - Cum Laude
    Martin Boluyt
    Jamie Lynn Bougher - Summa Cum Laude
    Carrie E Butler - Magna Cum Laude
    Jacob Scott Deschaine - Magna Cum Laude
    Matthew G Dunkman
    Jessica Gayle Galbraith-Frew
    Nathan Morris-Bjork Hinkley - Summa Cum Laude
    Brandon Charles Johnson - Summa Cum Laude
    Daniel James Kestner - Summa Cum Laude
    Samuel Tapio Kilpela - Cum Laude
    Benjamin J Meier
    Derek J Meyers - Cum Laude
    Paul Nelson Rojas
    Nathan D Wiley

Bachelor of Science in Psychology
    Shane Christopher Begoske
    Mark Allen Cruth - Cum Laude
    Jenna M Dahlstrom
    Michael P Landow
    Jessica Rose Mariano
    Christopher Raymond Mayra - Magna Cum Laude
    Sarah Mae Nelson
    Michael N Panek
    Sarah Elizabeth Tamminga
    Lisa Louise Tincknell

Bachelor of Science in Software Engineering
    Herbert Joseph Hanson
    Anthony E Heathcoat
    Kevin F Kayser
    Todd A Larson
    Thomas A O'Neil
    Adam Keith Umbarger

Bachelor of Science in Social Sciences
    Aimee M Beauchamp - Cum Laude
William D Crawford  
Valoree Sherick Gagnon - Magna Cum Laude  
Mary Beth Koski - Cum Laude  
Jessica Lynn Koski - Cum Laude  
Tiffany T Mattice  
Grayson S Mattila  
Christina Marie Norris  
Shahrzad Ali Rizvi  
Eric Robert Talbot  

Bachelor of Science in Scientific and Technical Communication  
Casey A Aschauer  
Karina Anna Jousma - Cum Laude  
Ian Gregory Maino  
Michael Harrison Senkow  
Stephanie Nicole Stoken  

Bachelor of Science in Construction Management  
Daniel Howard Carpenter  
David Phillip DeClerck  
Chad Douglas Guthrie  
Jack Wayne Hagerman - Cum Laude  
Regina Francis Johnson  
Kyle Scott Maclean  
Garrett Mattila  
Kevin James Meyers  
Michael Vincent Palermo  
John Ryan Weesie  

Bachelor of Science in Computer Network and System Administration  
Steven M Booker  
Ryan Daniel Carlson  
Kennith Richard Croton  
Samuel Peter DeGroot - Magna Cum Laude  
Paul J Gilreath - Magna Cum Laude  
Jason Robert Gochanour  
Kyle Addison Hager  
Brandon Norbert Karis  
Kevin M Krutsch  
Christopher LaPointe - Cum Laude  
Breen Elliot Malmberg  
Nicholas Anthony Mutschler  
Nicholas Daniel Recla - Cum Laude  
Nicholas F Rosa  
Zachary David Simpson - Cum Laude  
Matthew James Thyer  
Scott E Truskowski - Summa Cum Laude  
Daniel Joseph Vollans
Jeffrey David Whitehouse - Cum Laude
Aaron J Willette

Bachelor of Science in Electrical Engineering Technology
Talal Naif Alshareef
Mitchell Spencer Edbauer - Magna Cum Laude
Stuart Michael Juip
Aaron L Oaks
Steven Patrick Riemersma
Mitchell Lee Schuh
Wesley C Sutton - Cum Laude
Adam C Thon

Bachelor of Science in Industrial Technology
David Michael Chernetski
Kennith Richard Croton
Gregory L Franz

Bachelor of Science in Mechanical Engineering Technology
Tyler Michael Bair
Neil W Dabrowski - Cum Laude
Andrew Francis Dillon
Andrew G Hayes - Cum Laude
Nathaniel I Iverson
Phillip Arthur Jeannot
Erik Lawrence Kivela
Thomas Anthony Kohlmann
Seth Christian Kooiker
Dennis Robert Ladendorf
Christopher J O'Sullivan
Joshua Lee Rhode
Ashley Jean Roffe
Richard Allen Savola
Ryan William Solberg
Nicholas James Thompson - Summa Cum Laude

Bachelor of Science in Surveying Engineering
Paul August Kinnunen
Krystle Marie Olson
Timothy J Willman

Master of Business Administr. in Business Administration
Trenton Monroe Bruce
Chad Neil Daavettila
Ryan Stephen Lindke

Master of Engineering in Engineering
Anders Levi Riutta
Master of Engineering in Civil Engineering
   Boris Simeonov Simov

Master of Science in Civil Engineering
   Nelson Kenneth Alger
   Elise Marie Nyland
   Cara Walker Shonsey
   Jacob Thomas Vermillion

Master of Science in Chemical Engineering
   Travis Joseph Hansen
   Beth Ann Johnson

Master of Science in Electrical Engineering
   Praveen Karur Kumar
   Sowmya Sadashiv Moily
   Samana Upadhyaya
   Christopher Dawson VanArsdale
   Senthil Kumar Varadarajan Gopi

Master of Science in Environmental Engineering
   Ashwini Suresh Kashelikar
   Mark David Rowe
   Ryan William Schweitzer

Master of Science in Geology
   Ellen Rose Engberg
   Ingrid Dara Fedde

Master of Science in Mechanical Engineering
   David Lee Fritz
   Joseph William Lechnyr
   Min Nie
   David Michael Pauken
   Tejas Shivaji Salunke
   Iltesham Zameer Syed
   Andrew Stephen Waisanen
   Chad Michael Walber
   Cheryl L Williams

Master of Science in Applied Ecology
   Daniel Eugene Haskell
   Chao Wang

Master of Science in Forest Ecology and Management
   Paul J Koll
   Melissa Jean Porter
   Sarah Elaine Stehn
Master of Science in Forestry
   Noah Daniels
   Trevor Roy Hahka
   Kristin Ann Hettich

Master of Science in Applied Science Education
   Paula M McElroy

Master of Science in Biological Sciences
   Stephanie L Groves
   Angela Kim Lucas
   Louis Paul Paladino

Master of Science in Chemistry
   Lawrence Joseph Mailloux

Master of Science in Mathematical Sciences
   Mohammad Fawaz Al-Jamal
   Yilin Dai
   Shurong Fang
   Richard D Fears

Master of Science in Environmental Policy
   Susan Helen Balint
   Genevieve Marie Borg
   Andrew Thomas Kozich

Master of Science in Industrial Archaeology
   Carmelo Davila
   Seth Christian DePasqual

Doctor of Philosophy in Electrical Engineering
   Manoranjan Acharya
   Huaming Li
   Xiaoning Shan

Doctor of Philosophy in Materials Science and Engineering
   Xiang Sun

Doctor of Philosophy in Engineering - Environmental Engineering
   Kateryna Lapina
   Helen Evangeline Muga
   Andrea Munoz Hernandez
   Robert Chris Owen

Doctor of Philosophy in Forest Science
   Stacie Ann Holmes
Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics
  Jason Thomas Dreyer
  Justin David Keske
  Jason Daniel Sommerville
  Karl Andrew Walczak

Doctor of Philosophy in Biological Sciences
  Robert Scott Donofrio
  Johnathan E Lawrence

Doctor of Philosophy in Chemistry
  Xin Bai

Doctor of Philosophy in Physics
  Haiying He

Doctor of Philosophy in Rhetoric and Technical Communication
  Diane Marie Miller
  Jeannie A Patrick
  Dennis K Walikainen

C. Gifts

It was moved by R. Reck, supported by L. Ashford, 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, 2009 through August 31, 2009
Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY10 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>401,243</td>
<td>474,206</td>
<td>-72,963</td>
<td>-15.4%</td>
</tr>
<tr>
<td>Realized Planned Gifts (current year)</td>
<td>3,000</td>
<td>280,136</td>
<td>-277,136</td>
<td>-98.9%</td>
</tr>
<tr>
<td>Current Year Subtotal</td>
<td>494,243</td>
<td>754,342</td>
<td>-250,102</td>
<td>-33.4%</td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>67,503</td>
<td>86,983</td>
<td>-19,480</td>
<td>-22.3%</td>
</tr>
<tr>
<td>Realized Planned Gifts (previously recorded)</td>
<td>106,110</td>
<td>0</td>
<td>106,110</td>
<td>100.0%</td>
</tr>
<tr>
<td>Receipts from Previous Year Subtotal</td>
<td>173,619</td>
<td>86,384</td>
<td>87,235</td>
<td>99.8%</td>
</tr>
<tr>
<td>Total</td>
<td>577,861</td>
<td>841,287</td>
<td>-263,426</td>
<td>-31.5%</td>
</tr>
</tbody>
</table>
Michigan Technological University
Michigan Tech Fund
Fundraising Productivity Report
July 1, 2009 through August 31, 2009
Compared to Prior Year

<table>
<thead>
<tr>
<th>Source</th>
<th>Goal</th>
<th>FY10 YTD Total</th>
<th>% YTD</th>
<th>FY09 YTD Total</th>
<th>FY08 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals - Major Gifts (25k and up)</td>
<td>19,200,000</td>
<td>76,000</td>
<td>0%</td>
<td>60,105</td>
<td>10,074,255</td>
</tr>
<tr>
<td>Realized Planned Gifts (Unanticipated - 25k and up)</td>
<td></td>
<td></td>
<td></td>
<td>290,000</td>
<td>494,989</td>
</tr>
<tr>
<td>Individuals - non-Major Gifts</td>
<td>1,160,000</td>
<td>62,169</td>
<td>5%</td>
<td>91,597</td>
<td>1,311,503</td>
</tr>
<tr>
<td>Full Value New Planned Gift Commitments</td>
<td>7,300,000</td>
<td>525,000</td>
<td>7%</td>
<td>838,759</td>
<td>4,405,000</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>1,590,000</td>
<td>148,612</td>
<td>9%</td>
<td>99,005</td>
<td>1,580,119</td>
</tr>
<tr>
<td>Corporations</td>
<td>2,265,000</td>
<td>198,830</td>
<td>9%</td>
<td>201,114</td>
<td>1,628,528</td>
</tr>
<tr>
<td>Foundations &amp; Other Orgs</td>
<td>750,000</td>
<td>8,304</td>
<td>1%</td>
<td>9,285</td>
<td>212,341</td>
</tr>
<tr>
<td>Gifts-in-Kind</td>
<td>750,000</td>
<td>0</td>
<td>0%</td>
<td>200,000</td>
<td>1,219,569</td>
</tr>
<tr>
<td>Grand Total</td>
<td>33,000,000</td>
<td>1,045,734</td>
<td>3%</td>
<td>1,833,342</td>
<td>21,688,366</td>
</tr>
</tbody>
</table>

---

1. Except for the Annual Fund, all totals include outright gifts and the full amount of new pledge commitments.
2. Annual Fund includes cash from prior year pledges in addition to outright current year gifts and new pledge commitments due current year.
3. An individual's gifts given through another source (i.e. family foundation or closely held business) are credited to the individual.

D. Resignations, Retirements & Off Payroll

It was moved by R. Reck, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control accepts the resignations and confirms the off payroll determinations.

BOARD OF CONTROL OFF-PAYROLL REPORT
(June 14, 2009 – September 5, 2009)

OFF PAYROLL

Choi, Byung
Henquint, Jeffrey
Moore, Michael
Mortimer, D C
Urnezius, Eugenius

RESIGNATION

Bostic, Heidi
Brill, John
D'Souza, Roshan
Hoagland, Alison
Maggi, Federico
Sutherland, John

RETIRED

Brokaw, Alan
Freisinger, Randall
Logue, Marshall
Olsson, Milton

OFF PAYROLL

Department

- Computer Science
- Social Sciences
- Interdisciplinary Studies
- Cognitive & Learning Sciences
- Chemistry

Title

- Assistant Professor
- Visiting Assistant Professor
- Instructor
- Visiting Assistant Professor
- Assistant Professor

Hire Date

- 08/18/02
- 08/13/06
- 05/09/05
- 08/18/08
- 08/19/01

Term Date

- 08/08/09
- 08/08/09
- 08/08/09
- 08/08/09
- 08/08/09

RESIGNATION

Department

- Humanities
- Cognitive & Learning Sciences
- ME-EM
- Social Sciences
- Forest Resc & Env Sciences
- ME-EM

Title

- Associate Professor
- Assistant Professor
- Assistant Professor
- Professor
- Research Asst Professor
- Professor/Henes Chair

Hire Date

- 08/20/00
- 08/12/07
- 08/17/03
- 08/29/94
- 11/03/08
- 09/03/91

Term Date

- 07/31/09
- 08/08/09
- 08/16/09
- 08/09/09
- 07/01/09
- 08/16/09

RETIRED

Department

- Business and Economics
- Humanities
- Chemistry
- Visual & Performing Arts

Title

- Professor
- Professor
- Associate Professor
- Professor

Hire Date

- 11/24/75
- 08/30/77
- 09/01/81
- 08/31/76

Term Date

- 08/31/09
- 07/24/09
- 08/08/09
- 08/21/09
E. Disclosure of Potential Conflict of Interest

It was moved by R. Reck, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control has received Mr. Hicks’ disclosure of a potential conflict of interest and will retain a copy of the disclosure on file in the Board of Control office.

F. Emeritus Rank

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

1.) Dr. Richard E. Brown, Professor Emeritus, Department of Chemistry
2.) Dr. John G. Williams, Professor Emeritus, Department of Chemistry
3.) Dr. John L. Lowther, Professor Emeritus, Department of Computer Science
4.) Dr. Randall R. Freisinger, Professor Emeritus, Department of Humanities
5.) Dr. Edward M. Nadgorny, Professor Emeritus, Department of Physics
G. 2010 Meeting Dates

It was moved by R. Reck, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the meeting dates as presented.

Thursday, March 4, 2010  
Friday, April 30, 2010  
Thursday, July 15, 2010  
Thursday, October 7, 2010  
Friday, December 10, 2010

H. Honorary Degrees

It was moved by R. Reck, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the awarding of an Honorary Doctorate in Business to Mr. George J. Butvilas, and Mr. David J. Brule, Sr.

IV. ACTION/DISCUSSION ITEMS

IV-A. Capital Campaign

At the March 2009 meeting, the Board of Control voted unanimously in favor of extending the Capital Campaign's quiet phase one year, to June 30, 2010. Since that time, the Administration, the Capital Campaign Committee, and the Michigan Tech Fund Board of Directors have contemplated the option of adding a year to the projected campaign timetable, to at least June 30, 2013.

Two factors prompt this recommendation. One is the effects of the economic and market downturn of the last eighteen months. As it has with many campaigns nationwide, this downturn has slowed the pace of both corporate and individual giving. There is recent evidence that the economy may be recovering, but it is difficult to project when giving will return to its earlier levels. The second reason for the recommendation is that the development staff continues to turn up many new prospects, and will need time to nurture these new relationships and steer them toward fundraising outcomes.

The recommendation does not fix the campaign’s conclusion at June 30, 2013. That decision will be made through a recommendation to the Board of Control at the time of the public phase launch, when the final goal will be announced.

It was moved by L. Ashford, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control approves extending the projected duration of the Capital Campaign to June 30, 2013, with the final deadline and goal to be established at the conclusion of the quiet phase.
IV-B. Approval of Non-Mandatory Transfers

Board of Control Policy 13.23. Policy Regarding Non-Mandatory Transfers requires that the Audit and Finance Committee review all non-mandatory transfers in excess of $500,000 that have not been approved as part of the annual operating budget, and that all transfers in and out of the retirement and reserve accounts be approved by the Board of Control.

It was moved by S. Hicks, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approve the non-mandatory transfers in and out of the Retirement and Insurance (R&I) fund as presented herein.

<table>
<thead>
<tr>
<th>Michigan Technological University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfers Report</td>
</tr>
<tr>
<td>June 30, 2009</td>
</tr>
</tbody>
</table>

**Needs the approval of the Board of Control**

All transfers in and out of the R&I fund

<table>
<thead>
<tr>
<th>Transaction Date</th>
<th>Document ID</th>
<th>Description</th>
<th>Annual</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-Nov-09</td>
<td>J0107222</td>
<td>Crisis Communications Reimbursement</td>
<td>$5,000</td>
<td>R&amp;I</td>
<td>General</td>
</tr>
<tr>
<td>10-Jan-09</td>
<td>J0108334</td>
<td>Battery - Artificial External Defibrillator (AED)</td>
<td>(493)</td>
<td>R&amp;I</td>
<td>General</td>
</tr>
<tr>
<td>9-Mar-09</td>
<td>J010483</td>
<td>Auto Claim - Dump Truck</td>
<td>(8,268)</td>
<td>R&amp;I</td>
<td>Auxiliary</td>
</tr>
<tr>
<td>14-Apr-09</td>
<td>J0110255</td>
<td>Risk Management and Insurance</td>
<td>(10,000)</td>
<td>R&amp;I</td>
<td>General</td>
</tr>
<tr>
<td>23-Jun-09</td>
<td>J0116681</td>
<td>Auto Claim - Meter Pool</td>
<td>(275)</td>
<td>R&amp;I</td>
<td>Auxiliary</td>
</tr>
</tbody>
</table>

**Budgeted**

<table>
<thead>
<tr>
<th>Transaction Date</th>
<th>Document ID</th>
<th>FY09 Insurance Premiums</th>
<th>Annual</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>31-Oct-08</td>
<td>J0106131</td>
<td>FY09 Sports Insurance Premiums</td>
<td>9.100</td>
<td>Auxiliary</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>8-Oct-08</td>
<td>J0106206</td>
<td>FY09 Insurance Premiums</td>
<td>900,000</td>
<td>General</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>5-Feb-08</td>
<td>J0107545</td>
<td>MIPSEP Health Subsidy</td>
<td>2,706,000</td>
<td>General</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>10-Dec-08</td>
<td>J0107908</td>
<td>FY09 Insurance Premium - Agiswell (Research Vessel)</td>
<td>2,885</td>
<td>Designated</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>10-Dec-08</td>
<td>J0107821</td>
<td>FY09 Auto Insurance Premium</td>
<td>9.460</td>
<td>General</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>10-Dec-08</td>
<td>J0107621</td>
<td>FY09 Auto Insurance Premium</td>
<td>4,560</td>
<td>Designated</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>10-Dec-08</td>
<td>J0107921</td>
<td>FY09 Auto Insurance Premium</td>
<td>1,400</td>
<td>Irreplaceable</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>10-Dec-08</td>
<td>J0100204</td>
<td>FY09 Auto Insurance Premium</td>
<td>31,815</td>
<td>Auxiliary</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>1-Apr-09</td>
<td>J0110435</td>
<td>FY09 Insurance Premium</td>
<td>217</td>
<td>General</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>1-Apr-09</td>
<td>J0110435</td>
<td>FY09 Insurance Premium</td>
<td>72,248</td>
<td>Auxiliary</td>
<td>R&amp;I</td>
</tr>
</tbody>
</table>

**Total R&I Fund Transfers** | $3,768,464

IV-C. Resolution Amending Bond Authorization Resolution of March 5, 2009

The original bond resolution was passed by the Board of Control on March 5, 2009, was shortly after the enactment of ARRA. At that time, it was unclear whether and how the market for certain of the new bond structures authorized under that act would develop, therefore the original resolution did not include language with respect to those structures for that reason. Since that time, a market has developed, and continues to develop, for one of those structures, known as "direct pay Build America Bonds". These bonds are issued by governmental entities, such as the Board of Control of Michigan Technological University, as taxable bonds (although subject to many of the same tax-related restrictions as tax-exempt bonds). The advantage to these bonds is that, so long as certain conditions set forth in the language of ARRA are met, the governmental issuer of the Build America Bonds is to receive each year from the federal government a subsidy equal to 35% of the interest paid on the bonds in that year until the bonds are retired. The desired effect is that governmental
issuers of Build America Bonds would receive through the pricing of the bonds a greater proportion of the benefit of the direct pay federal subsidy than they do of the federal subsidy inherent in tax-exempt bond structures.

The issuance of Build America Bonds requires the meeting of certain conditions, as noted above, and also requires the irrevocable designation of the bonds as taxable bonds by the issuer. Since these are new requirements, bond counsel believes it is necessary and appropriate for the Board of Control to specifically delegate to the University's Authorized Officers the power to make the designations and execute required certificates on behalf of the Board. This is the purpose of the required additional language included in the Amending Resolution.

It was moved by M. Richardson, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the Resolution Amending the Bond Authorization Resolution of March 5, 2009.

RESOLUTION AMENDING
RESOLUTION OF THE BOARD OF CONTROL OF
MICHIGAN TECHNOLOGICAL UNIVERSITY
AUTHORIZING THE ISSUANCE AND DELIVERY OF
GENERAL REVENUE BONDS AND PROVIDING FOR
OTHER MATTERS RELATING THERETO

WHEREAS, the Board of Control of Michigan Technological University (the “Board”) is a constitutional body corporate established pursuant to Article VIII, Section 6 of the Michigan Constitution of 1963, as amended, with general supervision of Michigan Technological University (the “University”) and the control and direction of all expenditures from the University’s funds; and

WHEREAS, On March 5, 2009, the Board adopted its RESOLUTION OF THE BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY AUTHORIZING THE ISSUANCE AND DELIVERY OF GENERAL REVENUE BONDS AND PROVIDING FOR OTHER MATTERS RELATING THERETO (the “Original Resolution”), authorizing the issuance of its General Revenue Bonds, Series 2009 (the “Bonds”); and

WHEREAS, the provisions of the American Recovery and Reinvestment Act of 2009 (“ARRA”), may allow the economic and efficient use of financing structures for the Bonds which are different from or alternative to the normal tax-exempt bond structures, including but not limited to the issuance of taxable “Build America Bonds” with related tax credits available to the Board or the holders of such bonds, or assignees thereof; and

WHEREAS, the procedures and market for structures available under ARRA have been developed since the adoption of the Original Resolution, and it is therefore necessary to
amend to Original Resolution to permit the use, if determined to be economic, of those structure in the marketing of the Bonds:

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY, AS FOLLOWS:

1. Section 2 of the Original Resolution is hereby amended by increasing the maximum redemption premium permitted in the case of a “make-whole” premium from 12% to 20%, and by adding to Section 2 a new last paragraph reading as follows:

“All or any portion of the Bonds may, subject to the parameters set forth above, be issued as Build America Bonds or under any other structure established or enhanced by the provisions of ARRA, and in connection therewith, each of Authorized Officers is authorized to make, for and on behalf of and as the act of the Board, any and all designations or elections (revocable or irrevocable), to execute and deliver any agreements, certificates or other instruments to or with the federal government or any agency thereof or the State of Michigan or any agency thereof, and to take any other actions necessary for the Bonds, the holders of the Bonds and the Board to receive any benefits, funds or federal subsidies available under ARRA.”

2. As amended hereby, the Original Resolution is ratified and confirmed and shall remain in full force and effect.

I hereby certify that the attached is a true and complete copy of a resolution adopted by the Board of Control of Michigan Technological University at a regular meeting held on October 8, 2009, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with applicable law, and that the minutes of said meeting were kept and will be or have been made available as required by applicable law.

IV-D. 2011 Capital Outlay Budget Request

It was moved by M. Richardson, supported by T. Baldini, and passed by voice vote without dissent, that the Board of Control approves the 2011 Capital Outlay Budget Request to be submitted to the State of Michigan.

Status of On-Going Projects

Phase I of the Center for Integrated Learning was completed in 2005

FY05 Capital Outlay (General Campus Renovations) was completed in 2007

Great Lakes Research Center – anticipated completion in 2011
<table>
<thead>
<tr>
<th>Rank</th>
<th>Project Name</th>
<th>Gross Sq. Ft. New</th>
<th>Gross Sq. Ft. Renovated</th>
<th>Total Project Cost (000’s)</th>
<th>State Funds (000’s)</th>
<th>Est. Const. Univ. Funds (000’s)</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>STEM Learning Facilities*</td>
<td>120,000</td>
<td>36,000</td>
<td>$50,000</td>
<td>$37,500</td>
<td>$12,500</td>
<td>2011 – 2013</td>
</tr>
<tr>
<td>2</td>
<td>Dillman Hall/Civil Engineering Exp. &amp; Renovation</td>
<td>10,000</td>
<td>86,000</td>
<td>$20,000</td>
<td>$15,000</td>
<td>$5,000</td>
<td>2013 – 2014</td>
</tr>
<tr>
<td>3</td>
<td>Campus Renewal State Funded Facilities</td>
<td></td>
<td></td>
<td>$5,000</td>
<td>$3,750</td>
<td>$1,250</td>
<td>2010 On-going</td>
</tr>
<tr>
<td>4</td>
<td>School of Business</td>
<td>39,000</td>
<td></td>
<td>$12,000</td>
<td>$9,000</td>
<td>$3,000</td>
<td>2012 – 2014</td>
</tr>
<tr>
<td>5</td>
<td>Manufacturing Center</td>
<td>45,000</td>
<td>20,000</td>
<td>$21,000</td>
<td>$15,000</td>
<td>$6,000</td>
<td>2015 – 2016</td>
</tr>
<tr>
<td>6</td>
<td>Electrical Eng. &amp; School of Tech. Exp &amp; Renovation</td>
<td>35,000</td>
<td>20,000</td>
<td>$20,000</td>
<td>$15,000</td>
<td>$5,000</td>
<td>2013 – 2014</td>
</tr>
</tbody>
</table>

*Formerly titled - Center for Integrated Learning and Information Technology – Phase II (STEM) Science, Technology, Engineering, Math

**Project Descriptions**

Science Technology Engineering Math Learning Facilities

The College of Sciences & Arts has proposed completing the Center for Integrated Learning and Information Technology’s second phase at a cost of $50,000,000. The project was phased at the request of the State of Michigan. Phase I was completed in February of 2005. Science Technology Engineering Math (STEM) Learning Facilities proposes the continued renovation of Fisher Hall’s 36,000 sq. ft., the addition of another 120,000 sq. ft. and bridges connecting the Center to Wadsworth Hall and the Memorial Union Building. The renovated and new space will provide 24 university-wide classrooms, 14 classroom labs, 25 research labs, 120 offices for faculty and staff, 44 graduate student offices. Mathematics, Physics, Library, Computer Sciences, Center for Computation and the Dean of Sciences & Arts would occupy the renovated and expanded facility.
Dillman Hall Expansion & Renovation

The Department of Civil and Environmental Engineering has proposed renovating and expanding Dillman Hall at a cost of $20,000,000. The project would include renovation of Dillman Hall’s existing 86,000 sq. ft. and the addition of 10,000 gross sq. ft. Renovation of Dillman Hall would include HVAC, electrical, mechanical code updates, ADA restrooms, elevator and architectural renewal, windows, walls, flooring, ceilings and lighting.

Campus Renewal

Maintenance and renewal are critical as Michigan Tech’s campus crosses the threshold from new low-maintenance facilities to older facilities that require a significant investment to remain up-to-date. These renewal programs would include updating building systems with efficient, sustainable equipment. Classroom technologies will enhance the academic success of every Michigan Tech student. In addition, these projects would contribute to attracting, retaining, and supporting a world class and diverse faculty, staff and student population.

School of Business & Economics

The School of Business & Economics has proposed the renovation of the Academic Office Building at a cost of $12,000,000. With the relocation of Cognitive and Learning Sciences, the facility’s 39,000 gross sq. ft. would provide for growth of the SBE’s programs. Renovation of this facility would include HVAC, electrical, mechanical, fire and safety, ADA restrooms, elevator and architectural renewal, windows, walls, flooring, ceilings, and lighting.

Manufacturing Research Center

The department of Mechanical Engineering – Engineering Mechanics (ME-EM) has proposed an addition to the ME-EM Building to house the Manufacturing Research Center. The project cost is estimated at $21,000,000.

The addition is planned to meet the manufacturing learning center’s present and future needs. The addition would consist of about 45,000 gross sq. ft. which will house state-of-the-art research facilities, conduct externally funded research, and train future generations of engineers focused on sustainable processes in both macro and micro/nano manufacturing. The Center will involve interdisciplinary teams conducting research in green engineering, renewable energy technologies, virtual assembly/disassembly, take back logistics and product value assessment. The Center will conduct research on high volume production of emerging micro/nano technology devices such as molecular diagnostic systems for early disease detection, multifunctional materials that not only protect but also power, sense and adapt to changing environmental conditions, and large-scale cooperative systems to facilitate renewable energy harvesting.
MICHIGAN TECHNOLOGICAL UNIVERSITY
FY 2011 MAJOR CAPITAL OUTLAY PROJECT REQUEST
SCIENCE TECHNOLOGY ENGINEERING MATH LEARNING FACILITIES
$50,000,000

Is The Project a Renovation or New Construction? Ren X New X
Is There a Five-Year Capital Outlay Plan Available? Yes X No
(Projects will not be approved without a current Five-Year Plan on file with the State Budget Office.)
Are Professionally Developed Program Statements and/or Schematic Plans Available Now? Yes No X
Are Match Resources Currently Available? Yes No X
Has the University Identified Available Operating Funds? Yes X No

A. Project Description Narrative

The Science Technology Engineering Math (STEM) Learning Facilities will house instructional space that will be expanded, upgraded, and redesigned to support a new infrastructure for acquiring knowledge. It will also include approximately 45,455 sq. ft. of new construction to house the Department of Mathematical Sciences, Department of Physics, and the School of Business and Economics. Integrating instructional and information systems will allow for innovation in the way faculty and students engage in learning and teaching, conduct research, collaborate, organize information, and create knowledge. The Learning Facilities will thereby enhance the academic success of every Michigan Tech student and produce graduates poised to exercise leadership and innovation in industry and research in an economy dominated by managing information and developing information technologies.

The instructional space will incorporate video-conferencing, video-streaming, and other Internet delivery and online-learning technologies. These capabilities will be vital to Michigan Tech’s delivering advanced degrees in science, technology, and engineering education and stimulating K-12 students’ interest in science and technology. Obviously, this facility’s impact will be statewide and beyond.

Fisher Hall, our main classroom and office facility for math and physics, and classroom space for business and many other disciplines, was built in the 1960s, when Michigan Tech was a predominantly undergraduate institution. An additional 120,000 sq. ft. of classrooms and labs, along with 36,000 sq. ft. of remodeled space in Fisher Hall will meet the needs of a modern undergraduate, graduate, and research institution. The completion of Phase I and FY05 Capital Outlay (General Campus Renovation) in 2005 comprised the Van Pelt and Opie Library and Rekhi Computer Science Hall, both with some technology-intensive classrooms. This has been a great start and the STEM Learning Facilities will complete this effort.
The proposed project includes new program space, continued renovation of Fisher Hall, site improvements, parking, and utility revisions. It also includes physical connections between the Van Pelt and Opie Library, Fisher Hall, and Wadsworth Hall.

The environment to be provided by the Learning Facilities’ new electronic classrooms, computer laboratories, training rooms, learning centers, experimental computations program, and library will foster collaborative, technology-enhanced, integrated teaching and learning. Classrooms will be flexible and include multimedia technologies. Some will be high-technology classrooms with computer stations and/or wireless laptop connectivity to provide the ideal collaborative environment for interactive question-and-answer-based computer-accessible instruction and learning.

As a core element, the Learning Facilities will integrate emerging information technologies and services into the overall academic life of the University. It will promote the innovative synthesis, creation, application, and diffusion of knowledge. It will further the educational and research missions of the University as well as the economic and cultural goals of the State. The Learning Facilities will also provide departmental and interdisciplinary research spaces for the Department of Computer Science, Department of Mathematics, Department of Physics, and for the Center for Experimental Computation.

We estimate that construction can begin in fiscal year 2011 with completion in 2013. The operating costs are estimated to be $700,000 annually.

B. Other Alternatives Considered

Fisher Hall and the Van Pelt and Opie Library were both built in the 1960’s, decades before computers and electronic information delivery were introduced into mainstream academic life. New graduate and research programs added faculty, research positions, and required large increases in library holdings. Computerization added entire new academic programs within the Department of Computer Science. All of these have been managed and provided for through reduction of classrooms, elimination of study space, and reuse of library support areas. These are the very spaces that are now needed to support classroom technology and online learning, while taking advantage of technology capable of creating a balance between electronic information and printed information. We were able to free up additional space in the past by moving the Department of Humanities out of Fisher Hall and moving a number of library holdings to a storage facility on campus. These moves exhausted our opportunities to relocate additional academic programs. We have considered construction of a new remote facility for library documents and reusing the existing library for information management programs, study, and staff needs. The construction cost for such a facility would be similar to construction at the existing site and would bring additional operational and management costs. We can improve utilization of Fisher Hall by moving faculty offices, research, and instructional labs out of spaces designed and originally built as classrooms and modify and update those spaces to meet many of the demands of technology in the classroom. However, this cannot be accomplished without the construction of new space. Constructing an addition to the Library and Fisher Hall and efficiently reusing the existing spaces is clearly the most cost-effective solution to our problem.
C. Programmatic Benefit to State Taxpayers and

Specific Clientele or Constituencies

The revised State constitution of 1964 (the same year that Fisher Hall was constructed) established Michigan Tech’s mission, stating that “The institution shall provide the inhabitants of this state with the means of acquiring a thorough knowledge of the mineral industry in its various phases, and the application of science to industry, as exemplified by the various engineering courses offered at technological institutions, and shall seek to promote the welfare of the industries of the state.”

STEM Learning Facilities will provide innovative links between instruction and research, and between instruction and development of information competencies, thereby improving student success especially in the crucial first two years when students are acquiring the basics in science, mathematics, and the humanities. Ultimately, the unique integration of instruction, research, and the development of information competencies will provide all Michigan Tech graduates with the capacity to access, evaluate, and effectively use information technologies and resources to keep abreast of breaking developments in their fields, regardless of major. Michigan Tech graduates will be poised to exercise leadership in industry and research in an economy dominated by the management of information and the development of information technologies, meeting our constitutional mission in ways that were not even conceived of when it was written in 1964.

D. Funding Resources

STEM Learning Facilities fund raising is a continuation of the successful efforts for Phase I, and the University is committed to raising the $12.5 million necessary to see the completion of this most vital endeavor, for our students, the State, and beyond.

IV-E. Revisions to Board of Control Policies


All of the above policies provide access to programs and services at Michigan Tech. The intent of these policies is to provide a funding mechanism and structure to ensure students on the Michigan Tech campus have access to quality facilities and educational programs. Students pay associated fees and derive benefits from those fees. There are a number of other constituents (senior citizens, university employees, etc.) that do not pay related fees, but receive benefits from these programs and services.

Currently those 60 years of age or older are allowed to enroll in courses and the University waives their tuition and related fees. It is being recommended that the Board of Control change the policy to clarify that those 60 years of age or older will not be assessed a fee or receive any of the associated benefits.
All of the other policies (9.16. Memorial Union Building Fee, 9.21. Student Development Complex Fee, 9.22. Memorial Union Building Support Fee, and 9.24. Experience Tech Fee) do not include wording to indicate who has access to these programs and services. It is recommended that the Board of Control amend the policies to articulate that students not enrolled on the main campus, university employees, and/or senior citizens are not assessed the related fees, and therefore are not eligible to receive associated benefits.

It was moved by T. Baldini, supported by S. Hicks, and passed by voice vote without dissent, that the Board of Control amends policies 17.5. Enrollment for Senior Citizens, 9.16. Memorial Union Building Fee, 9.21. Student Development Complex Fee, 9.22. Memorial Union Building Support Fee, and 9.24. Experience Tech Fee as presented.

The amended policy shall read as follows:

17.5. ENROLLMENT FOR SENIOR CITIZENS

The University may authorize financial aid or waive tuition and required or related fees for up to two on campus courses per semester for individuals who are 60 years of age or older. Individuals who are not assessed fees are not entitled to receive any associated benefits.

This policy supersedes Board of Control policy 17.5. Enrollment for Senior Citizens dated November 22, 1996.

The amended policy shall read as follows:

9.16. MEMORIAL UNION BUILDING FEE

The Administration is authorized to continue the special fee of $15.00 per semester for each enrolled student. This fee is to be earmarked for improvements and operations of the Memorial Union Building.

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 9.16. Memorial Union Building Fee dated October 2, 2008.

The amended policy shall read as follows:

9.21. STUDENT DEVELOPMENT COMPLEX SUPPORT FEE

The Administration is authorized to assess a Student Development Complex Support fee of $31.00 per semester for each enrolled student. This fee is earmarked for support of the operational cost of the Student Development Complex (SDC) and is intended to guarantee students priority service in that facility to include, but not limited to:
The reworking of the space reservation policy for the SDC to establish an open reservation period beginning the 13th week of the spring semester. During this period, all groups (registered student groups, campus groups and community programs and groups) would be able to reserve space in the SDC for the upcoming May 1st through May 31st of the following year. These reservations would be processed on a first come first served basis and would be binding; thus leveling the reservation playing field.

Registered student groups will be allowed to use the facility up to two hours after the closing time without incurring any charges.

Registered student groups will not be charged for fund raising events that occur in the SDC.

Registered student groups will not be charged any fees for use of the facility if the event falls within the normal hours of operation (including the aforementioned two hours after closing) with the exception of possible charges for lifeguards for private, non-regular pool use, or other non-regular facility use.

The SDC in conjunction with their advisory board and Auxiliary Services will coordinate additional services.

This fee is intended to substantively improve the Student Development Complex and the services provided to students. It is not intended to replace or subsidize current General Fund support. Excess revenue generated by this fee will be committed to improvements in this building and the services offered.

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 9.21. Student Development Complex Support Fee dated March 5, 2009.

The amended policy shall read as follows:

9.22. MEMORIAL UNION BUILDING SUPPORT FEE

The Administration is authorized to assess a Memorial Union Building Support fee of $37.10 per semester for each enrolled student. This fee is earmarked for support of the operational cost of the Memorial Union Building and is intended to guarantee students priority service in that facility to include, but not limited to:

- The reworking of the space reservation policy for the MUB to establish an open reservation period beginning the 13th week of the spring semester. During this period, all groups (registered student groups, campus groups and community programs and groups) would be able to reserve space in the MUB for the upcoming May 1st through May 31st of the following year. These reservations
would be processed on a first come first served basis and would be binding; thus leveling the reservation playing field.

- Registered student groups will not be charged for fund raising events that occur in the MUB.

- Assumption of the costs associated with the basic IT costs-phone and network connections-for the student organization offices.

- The MUB in conjunction with the Memorial Union Board and Auxiliary Services will coordinate additional services.

This fee is intended to substantively improve the Memorial Union Building and the services provided to students. Excess revenue generated by this fee will be committed to improvements in this building and the services offered.

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 9.22 Memorial Union Building Support Fee dated March 5, 2009.

The amended policy shall read as follows:

9.24. EXPERIENCE TECH FEE

The Administration is authorized to assess an Experience Tech Fee of $64.00 in each of the fall and spring semesters and $32.00 for the summer semester for each enrolled student. The fee is to improve student access to facilities and events to include, but is not limited to, Mont Ripley Ski Hill, Intramural Sports, Portage Lake Golf Course, Gates Tennis Center, Visual and Performing Arts Department events and Hockey Games.

The Fee is designed to replace revenue from individual student ticket sales and fees to support operational costs and improvements to these facilities. Procedures for the distribution of funds will be established by the Administration in consultation with Student Government.

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 9.24. Experience Tech Fee dated March 5, 2009.
V. REPORTS

A. External Auditor’s Report – Mr. Steve Peacock, Rehmann Robson

Mr. Steve Peacock provided the Board with the following report.

The Board has received a draft audit document and with the approval of the transfers today, the only changes that would be made to the draft documents would be some additional supplemental footnotes that will be added with respect to accounting pronouncements that were adopted at the Michigan Tech Fund. The University notes will remain unchanged, but there will be additional footnotes that will be added. Most of them will be accounting policy related, such as financial accounting standards 157 and financial accounting position 117-1 as it relates to endowments and investment activities.

In our opinion the financial statements are present fairly in all material respects, the respect of financial position of the business type activities and the discreetly presented component unit of Michigan Technological University as of June 30, 2009 and 2008 and the respective changes in financial position and cash flows were applicable, thereof for the years that ended in conformity with accounting principles generally accepted in the U.S. This is a clean, or an unqualified opinion, that is the highest level of assurance we can place on financial statements, which is good news for Michigan Tech.

The additional opinions that will appear in the final document as it relates to the grant audit will be clean opinions as well. There are two additional opinions that will be clean opinions that will be in the back of the document that talk about our audit procedures over federal grant dollars.

With respect to the management’s discussion and analysis which appears on pages 3 through 10, the MD&A is a document that is prepared to make the financial statements more readable for the lay person, and is a required document in the audit report. However, we are not required to audit that particular document. We do read it to make sure that it is consistent with the final document that we put our opinion on, and as of this point we have no changes and we agree with the content on pages 3 through 10.

Mr. Hicks had mentioned that the university is on sound financial ground, and I would concur. However, in light of the economic uncertainty with the State of Michigan, we have no idea what is going to happen with appropriations, so stick close to your guard as far as expenditure control and revenue enhancement to the best of your ability. Remember, the State of Michigan can change at a moment’s notice and it directly affects your bottom line.

The audit went very smooth this year. As I mentioned we are about 98% complete with the audit, and that cannot get done without the help of Dan Greenlee, Joe Herbig, Amy Hughes, and Suzanne Morin from the Tech Fund, along with the remainder of the accounting staff. You have a top notch staff here at the university. Every couple years we rotate a quality control partner through this engagement, and this year Chuck Shaffer was involved with the audit. Chuck’s comment, to me before I left Traverse City on Tuesday, was that he is
extremely impressed with the institution both in the technical ability and their attention to quality as with respect to internal controls.

B. Michigan Tech Fund Report – Mr. George Butvilas, Chair

Michigan Tech Fund Update
to the Board of Control
October 8, 2009

George Butvilas

MICHIGAN TECHNOLOGICAL UNIVERSITY
Generations of Discovery
Campaign Progress Summary
as of September 30, 2009

Alumni & Friends $ 71,542,443
Corporations 27,064,021
Private Foundations 2,028,032
Gifts-in-Kind 4,270,159
Grand Total $104,904,656

Michigan Tech Fund
Goals Summary Chart
July 1, 2009 through June 30, 2010
(in millions)

FY10 Goal

Restricted individual gifts
Major $19.20
Other 1.16
Planned Gifts 7.30
Annual Fund 1.59
Corporations 2.25
Foundations & Other .75
Gifts-in-Kind .75
Total $33.00
Campaign Timetable

Quiet Phase
July 1, 2006
July 1, 2010
June 30, 2013

*Set final goal
*Set final deadline
Three Recent Gift-Enabled Ceremonies

Rozsa Center Art Gallery
- Bequest from Eileen Niva
- Started at Tech in 1935 – graduated in 1971!
- Worked in the library……loved the library and the arts

Materials Science Seminar Room
- Expanded and upgraded
- Gifts from alumnus Dr. John '43 and Virginia Towers and alumnus Charles McArthur '50
- The Towers also fund a lecture series
Erick Dyke '91 Endowed Scholarship in Computer Science

- Erick died last year of cancer

- Wife Michelle '91, Erick's parents, and business partner presented the first scholarships last week

- Result of largest single memorial gift response in Tech's history

Michigan Tech Fund Board Meetings

Starting tomorrow......

Focus:

1. Campaign Quiet Phase

2. Building Culture of Philanthropy
Highlights:

1. Dave House – recognition for $10 million of giving

1. Frank Pavlis

2. Engineering and SBE advisory boards will join

C. Enrollment Report – Dr. Les Cook, Vice President for Research
   A copy of Dr. Cook’s report was included in the agenda book.
D. Research and Sponsored Programs Report – Dr. David Reed, Vice President for Research
   A copy of Dr. Reeds’s report was included in the agenda book.
E. University Senate Report – Dr. Rudy Luck, President
   A copy of Dr. Luck’s report was included in the agenda book.
F. Undergraduate Student Government Report – Ms. Cara Hanson, President
   A copy of Ms. Hanson’s report was included in the agenda book.
G. Graduate Student Council Report – Mr. Randal Harrison, President
   A copy of Mr. Harrison’s report was included in the agenda book.

VI. INFORMATIONAL ITEMS
   A. Analysis of Investments
   B. University Issued Bond Balances
   C. Research and Sponsored Programs
   D. Advancement Report
   E. Recent Media Coverage

VII. OTHER BUSINESS

There was no other business at this time.

VIII. PUBLIC COMMENTS

There were no public comments at this time.
IX. CLOSED SESSION FOR PERIODIC PERSONNEL EVALUATION OF PRESIDENT MROZ

It was moved by L. Ashford, supported by T. Baldini, and passed by voice vote without dissent, that the Board of Control proceed into closed session for a periodic personnel evaluation. (A closed session for a such 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  Reck - Yes
Clark - Yes  Ashford - Yes
Hicks -Yes  Gronevelt - Yes
Baldini – Yes

The motion passed.

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

X. ADJOURNMENT

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

________________________________________
Secretary of the Board of Control

________________________________________
Chair, Board of Control