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

Meeting of
September 29, 2005
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MINUTES OF THE FORMAL SESSION OF THE BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY held pursuant to due call in Ballroom B of the Memorial Union Building on the campus of Michigan Technological University in the City of Houghton, Michigan at nine o’clock on the morning of September 29, 2005.

The Board of Control of Michigan Technological University met in formal session at the University’s campus at Michigan Technological University in the City of Houghton, State of Michigan, at 9:00 a.m., on the 29th day of September, 2005, in Ballroom B of the Memorial Union Building. The place, hour, and date duly established and duly published for the holding of such a meeting.

The meeting was called to order by the Chair, M. Henricksen, and a quorum was declared present.

The following members of the Board of Control were present:

   M. C. Henricksen, Chair
   D. J. Brule
   K. I. Clark
   R. A. Groneveld
   R. A. Kershner
   N. A. Rautiola
   G. D. Mroz, ex officio

The following members were absent:

   R. A. Reck
   M. K. Richardson

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; William Steeb, President of the Michigan Tech Fund; Shea McGrew, Vice President of the Michigan Tech Fund; Ellen S. Horsch, Vice President for Administration; Les P. Cook, Vice President for Student Affairs; and various members of the faculty, administrative staff, student body, press and public.

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

It was moved by D. Brule, supported by K. Clark, and passed by voice vote without dissent, that the agenda of the formal session of September 29, 2005, as distributed to the Board, be approved.

II. APPROVAL OF MINUTES

It was moved by R. Gronevelt, supported by K. Clark, and passed by voice vote without dissent, that the minutes of the formal session of August 4, 2005, be approved.

III. CLOSED SESSION

It was moved by K. Clark, supported by D. Brule, and passed by voice vote without dissent, that the Board of Control proceed into closed session for real estate transactions and a periodic evaluation of President Mroz. (A closed session for such purposes is provided for in Sections 8 (a) and (d) of P.A. 267 of 1976). (A roll call vote is required).

Roll Call Vote:

Kershner – Yes  
Rautiola – Yes  
Brule – Yes  
Clark - Yes  
Gronevelt - Yes  
Henricksen – Yes

The motion passed.

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

Seaman Mineral Museum Property

It was moved by K. Clark, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control authorizes the University President to proceed with the acquisition of the real estate comprising the recently surveyed site for the Seaman Mineral Museum from the Quincy Mine Hoist Association at a cost of $2,000.

IV. OPENING REMARKS

A. Chair’s Comments

Good morning and welcome to today’s Board of Control meeting. Our two Board committees, the Finance & Audit and Academic Affairs, met yesterday on campus in Wadsworth Hall. This was a great opportunity for us to see first hand the beautiful
renovations to Wadsworth Hall. For all those members of team that led this project, our
heartiest thanks. We will be hearing reports from both committees later in the meeting.

I would like to take a moment to express our heartfelt sympathy to those that have
tragically suffered as a result of Hurricane Katrina. This natural disaster has affected all
of us, and I want to applaud Michigan Tech for stepping up to the plate to help these
people. Through one of the universities outreach activities, Rodney Snow has come to
Michigan Tech in pursuit of his master's degree in electrical engineering. We are pleased
to have Rodney on campus, and are wishing him much success.

As many of you also know, the Natural Resource Commission met on campus on
September 8. In addition to the Commission meeting, we were able to spend some
individual time with the Commissioners showcasing our outstanding research programs
and facilities. Needless to say, they were very impressed. I want to thank President
Mroz and Provost Reed for hosting the Commission and to all of those involved in
educating them on Michigan Tech.

The higher education budget has been approved by the House and Senate conferees, and
Michigan Tech is slated to receive a 3/10ths is of a percent increase in funding for the
fiscal year 2006. The Governor is expected to sign this compromise budget.

We are also pleased that the State of Michigan will be contributing $50,000 to our
upcoming Science and Engineering Expo, which will be held at Ford Field on October
29. Some 10,000 students from grades 8 through 12 will be in attendance and it is a great
opportunity for Michigan Tech to excite these youth about careers in science and
engineering. The State's contribution is more than double last year's support. We are
grateful to Director Hollister and the Governor for this strong support.

Also, we are pleased that the final on campus student numbers are 263 above last year's
count. Indeed, one would have to go back to 1983 to find a larger freshman class than
this year's. Undergraduate students accounted for 185, and the number of graduate
students increased by 78. We will be hearing more about enrollment from Les Cook and
Dave Reed later in the meeting.

Continuing with our practice of highlighting significant research projects, I want to
congratulate Gregg Bluth, John Gierke, Bill Rose, and Essa Gross from the Department
of Geological Mining Engineering and Sciences for being awarded a $2.3 million
National Science Foundation grant. The grant will be used to study Remote Sensing for
Hazard Mitigation and Resource Protection in Pacific Latin America. This will have a
tremendous impact on these developing countries, but equally important advanced
nations also have a mutual interest in furthering remote sensing capabilities for natural
hazard mitigation and resource development. This will allow our students and faculty to
work in these different cultures and prepare students for careers in science and
engineering. It will also be significant boost to our Peace Corp Masters International
program in Natural Hazards which features a two year field assignment, as well as an
enterprise program for undergraduates which will give teams of geo engineering students
the opportunity to work for three years in a business like setting to solve real world
problems. Congratulations for your outstanding efforts.
I also wanted to extend our congratulations to Dr. Clark for receiving the NASA Distinguished Public Service Medal, which is awarded to non-governmental personnel whose distinguished accomplishments contributed significantly to the NASA mission. This is the top honor that NASA can bestow on an individual and is an extremely scarce medal. As NASA has indicated, Dr. Clark’s service as a member of the Space Shuttle Return to Flight Task Group is crucial to NASA’s endeavors to return the Space Shuttle safely to flight. Congratulations to Dr. Clark.

Before I turn it over to President Mroz, we would like to welcome Bill Steeb, President of the Michigan Tech Fund to our meeting today.

B. President’s Comments

I want to start by reminding everyone that the 4-0 Husky Football Team is playing this week at home against Gannon. They both need and appreciate your support. There is also women's and men's cross country meets tomorrow at the Cross Country Ski Trails, and they also need your support. As this is Parents Weekend the campus will be full of visitors so put on your best smiles.

Currently, we have 13,500 pre-registered students for the YES EXPO. You may recall that the reason for the EXPO is to build excitement in engineering and science in the State. This is in concert with what the Governor has asked for and is also an outcome of the Cherry Commission Report that dealt with higher education and economic development in the State, which really drives home the point that science, engineering, business, communication, and management are very important to the State of Michigan. The EXPO will be held at Ford Field on October 26. All of the major public universities in the State, plus community colleges and other private colleges in the State will be present. It's supported by over 100 exhibitors this year, which is probably over double of what was there last year. Also, groups such as the Detroit Science Center, the Henry Ford Museum, Cranbrook Institute Science, and NASA will be in attendance. The students that have registered so far come from over 140 different schools in the State, a dozen Girl and Boy Scout troops and also home schoolers. We are very grateful to the Dow Foundation, the Department of Labor and Economic Growth, and the David House Foundation their support. Additional information can be found at www.yes.mtu.edu.

Today you are going to hear about enrollments and associated revenues that are on track. The graduate school is growing, and research funding is increasing. New programs are developing with alumni support. A record number of 197 exhibitors were at Career Day the day before yesterday. There are new businesses being developed in the SmartZone. Budget agreements are coming together in Lansing on our funding, and we are listed as one of the best 500 universities in the world. This is against a backdrop of ending last year by reducing our general fund debt and also starting to make some in-roads in improving compensation levels for faculty and staff at Michigan Tech. None of this would be possible without everyone in this organization doing the right things right each
and every day, and for that I am very grateful. I’d also like to thank the Board members for their effort to do the same and for their support.

As a university and a community we will look forward to further progress on these things in the coming year and we are going to continue to build around, and celebrate, our successes. Continually keep in mind that we do measure ourselves by the success of our students and the success of our alumni. That is the key. One of the things that we are going to focus on this year is diversity. We have to look more like the nation in which we live, and the customer base of the companies and agencies that come here to get our graduates and employ them. We will continue our emphasis on compensation of our faculty and staff that is consistent with our vision of Michigan Tech as an institution grounded in quality that has a national reputation. We will be looking at academic support for programs as we move forward because we have growth in areas and we want to make sure that the growth continues in all of the areas across the university. Recruiting and marketing efforts will continue this year as well, probably at an even higher intensity than we have in the past.

We have had some successes this year that people are pretty fired up about, and we want to enhance and build on those as well so that we can get the bright, motivated, adventurous students who will create the future. Financial security is still high on the radar screen. Financial security as afforded by things like a balanced budget. A budget that can absorb shocks so that we don’t have to pass the hat if the State decides that they need to reduce our appropriations. Preparing the university for a campaign will take on a variety of different looks across campus, not only improving our fiscal position, but also improving the looks of some of the places on campus, as well as getting the right people in the right seats on the bus. We want to shift to a culture in our budgeting where programs drive the budget and not the other way around. We want to be able to set our priorities and then put our money where our mouth is basically.

Finally, we want to review our strategic plan. We have had 18 groups this past year do a variety of different analyses on everything from the campus climate for women, the ratings of the university in U.S. News and World Report, summer programs, marketing, tuition and financial aid, and many others. This has basically provided the launch pad for us to take a look at our strategic plan and see how the reality of what the committees have come up with match with what we want to be and where we want to go. When the people in the year 2020 look back at us they will be able to say that we were good stewards of Michigan Tech and we were really serious about our role at Michigan Tech, at this point in time, to take Michigan Tech to a higher level of service to the people of the State of Michigan and the nation and especially those students, and their families, who put their trust in us for their education.
V. ACTION/DISCUSSION ITEMS

V-A-1. Academic Affairs Committee Report

Dr. Kathryn Clark reported that the Academic Affairs Committee met yesterday afternoon in Wadsworth Hall. The Committee began gathering data to prepare for the March Board retreat where they will be discussing the strategic plan and potential changes to plan that President Mroz mentioned in his opening remarks.

Dr. Tim Schulz of the Blue Ribbon Committee on National Rankings reported on his Committee’s findings as to what it would take for Michigan Tech to be in the Top 50 of U.S. News & World Report’s rankings.

In addition, the Committee also discussed the generous $2 million gift from alumnus Frank Pavlis, who graduated from Michigan Tech in 1938 with a Bachelor of Science in Chemical Engineering. Working closely with President Mroz and Dean Bob Warrington, they developed a creative program which will enrich the curriculum, and provide special seminars, as well as critical international exposure for highly capable students throughout their Michigan Tech education. The program was modeled on the experience of Mr. Pavlis and a number of other alumni who devoted their careers to managing innovation. These skills are critical to the highly competitive global economy. As President Mroz often underscores, as a nation we cannot afford to outsource innovation. This program will provide our students with the education to excel as it fuses science and technology with business and communication skills. Consequently, on behalf of the Academic Affairs Committee, Dr. Clark offered the following resolution to underline the strong support of the Board for the program which Mr. Pavlis’ $2 million will enable us to implement. President Mroz commended the efforts of Eric Halonen and Shea McGrew for making this program become a reality.

It was moved by R. Gronevelt, supported by N. Rautiola, and passed by voice vote without dissent, that the Board of Control accepts, with gratitude, the $2 million gift from alumnus Frank Pavlis to promote technological leadership at Michigan Technological University. The Board of Control strongly endorses this program which will allow Michigan Tech to initiate a four-year technological leadership program that will give our students an innovative and visionary entrepreneurial spirit, and the necessary communication and people skills, as well as a broad systems perspective that includes not only technical breadth and awareness, but also the global business sense to create a sustainable, quality future.

V-A-2. Enrollment Report

Dr. Les Cook presented the Fall 2005 Enrollment Report. A copy of this report was included in the agenda.
V-A-3. Research and Sponsored Programs Report

Dr. Dave Reed reported on the graduate student enrollment, and the activities of the research and sponsored programs. A copy of this report was included in the agenda.

V-A-4. Degrees in Course

It was moved by K. Clark, supported by R. Kershner, 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 Spring 2005

Associate in Applied Science in Civil Engineering Technology
  Michael Owen Henricksen
  Neil Arthur Holshoe
  Brian Michael Johnson
  Bret Daniel Kilpela
  Travis John Kilpela
  Dan Michael Rautiola
  David J Shamion

Associate in Applied Science in Chemical Engineering Technology
  Alexander William Kennedy
  Alexander William Kennedy
  Robert Lee Knake

Associate in Applied Science in Electrical Engineering Technology
  Andrew K McInnis

Associate in Applied Science in Electromechanical Engineering Technology
  Clay Evan Anderson
  Brandon Robert DeGuire
  Quincy A Schultz
  Jessica Leigh Tracey - Cum Laude

Associate in Humanities
  Pavi Elle Shanell Poole

Bachelor of Arts in Liberal Arts
  Kristyn Mae Blessing - Cum Laude
  Laura Anne Gentry - Magna Cum Laude
  Eric Charles Horwitz
  Jesse Robert Kentala - Cum Laude
Jason Bradley Marcotte
Jennifer Jean Tchida
Jenni Kay Toutant

Bachelor of Arts in Scientific and Technical Communication
Shaun Pierre LeVeque - Cum Laude
Anna Marie Schultz - Cum Laude
Kimberly Christine Segal - Summa Cum Laude
Burns Oscar Severson

Bachelor of Science in Business Administration
Manahi SH Al Qahtani
Ali Mahmood Ali Al-Rahma
Matthew Robert Baker
Brian T Bartczak
Amanda Michelle Bates - Magna Cum Laude
Brian Kelly Beck
Angela Tara Botero
Joshua J Buettner
Joseph A Butsic - Magna Cum Laude
Kimberly Ann Cameron
Emily Ann Chamberlain - Cum Laude
Susan Caroline Coy - Magna Cum Laude
Cameron Wallace Ellsworth - Cum Laude
Justin Matthew Fitch - Cum Laude
Erin N Gowler - Magna Cum Laude
Robert James Grutza
John David Hartman - Cum Laude
April M Heinen
Christopher Gene Hesterberg
Joshua Robert Hundsrucker
Matthew Philip Johnsen
Donald Joseph Kaczynski
Jared C Klenow
Shawn Patrick Kloha
Robert Lee Knake
Michael Dennis Kolehmainen
Amy Jane Koski - Magna Cum Laude
Amber Joy LaJeunesse-Guidotti
Andrew Steven LaLuzerne - Magna Cum Laude
Tony B Liddle
Lori Beth Makela
Ryan Andrew Markham
Daniel Joseph Mettlach
Hannah Evelyn Mongiat - Magna Cum Laude
Jennifer Marie Nelson - Cum Laude
Ajiana Mirbekova Otunchieva - Cum Laude
Rebecca Marie Pietila - Magna Cum Laude
Megan Ina Pietila - Magna Cum Laude
Joseph John Piwko
Troy Clinton Proctor
Christopher John Robinette - Summa Cum Laude
Kyle T Rubin
Nicholas Duane Rupp - Magna Cum Laude
Adam Jacob Rychwalski
Tom A Saari
Erin Emily Schaller - Summa Cum Laude
Samantha Jo Schutz
Michael M Sharp
Tobias Randall Smith
Jamie Shin Huey Soo
Brad Thomas Sullivan
Rob C Swiatek
Dennis Alfred Taylor
Jaclyn Marie Tomaszewski
Michael Andrew Urban
Justin Taylor Vaughn
Patrick G Watza
Bryan Dancey Wiese
Ashley Victoria Martha Wisniewski
Randi Kathryn Woodward
Michael P Woudenberg
Yan Xue - Magna Cum Laude
Corey R Young
Michael Scott Young
Joseph Raymond Zerbst

Bachelor of Science in Biomedical Engineering
Erik Faber Bland
Melissa Joy Collins - Magna Cum Laude
Shaun R Engler
Melissa Gonsalves
Mark Howard Grieb - Magna Cum Laude
Emily M Haglund - Cum Laude
Melissa Ann Kanzelberger - Magna Cum Laude
Kristen Noell Karnowski - Cum Laude
Megan Leigh Killian
Allison Kay Koskey
Meghan Elizabeth McGee - Summa Cum Laude
Mary Elizabeth Moulder - Cum Laude
Christopher Donald Ormes
Amanda Lee Palm
Jason Scott Prudom
Anders Levi Riutta - Cum Laude
Joseph Joshua Rohrer
Rachel Ann Running
Emily Nicole Scarlvai - Cum Laude
Sakiko Suzuki - Summa Cum Laude
Jessica Lee VanRiper - Magna Cum Laude

Bachelor of Science in Engineering
David Michael Bendle
Neeraj Rajesh Bhagat
Matthew Franklin Black
Sarah Jane Brunetz - Cum Laude
Evelyn Marie Carpenter
Joel Phillip Olson
Michael Philip Raney
Jillian Marie VanBelle - Magna Cum Laude

Bachelor of Science in Civil Engineering
Azreen Abdul Latif
James Edward Anderson
Lindsey Dane Anderson
Tor Js Anderzen - Magna Cum Laude
Ryan Michael Arends
Douglas Michael Arnold
Christopher Raymond Bachman
Nicholas Jerry Beil
Eric Steven Bessolo
Jonathan D Bowerman
Jennifer Sue Byle
Patrick D Casey
Elaine Vera Chollet
Jason Andrew Cook - Cum Laude
Donald Charles Davis
Lisa Marie Davis
Timothy Alan DeLand - Cum Laude
Leslie Ann DellAngelo - Cum Laude
Carlin Fitzgerald
Raine Louise Gardner
Matthew W Hawkins - Magna Cum Laude
Heather Ashley Huber
Brandon Lee Jacobs
Stephen Walker Johnson
David Mathew Joye
Jared Paul Kangas
Jennifer Ruth Kilpela - Cum Laude
Mikael Henrik Kilpela
Paul William Koning
Soon Bum Kwon
Christopher Barry LaForte
Danielle Fawn Ladwig - Cum Laude
Daniel Albert Larson
Casey Michael Leach
Denise Lee Lilly
David W McCaw - Cum Laude
Michael Gene Momont - Cum Laude
Jeremy Lee Napiwocki
Karl Isaac Nelson
James R Nelson
Edward A Oom
Shannon Lee Pedit
Erron James Peuse - Magna Cum Laude
Michael Paul Phelps
Joelam Kirk Povich
Corey Isiah Pranger
Timothy Ron Rank - Magna Cum Laude
Robin Ranee Rogers
Michael Allen Royalty
Kevin Paul Royston
Adam Jacob Rychwalski
Kimberly Anne Schneck
Timothy John Sina
Jacob E Smith
Samuel Noah Sorensen
Kevin Albert Staus - Cum Laude
Rebecca Kay Steitz
Kristin Marie Stephens
Adam Duane Tilly
James Michael Walker
William Joseph Ward
Adam Scott Ward - Summa Cum Laude
Brian Gregory Wardman
Lisa Corrie Welling
Bret William Whealake
Jeremy John White
Timothy Richard Wolf - Cum Laude
Theresa Lynne Woodman

Bachelor of Science in Chemical Engineering
  Claire N Adams - Summa Cum Laude
  Ralph Daniel Allen
  Jacob A Alvaro
  Nicholas R Ballor - Summa Cum Laude
  Krystil Elizabeth Barrett
  Jennifer A Blauert - Cum Laude
  Brent N Bolm
  Melissa Jean Brown - Cum Laude
  Jennifer Lynn Bzura - Cum Laude
  Emily LeBar Callow - Cum Laude
  Dustin J Daniels
Joseph D DeWitt
Joshua Alan Enszer - Summa Cum Laude
Rebecca Jean Garlock - Magna Cum Laude
Jack Henry Garrison
Connie Louise Gherna
Kate Elana Hagerman
Rebecca Ann Hauser
Bethany Jean Heykoop
Eric E Hikade
Christopher Jon Hill - Cum Laude
Thomas Joseph Horenziak - Summa Cum Laude
Travis Hunter Hutchins
Jonathan G Jelsma - Cum Laude
Donald Joseph Kaczynski
Matthew J Keinath - Magna Cum Laude
Spencer Lee Kelly
Christopher Lemayian Kimojino
Keith D Kramer
Nikki Lynn Laitala
Eric Thomas Leather
Du Haeng Lee
Micky Paul Melefsky - Magna Cum Laude
Kevin Michael Merzlak
Ryan Arthur Michaud - Cum Laude
Harry Edward Mika
Angela Melissa Moran
Christopher Albert Nesbitt
Briana Marie Niessen - Cum Laude
Shawn Daniel Pfister
Alison Kaye Phillips - Cum Laude
Kevin Daniel Possi
Erin Maureen Randall - Summa Cum Laude
Pamela Laraine Rathke
Justin M Rau
Christine E Ringlein - Cum Laude
Christopher Scott Robinson - Cum Laude
Robert William Sandoval - Cum Laude
Teresa Jane Savaloja - Magna Cum Laude
James Adam Simoneau - Magna Cum Laude
Rachel Lynn Smith
Rochelle Frances Turner
Taylor Scott VanDusen
Benjamin Asa Vargo
Julia Lyn York - Magna Cum Laude

Bachelor of Science in Computer Engineering
Laweh Marcellous Baako
Lori E Burgener
Joe R Carli - Summa Cum Laude
Joshua V Dillon - Summa Cum Laude
John Elliott Forbes - Cum Laude
James Richard Fritz
Jonathan Louis Kaus - Summa Cum Laude
David R Lauzon - Cum Laude
Michael Matthew Morrison
Christopher Alan Nelson
Jason Wade Ostrenga
John Edward Rauch Jr
Robert R Rice - Cum Laude
Scott Francis Riopelle
Thomas Mike Skorupa
Alexander Glen Struthers
David John Subert - Magna Cum Laude
Eric H Tsai - Magna Cum Laude
Mike Theodore VandeVen - Cum Laude

Bachelor of Science in Electrical Engineering
John Russell Abramson
Michael Steven Acre
Weston Wayne Alberts
Kyle Mark Anderson
Brent Michael Barkel
Colin D Bell
Andrew Gerard Bjorne
Michael Lee Bolen - Cum Laude
Tyler T Bruning - Cum Laude
Stephen Andrew Burch
Aaron J Busche-Vold
Ryan J Caauwe - Cum Laude
Brandon Ray Carlson
Song Cheng
Laura Ann Cooper - Summa Cum Laude
Meghan Mary Corbett
Alan Robert Cross
Stephen Brooks Dodge
Caleb Steve Dunham
Mary Catherine Farmer - Cum Laude
Luke Edward Farrell
Michael W French
Matthew Jack Frisby
John William Gauss
Tanya M Geiersbach
Keith R Grzegorczyk - Magna Cum Laude
Gordon Matthew Halt - Magna Cum Laude
Bradley J Helminen
Thomas Joseph Hiltunen
Amel Hujdurovic
Rachel Grace Joziwak
Bradey Robert Jump
Nikolaos Dimitri Zachary Kazakos
Eric Michael Laflin
Anthony Dominic Locatelli - Cum Laude
Timothy Longsine
Stephen Matthew Malek - Magna Cum Laude
Gregory R Malone - Magna Cum Laude
Arun George Mathew
Kimmoy Yolanda Matthews
Matthew John McInnis
Bradley Robert McKenzie
Karl Walther Meller
David Andrew Meyer
Andrew Paul Mikola
Sumo Maurice Mulbah
Adaobi Gold Nnorukah
Emmanuel Peter Oche - Cum Laude
Brendan Scott Pancheri - Cum Laude
Brianna Leigh Pepp
Aria Pezeshk - Summa Cum Laude
Randy Joseph Pynenberg
Daniel Adam Rebori-Carretero
Aaron Joel Rettke
Jeremiah Michael Rich
Tiffany D Sandridge
Daniel Michael Sauer - Cum Laude
Stephen Sebastian Senior
Michael M Sharp
Andrew Ian Spina
Tanya Srivastava
Chad Andrew StArnauld - Summa Cum Laude
Brian Jonathan StJohn
Thomas J Strey - Magna Cum Laude
Erol Suleymanoglu
Wei-Lim Teoh
Bryce Allan VanBuskirk
David Alan Vennie
Jonathan Pierre Verville
Colin Tyler Vickman
Jayavanana Ram Vijayen
Samuel T Widhalm

Bachelor of Science in Environmental Engineering
Rachel Ellen Hatten
Ashley Grace Parks
Scott Andrew Pawlukiewicz - Cum Laude
Curtis Louis Pranger
Kenneth R Schmidt
Aaron Scott Tice - Magna Cum Laude
Tiffany A Torrance
Mary Brooke Warren
Bruce James Washburn - Summa Cum Laude

Bachelor of Science in Geological Engineering
Beth Caroline Blessing
Kirstin Anne Burns
Megan Lynn Lefevre - Cum Laude
Nicole Ann Rathbun
Amy Annette Rives

Bachelor of Science in Geology
Nicole Marie Bierschbach
Kelly Lynn Schomaker
Elizabeth Marie Siedlecki
Michael Allan Wales

Bachelor of Science in Mechanical Engineering
Mark Jason Addy
Justin Craig Aymen
Matthew Robert Baker
Jordan W Baker
Matthew James Barens
Joseph Jeffrey Bassindale
Wesley Harold Bekkala
Jeffrey Daniel Bischoff
Justin A Blake
David Joel Bouman
Matthew Lawrence Boyer
Jason Anthony Brady - Magna Cum Laude
Farah Joy Bray
Michael Robert Brewster
Scott Alan Buckingham - Cum Laude
Melissa M Carlson
Ben Michael Cercone
Michael Roland Clements
Angela Susan Cohrs
Craig William Cook
Jonathan Carroll Coyne - Magna Cum Laude
Jonathan Charles Creisher
Diana C Dean
James Robert Deto
Jessica Marie Dowker
Brigham R Erickson - Summa Cum Laude
Traci Ann Faulkner
Nathaniel James Gentry
Bryant J Gerbers
Christopher Ashley Gibbs
Jason E Gillespie - Summa Cum Laude
Gregory D Goffard
Andrew Clark Greenlee
Benjamin Scott Heichelbech - Cum Laude
Robert John Hicks
Shaun Joseph Hockers - Cum Laude
Gregory Allan Humphreys
Chukwuemeka Peter Collins Igboanugo - Cum Laude
Richard Greg Inman
Andrew David Jerz
Matthew Philip Johnsen
Jeffrey Walter Johnson
Christie Lynn Johnson - Cum Laude
Timothy John Kapelanski
Christopher Michael Koehler
Kevin Mark Kohlwey
Andrew Lee LaFountain
Jonathan Michael Larson
Birkir Larusson
Choon Jin Liew
Aaron M Linford - Summa Cum Laude
Andrew Thomas Litts
Sabrina Sin Mei Liu
Jacob Ryan Lubinski
Michael Alan Martin - Cum Laude
Saurabh Mathur - Summa Cum Laude
Andrew Welch Mayer - Cum Laude
Samantha Aranell Mayville - Cum Laude
Katherine Sarah Medford
Laura Kristine Merkel - Magna Cum Laude
Bradley Lee Morgan
William N Murphy
Roger Paul Murphy
John Paul Nancarrow
Jason D Newport
Todd Michael Northrup
Kelly M O'Marro
William Raymond Oleszkiewicz
Jonathan Joseph Osborne - Magna Cum Laude
Mark D Pederson - Magna Cum Laude
Christopher A Pollum - Cum Laude
Christopher John Polonowski - Magna Cum Laude
Austin Curtis Raines
Rodney J Rajnauth
Andrew Walter Richards - Summa Cum Laude
Micah Carl Richmond
Shay A Roby
Dale Robert Saari
Aaron David Scherwinski - Magna Cum Laude
David M Schimke
Michael Paul Schmit
David Louis Schwedler
Anthony Jay Schwenn
Sandy Marie Skauge - Cum Laude
Michael James Soetaert - Cum Laude
Steven Craig Soliz
Korinne Mormon Stasa - Magna Cum Laude
Kyle Benjamin Stewart
Karl Andrew Sturos
Jonathan Schuyler TenEyck
Ryan Robert Thut - Cum Laude
Dietrich William Tice
Jason D Tjernlund
Timothy Traczyk - Cum Laude
Rebecca Marie Trierweiler - Cum Laude
Ian Robert Unterbrink
Hayley Megan Varda
Drew Michael Vettel - Magna Cum Laude
Chad Michael Walber - Cum Laude
Lee Jay Wells - Magna Cum Laude
Evan Michael Whitney
James Michael Zakerski
Christopher A Zellner
Brian Stephen Zink - Summa Cum Laude

Bachelor of Science in Mining Engineering
Timothy Clark Crosby
Jennifer Marie Holzworth
Luis Alejandro Sierra
Ralph Allan Sitler

Bachelor of Science in Materials Science and Engineering
Derek William Aluia
Carl Wade Ballinger - Cum Laude
Beth Ann Blumhardt - Cum Laude
Emily Rose Braun - Magna Cum Laude
Margaret Therese Bush
Josh Daniel Farris
Amberlee Jean French
Daniel Luke Hunt
Michael Eric Jenson
Anna Lisa Keranen - Cum Laude
William David Kiilunen
Michael Austin Klecka
Michael Dennis Lawrence - Cum Laude
Stephanie Ann Oehlke - Summa Cum Laude
Erica Lind Orth - Magna Cum Laude
Danielle Marie Richmond
Andrea Dee Schmidt
Lauren Paige Snedeker - Magna Cum Laude
Victoria J Sternhagen
Matthew J Wolfe
Jana Marie Young

Bachelor of Science in Applied Ecology and Environmental Sciences
Laurie Anne Coulter - Summa Cum Laude
Lindsey Kay Moritz - Summa Cum Laude
Natalie Jean Nelson - Cum Laude
Sara Crystal Selden
James Paul Servi
Terence Robert Smith - Cum Laude

Bachelor of Science in Forestry
Brian Scott Allshouse - Cum Laude
Eric Joseph Anderson - Cum Laude
Sara Lynn Bach - Cum Laude
Lori Sue Caelwaerts - Cum Laude
Summer L Farr - Cum Laude
Chad Michael Fate
Michael Dan Forster
Michael John Granroth
Helena Lynne Haycock - Magna Cum Laude
Maria Kathryn Janowiak - Summa Cum Laude
Ryan John Mattila
Andrew F Nault
Erin M Taylor

Bachelor of Science in Applied Physics
Gregory D Foster, Jr

Bachelor of Science in Bioinformatics
Nicholas David Krom - Magna Cum Laude

Bachelor of Science in Biological Sciences
Jodi Lynne Allain
Char Lee Beesley
Julie A Butler - Magna Cum Laude
Michelle Lee Carlson
Nicole E Frantti - Magna Cum Laude
Janet Lee Frederick
Rebecca Jean Garlock - Magna Cum Laude
Paul William Hagan - Magna Cum Laude
Heather Marie Herrild
Kirsten Lynn Holmlund
Katy Louise Houmont
John Andrew Hribljan
Rejean Paul Kangas
Eric Lee Kendig - Cum Laude
Timothy John LaBonte - Summa Cum Laude
Matthew Stephen LeFevre - Magna Cum Laude
Erin Kimberly Parks
Hilary Marie Sherzer
Simon N Smith - Cum Laude
Binta Tamedou
Catherine Ruth Waisanen - Summa Cum Laude
James Sheau Yang Wee - Cum Laude
Abbigale Joan Ellyn Wilson
Corey R Young

**Bachelor of Science in Chemistry**
Joshua David Bailey - Cum Laude
Jason Glen Baragar - Cum Laude
Jonathan Jaye Helmus - Magna Cum Laude
Joseph Alan Lamberson
Amanda Marie Leonard
Shannon Leigh McCarney
Rachel Ann Vonck - Magna Cum Laude

**Bachelor of Science in Clinical Laboratory Science**
Kathryn A Hemp
Jana Rene Johnson - Magna Cum Laude
Rachel Lee Lee - Summa Cum Laude
Tina Lynn Schoos - Magna Cum Laude
James William Sullivan - Cum Laude
Kristen Marie Thennes
David Andrew Young

**Bachelor of Science in Computer Science**
Craig Alan Acock
Redha Mohd Bahar Redha Ali Alhashimi - Cum Laude
Joshua Allen Anderson - Magna Cum Laude
Gedare A Bloom - Cum Laude
Mui Hui Chin
Eric Paul Cole
Matthew J Dehring
Benjamin Thomas English
Kyle James Erickson - Summa Cum Laude
James Ralph Folkertest
Christopher Allan Fuller - Summa Cum Laude
Heather Sue Gannell - Cum Laude
Adam S Giacobazzi
Steven Paul Isaacson - Magna Cum Laude
John Anthony Jeske
Jeremy Jay Koenen - Cum Laude
Nicholas David Krom - Magna Cum Laude
Subramanya Nages Kuppahalli
Hock Yen Lim
Muhammad J Masood
Peter J Mooney - Cum Laude
Takayuki Nakamura - Cum Laude
Dmitry Podkuiiko
Shiva Aditya Murthy Rallapalli - Cum Laude
Adam Wayne Robertson
Jason D Saari
Matthew T Schmiermund
Kevin D Schneider
Michael J TerAvest
Amin Yashar Teymorian - Summa Cum Laude
Andrew Thomas Thorstensen - Magna Cum Laude
Brian Lee Weeden
Matthew J Wartanen
Nickolas Edward Young - Magna Cum Laude

**Bachelor of Science in Computer Systems Science**
Ryan D Byrne
Aaron Michael Hudeck - Cum Laude

**Bachelor of Science in Mathematics**
Andrew Scott Bonk
Melanie Ann Friedlander - Cum Laude
Erica S Holmsten
Matt David Jukkala
Shantel Shae Juntunen
Michael Allan Krohn - Cum Laude
Melissa Marie Peterson - Summa Cum Laude
Veronica Jean Rozmiarek - Magna Cum Laude
Abra Deborah Seelig
David M Slater - Summa Cum Laude
Rob C Swiatek
Timothy John Wicklund - Cum Laude

**Bachelor of Science in Psychology**
Mark Christopher Andrasko - Cum Laude
Erick R Makela
Aaron Joel Rettke
Sara Jewell Thumberger - Summa Cum Laude
Bachelor of Science in Software Engineering
Kevin Michael Kolasinski

Bachelor of Science in Social Sciences
Kristen C Campbell
Christine Ann Gravelle
Benjamin J Hall
Elizabeth Anne Hall - Magna Cum Laude
James Wesley Hansen
Michelle Therese Kovachich
Nicole Elizabeth Stratton - Summa Cum Laude
Rebecca Suzanne Subert - Cum Laude
Laura Ann Walikainen - Summa Cum Laude

Bachelor of Science in Scientific and Technical Communication
Brian David Bessert
Paul Irwin Blodgett
Zach Dane Edgerton
Katie Grace Hammars - Magna Cum Laude
Kathleen Linda King - Cum Laude
Allison Ruth Michels - Cum Laude
Dustin Michael Pomprovitz - Cum Laude
Kelly Renee Wesemann - Cum Laude

Bachelor of Science in Engineering Technology
Matthew Ryan Barr
Gregory Robert Bosk
Graham Raymond Bradley
Matthew C Bradt
Andrew Warren Brooks
Casey Joseph Calouette
Peter Andrew Fallon
Matthew W Gibson
Peter James Gilbertson
Cory Michael Glander
Jacob Daniel Grundemann
Andrew Stephen Hills
Gregory Alan Hunt
Randy Eli Hyrka
Michael David Kasten - Cum Laude
Patrick Aaron Keller
Matthew Scott Klank
Timothy Allen Niedzwiecki
David Christopher Niemela
Anthony Gene Ocampo
Philip Edward Pack
Scott J Pienkos
Brandon Gerald Posh
Thomas J Powell
Kiel David Quatman
Adam Samuel Romzek
David A Ruxton
Leighton James Schnell
Brian J Stephani
Kevin Richard Thompson

**Bachelor of Science in Surveying**
Spencer J Barron
Mark Allan Cantor
Gregory B Dutkiewicz
Ronald Bartholomew Hansen - Cum Laude
James Dean Hollandsworth - Summa Cum Laude
Neil Arthur Holshoe
Timothy A Inman - Magna Cum Laude
Marshall Frederick Pierce
Ala Feras Sawalha
Christopher Michael Stebbins - Cum Laude
Darin Lee Thelen
Jordan Thomas VanLiere
Mitchell Gary Wimbush - Cum Laude
Timothy Richard Wolf - Cum Laude

**Master of Engineering in Engineering**
Clint R Mayoral
Andrew J Zobro
Alexis James Lee
Timothy Michael Tomlanovich

**Master of Forestry in Forestry (MF)**
Jason Thomas Collins

**Master of Science in Business Administration**
Steven Michael Anschuetz
Justin Michael Fraczek
Jason Allen Walter
Thomas Charles Wolk

**Master of Science in Civil Engineering**
Sara Loreen Hardyniec
Patrick Michael Leow
Preston Scott Pendley
Christopher John Robinette
Ravi Chandra Shrestha
Master of Science in Chemical Engineering
  Basak Anameric
  Yah Nan Chia
  Nathan Andrew Pawlak

Master of Science in Electrical Engineering
  Vikas Bhargava
  Divya Kant Gupta
  Nathaniel William Hart
  Balaji Jayaprakash
  Ganesh Krishnakumar
  Seetha Manickam
  David James Pelster
  Alok Sabherwal
  Suresh Mohandas Shenoy
  Swen Sorvala
  Atul Verma
  Qian Zheng

Master of Science in Environmental Engineering
  Lauren Marie Fry
  Daniel Mauricio Hurtado
  Rebecca J Spicer
  Kelly L Stanforth
  Courtney Brooke Tyndell
  Sarah Kathleen Volkman

Master of Science in Mechanical Engineering
  Benjamin Charles Andrus
  Sangram Ajit Bagwe
  Patrick Jonathan Calder
  Gary John Gorsalitz
  Patrick Dean Grattan
  Adam Michael Hales
  Mohammed Hasan
  Hugo Damian Jimenez
  Daniel Paul Leep
  Niranjan Ramchandra Londhe
  Satyajit Avinash Lonkar
  Thomas William Piaget
  Abhay SurendraK Rawal

Master of Science in Forest Ecology and Management
  Jennifer Ann Griggs
  Laura Anne Kruger
  Jonathan Kent Neuendorff
  Matthew Dean Powers
Master of Science in Forestry
  William Amos Johnson Hart
  Jon K. Vehring
  Daniella Kathy Zanin

Master of Science in Biological Sciences
  Joshua Eli Blankenheim
  Patience Cree Tenney

Master of Science in Computer Science
  John Nelis Fisher
  James Anthony Lembeke
  Roopesh Rajendra Palasdeokar

Master of Science in Mathematical Sciences
  Jonathan Youel Erstad
  Lisa Ruth Thimm
  Zhan Ye

Master of Science in Physics
  Vasyl Aleksenko

Master of Science in Rhetoric and Technical Communication
  Jill Marie Arola

Master of Science in Environmental Policy
  Agustin Robles Morua
  Katherine G Strong

Master of Science in Industrial Archaeology
  Keith P Baird
  Suika M Rivett
  David Aaron Vago

Doctor of Philosophy in Civil Engineering
  Wei Chiang Pang

Doctor of Philosophy in Electrical Engineering
  Shoumin Liu

Doctor of Philosophy in Materials Science and Engineering
  Yongqing Wang

Doctor of Philosophy in Engineering - Environmental
  James Richard Baker
  Yingtao Chai
Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics
Anand Haren Gandhi
Fang Guo
Min Hao
Rong Qu

Doctor of Philosophy in Chemistry
Parag Vijay Jog

Doctor of Philosophy in Mathematical Sciences
Melissa Sue Keranen
Valentin Boyanov Milanov
Qiuying Sha

Doctor of Philosophy in Physics
Alexei Vitalyevitch Dorofee

Doctor of Philosophy in Rhetoric and Technical Communication
Cheryl Elizabeth Ball
Julianne Irene Jasken

V-A-5. Emeritus Rank

It was moved by K. Clark, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control approves the appointment of Dr. Diana L. George as Professor Emerita in the Department of Humanities.

V-B-1. Audit and Finance Committee Report

Mr. Brule provided the Board with the following report.

The Finance and Audit Committee met yesterday in Wadsworth Hall. The Committee was very impressed with the improvements to that facility and the excellent housing environment that will provide for current and future generations of Michigan Tech students. The Board thanked everyone who had a hand in the Wadsworth Hall renovation.

Finance and Audit Charter

Using materials from both PriceWaterHouse Coopers and the AICPA, the Committee has created a workable charter for the Finance and Audit Committee and is recommending that the Board approve this charter.

It was moved by R. Kershner, supported by D. Brule, and passed by voice vote without dissent, that the Board of Control accepts the Finance and Audit Committee Charter as presented herein.
Finance & Audit Committee Charter

The primary audit responsibilities of the Finance and Audit Committee of the Board of Control are to:

- Provide an open avenue of communication among the University’s independent accountants, financial and senior management, the internal auditing department, and the Board of Control and a direct line of communication between the University’s internal auditors, external auditors and legal counsel and the Board of Control free of any influence of the Administration.

- Assure the integrity and accuracy of the University’s financial reporting process and internal control system.

- Monitor the audit processes of the University’s independent accountants and internal audit department.

- Determine that the University establishes and maintains adequate systems of financial control and compliance with all laws, rules and regulations, all contractual requirements and all of the University’s own rules and policies.

The Finance and Audit Committee shall consist of Board Members. Each member shall be free of any relationship that, in the judgment of the Board of Control, would interfere with the exercise of his or her independent judgment.

In fulfilling its responsibilities, the Committee may:

1. Review this Charter on an annual basis and update it as conditions dictate.

2. Review with management and the external auditors the University’s annual financial statements, including significant changes in accounting principles or their application prior to their publication to ensure that the statements fairly reflect the University’s financial position and results of operations.

3. Review with the independent accountants their audit report on the annual financial statements, including the application of the University’s accounting principles; and discuss with the independent accountants and management their judgment as to the quality of the University’s accounting principles.

4. Review and approve or modify the audit plans and activities of the independent accountants and the internal auditors, and the coordination of their audit efforts.

5. Recommend to the Board the selection or replacement of the independent accountants, taking into consideration independence and effectiveness. Approve all non-audit services proposed to be provided by the University’s outside auditors.
6. Review and concur in the appointment or replacement of the director of internal auditing.

7. Review the internal audit department’s staffing, budget and responsibilities and report its conclusions about the adequacy of each to the full board.

8. On a regular schedule meet with the director of internal auditing, the independent accountants and the University’s legal counsel in separate executive sessions to discuss any matters which the Committee or these groups believe should be discussed privately with the Committee.

9. Report Committee actions to the Board of Control, with such recommendations as the Committee deems appropriate.

10. Conduct or authorize investigations into any matters within the Committee’s scope of responsibilities and retain such experts or consultant as the Committee may consider necessary or desirable in connection with its responsibilities.

11. Consider such other matters with respect to the University’s financial affairs, internal controls and the internal and external audits as the Committee may deem advisable.

12. Annually review the expenses and expenditures of all University officers and such senior non-officer officials as the Committee considers appropriate.

13. Inquire of management, the internal auditor, and the independent auditors about significant risks or exposures facing the organization; assess the steps management has taken or proposes to take to minimize such risks to the organization; and periodically review compliance with such steps.

14. Review with each public accounting firm that performs an audit:
   - All critical accounting policies and practices used by the organization
   - All alternative treatments of financial information within generally accepted accounting principles that have been discussed with management of the organization, the ramifications of each alternative, and the treatment preferred by the organization.

15. Review with management and the independent auditors:
   - The organization’s annual financial statements and related footnotes
   - The independent auditors’ audit of the financial statements and their report thereon
   - The independent auditors’ judgments about the quality, not just the acceptability, of the organization’s accounting principles as applied in its financial reporting
   - Any significant changes required in the independent auditors’ audit plan
Any serious difficulties or disputes with management encountered during
the audit
Matters required to be discussed by Statement on Auditing Standards
(SAS) No. 61, Communication With Audit Committees (AICPA,
Professional Standards, vol. 1, AU sec. 380), as amended, related to the
conduct of the audit.

16. Periodically review the organization’s code of conduct/ethics to ensure that it is
adequate and up-to-date.

17. Review with the internal auditor and the organization’s general counsel the
results of their review of the monitoring of compliance with the organization’s
code of conduct/ethics.

18. Review the procedures for the receipt, retention, and treatment of complaints
received by the organization regarding accounting, internal accounting controls,
or auditing matters that may be submitted by any party internal or external to
the organization.

19. Review any complaints that might have been received, current status, and
resolution if one has been reached.

Financial Review of Fiscal Year 2005

The Committee reviewed the financial results for fiscal year 2005, and were pleased with
the report. Dan Greenlee will be presenting the financial highlights later in the meeting.

External Auditor Presentation and Discussion

The University’s external auditor’s, Rehmann Robson, represented by Partners Steve
Peacock and Stacey Kwaiser, presented a final draft of the 2005 fiscal year financial
statements, which were provided to the other Board members this morning. The
Committee discussed the process and scope of the audit and the few comments on
internal control weaknesses, with immediate actions taken by the Administration to
correct those weaknesses. The external auditors thanked Michigan Tech for the excellent
support that they received during the audit and gave many kudos to the staff for their fine
performance.

Review of Non-Mandatory Transfers

The Committee reviewed the non-mandatory transfers over $500,000, which is part of the
Committee’s responsibilities and found them to be appropriate and necessary. The Board
of Control will also review and approve any transfers in and out of the retirement and
insurance fund later in the meeting.
Capital Outlay Request

The Committee reviewed and discussed the 2007 Capital Outlay Budget Request which will also be presented to the full Board for approval later today. There are a number of campus improvements included within that request which the Committee feels are necessary to keep the quality of the education offered here at Michigan Tech at its highest level. The Committee appreciates the efforts of Dale Tahtinen and President Mroz in working with the legislature to fund Michigan Tech at a level that ensure its future success.

Mr. Kershner added that there were several recommendations throughout the external auditors report that were not implemented due to staffing and budget constraints and as a result we are making some trade offs with respect to financial controls. He also pointed out that the reserve in the current funds is not large enough based on the industry standard or guideline of a net asset balance of about 25% of the operating revenues for one year. Currently, Michigan Tech is at about a 10% level. Additionally, Mr. Kershner commented that although the external auditors provided a clean opinion, it does not necessarily mean that the numbers provided to the auditors could not be off the mark.

V-B-2. Approval of Non-Mandatory Transfers

It was moved by D. Brule, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control approves the non-mandatory transfers in and out of the Retirement and Insurance (R&I) fund as presented herein.
# Details of Transfer Report
**June 30, 2005**

<table>
<thead>
<tr>
<th>Date</th>
<th>Document</th>
<th>Description</th>
<th>Amount</th>
<th>Fund Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/15/05</td>
<td>J0082402</td>
<td>Hazardous Waste Clean up</td>
<td>(100,000)</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>11/01/04</td>
<td>ZINSURANC</td>
<td>E&amp;O and CGL expense / retentions, net</td>
<td>900,000</td>
<td>General</td>
</tr>
<tr>
<td>11/02/04</td>
<td>J0082136</td>
<td>FY04 insurance Premium</td>
<td>79,258</td>
<td>Auxiliary</td>
</tr>
<tr>
<td>07/23/04</td>
<td>J0076090</td>
<td>FY04-05 Insurance Premium-Agassiz</td>
<td>2,882</td>
<td>Designated</td>
</tr>
<tr>
<td>08/30/04</td>
<td>J0076690</td>
<td>FY04-05 Insurance Premium-Navicula</td>
<td>2,455</td>
<td>General</td>
</tr>
<tr>
<td>08/30/04</td>
<td>J0076691</td>
<td>FY04-05 Auto Insurance Premium</td>
<td>13,950</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>09/30/04</td>
<td>J0076691</td>
<td>FY04-05 Auto Insurance Premium</td>
<td>6,750</td>
<td>Designated</td>
</tr>
<tr>
<td>08/30/04</td>
<td>J0076691</td>
<td>FY04-05 Auto Insurance Premium</td>
<td>2,250</td>
<td>Expendable</td>
</tr>
<tr>
<td>08/30/04</td>
<td>J0076691</td>
<td>FY04-05 Auto Insurance Premium</td>
<td>37,800</td>
<td>Auxiliary</td>
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<tr>
<td>09/30/04</td>
<td>J0082403</td>
<td>FY04-05 Sports Insurance Premium</td>
<td>8,740</td>
<td>R&amp;I</td>
</tr>
</tbody>
</table>

**Subtotal** 1,054,085

| 11/01/04 | ZMPSHLTH | MPSERS Health subsidy                      | 2,705,000  | General        |
| 11/01/04 | ZFBXCESS | Budgeted transfer into General Fund        | (500,000)  | R&I            |

**Subtotal** (21,313)

**Net Grand Total of R&I Fund Transfers** 3,137,772
Summary of Transfers Report  
June 30, 2005

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOC MEETING - September 29, 2005</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All transfers in and out of the R&amp;I fund - Summarized for presentation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous Waste Clean Up:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer from R&amp;I Fund to Auxiliary Fund to fund the cleanup of hazardous waste from various parts of campus.</td>
<td>100,000</td>
<td>R&amp;I</td>
<td>Auxiliary</td>
</tr>
<tr>
<td>Insurance Support:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On periodic basis, transfers are made from the General, Designated and Auxiliary Funds to make payments for liability and E&amp;O insurance coverage, out of the R&amp;I Fund.</td>
<td>1,054,085</td>
<td>Various</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>MPSERS Health Care:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On monthly basis, the estimated cost of the MPSERS retirees health care is transferred from the General Fund to the R&amp;I Fund.</td>
<td>2,705,000</td>
<td>General</td>
<td>R&amp;I</td>
</tr>
<tr>
<td>General Fund Support:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transfer approved by the Board of Control, within the FY05 budget process, to support spending in the General Fund.</td>
<td>500,000</td>
<td>R&amp;I</td>
<td>General</td>
</tr>
<tr>
<td>Other: miscellaneous auto claims paid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>21,313</td>
<td>R&amp;I</td>
<td>Aux/Des</td>
</tr>
</tbody>
</table>

Net Grand Total of R&I Fund Transfers: 3,137,772

R&I Fund definition:
The principal function of an R&I Fund, is to match the assets and resources of the fund with the liabilities and reserves of the fund. The liabilities and reserves may include the benefits accrued to date, based on actuarial calculations. Under these conditions, the R&I Fund Balance will disclose whether accumulated contributions, earnings, investments, and receivables of the fund are adequate to meet the expected demands on the fund. MTU balances the fund assets and liabilities on a monthly basis, with the above transfers facilitating this balancing process.
V-B-3. External Auditor’s Report

Mr. Steve Peacock, of Rehmann Robson, reported that there was great discussion yesterday with respect to the audit and some of the communications that we are required to have with you as a Board, and, in fact, we are going to issue a clean opinion on the university. The status of the audit today is that the principal field work on the financial audit is complete. We are going to spend a couple of days up here in October to wrap up the grants and contracts audit at which point we will then be in the position to release the final audit reports.

This, again, is a clean opinion, but you will note there is a new governmental accounting standard that was required to be adopted by Michigan Tech as well as other institutions which is essentially a restatement of how we are going to disclose your deposits and investments in the footnotes to the financial statements. It is not a material change, but it is one to note that is required.

GASB 39 was required to be adopted last year which is a material change to the financial statements. In previous years the Michigan Tech Fund was excluded from Michigan Tech’s financial reports, however under GASB 39 it is required that the Michigan Tech Fund financial be presented along side of the financial statements for the university.

A couple of noteworthy points on the financial statements:

- On pages 14 & 15 the very top line item under primary institution is the cash and cash equivalents position. On page 15, which is the prior year 04, cash and cash equivalents are listed at $44 million, and this year they are at about $23.2 million. The principal reason for the reduction of that cash is the fact that those funds have been expended on the Wadsworth Hall Renovation Project. Last year the bond proceeds were listed in the cash and cash equivalents balances throughout the year, and these funds have been expended for the construction.

- Page 16 under the primary institution column three lines from the bottom it talks about the net increase in net assets of about $13.3 million. In the for profit world that would be called net income. However, the Board should be very cautious in describing that as such because that is essentially the net change in your net assets and this number is consisting principally of capital appropriations for the Wadsworth Hall Renovation Project along with other construction projects. This is not operating cash which you can expend for things other than buildings. This is earmarked for construction, and even though it flows through the income statement and produces this net income number, it is not money that can be used or expended on things other than buildings.

- On page 20 of the financial report under summary of significant accounting policies and financial statements we discuss the reasons and rationale behind GASB 40 which is again the reclassification of investments.
- On page 23 is the culmination of GASB 40. In previous audits you may have noted that there was a table that listed your investments by category, and that is essentially gone under this standard. On page 24 is the suggested model listing the investments.

- The remainder of the footnotes have been relatively consistent from period to period, and, as Mr. Kershner did suggest, a series of recommendations were made to the Board. The principal one is defined as a reportable condition. This is an item that the Board has to look at and the university is required to address. The other comments were offered as suggestions for improvements, but a reportable condition requires action. On page 27 it is noted that during the year there were some changes in the accounting department, and it was discovered that an individual had authorization, execution, and reconciliation powers for dealing with wire transfers. Accountants get nervous when people can complete the entire transaction from beginning to end without any intervention from anyone else. Mr. Greenlee and Mr. Hendricks were notified of that event, and immediately the necessary actions were taken to correct the situation.

Mr. Peacock did touch on hiring policies and suggested doing significant background checks on employees that are hired, especially with the internet selling credentials for everything and anything.

Mr. Peacock thanked Mr. Greenlee, Mr. Hendricks, and Ms. Hughes and their respective staff, along with Tim Malette and Julie Seppala for all of their efforts, as they were greatly appreciated.

It was moved by R. Kershner, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control accepts the FY 2005 Audit Report prepared by Rehmann Robson.

V-B-4. 2007 Capital Outlay Budget Request

It was moved by N. Rautiola, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the 2007 Capital Outlay Budget Request to be submitted to the State of Michigan.
### Capital Outlay

**V. Implementation Plan**

**September 13, 2005**

**a.) PRR Priority Ranking**

**Summary for Fiscal Year 2007**

**Institution:** Michigan Technological University

<table>
<thead>
<tr>
<th>Rank</th>
<th>Project Name</th>
<th>Gross Sq Ft</th>
<th>Total Project Cost (000's)</th>
<th>State Funds</th>
<th>Univ Funds</th>
<th>Start</th>
<th>Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Center Phase II *</td>
<td>100,000 New, 112,000 Renovation</td>
<td>$57,000</td>
<td>$42,000</td>
<td>$15,000</td>
<td>2008</td>
<td>2010</td>
</tr>
<tr>
<td>2</td>
<td>School of Business</td>
<td>115,000</td>
<td>$35,000</td>
<td>$25,000</td>
<td>$10,000</td>
<td>2010</td>
<td>2012</td>
</tr>
<tr>
<td>3</td>
<td>Civil Eng. Renovation</td>
<td>53,000</td>
<td>$25,000</td>
<td>$25,000</td>
<td>$10,000</td>
<td>2012</td>
<td>2013</td>
</tr>
<tr>
<td>5</td>
<td>Manufacturing Center</td>
<td>45,000</td>
<td>$21,000</td>
<td>$15,000</td>
<td>$6,000</td>
<td>2014</td>
<td>2015</td>
</tr>
<tr>
<td>6</td>
<td>Technology Center Expansion &amp; Renovation</td>
<td>35,000</td>
<td>$12,000</td>
<td>$9,000</td>
<td>$3,000</td>
<td>2012</td>
<td>2013</td>
</tr>
<tr>
<td>7</td>
<td>A. E. Seaman Mineral Museum</td>
<td>40,000</td>
<td>$12,000</td>
<td>$9,000</td>
<td>$3,000</td>
<td>2007</td>
<td>2010</td>
</tr>
<tr>
<td>8</td>
<td>Childcare Center</td>
<td>13,600</td>
<td>$2,251</td>
<td>$1,688</td>
<td>$563</td>
<td>2007</td>
<td>2008</td>
</tr>
<tr>
<td>9</td>
<td>MUB Expansion</td>
<td>120,000</td>
<td>$38,500</td>
<td>$5,000</td>
<td>$33,500</td>
<td>2009</td>
<td>2010</td>
</tr>
<tr>
<td>10</td>
<td>Parking Facility</td>
<td>600 spaces</td>
<td>$14,000</td>
<td>$0</td>
<td>$14,000</td>
<td>2008</td>
<td>2009</td>
</tr>
</tbody>
</table>

**Annual Projects - Cost (000's)**

- 4 Campus Renewal State Funded Facilities
  - 1,970,000
  - $1,400
  - $1,050
  - $350
  - 2006
  - On-going

- 4 Campus Renewal Self Supported Facilities
  - 1,032,000
  - $900
  - $0
  - $900
  - 2006
  - On-going

**Projects in Progress**

- 1 General Campus Renovations
  - 50,000
  - $10,000,000
  - $7,500,000
  - $2,500,000
  - 2005
  - 2007

*Center for Integrated Learning and Information Technology, Phase II*
V-B-5. Resolution Approving Conveyance of Property for the Ecosystem Science Project

It was moved by K. Clark, supported by D. Brule, and passed by voice vote without dissent, that the Board of Control approves the Resolution Approving Conveyance of Property for the Ecosystem Science Project and authorizes the Administration to execute the necessary documents for the reconveyance of this property.
A RESOLUTION OF THE GOVERNING BODY OF
MICHIGAN TECHNOLOGICAL UNIVERSITY REQUESTING CONVEYANCE OF
PROPERTY FOR THE ECOSYSTEM SCIENCE PROJECT, ACCEPTANCE
OF SAME AND ACCEPTING OBLIGATIONS FOR THE FACILITIES

A RESOLUTION of the Governing Body of Michigan Technological University (the
"Educational Institution") requesting and approving the conveyance of property and to provide
matters relating thereto.

WHEREAS, the State Building Authority (the "Authority"), a statutory body corporate
created under provisions of 1964 PA 183, as amended, is authorized to acquire, construct,
furnish, equip, own, improve, enlarge, operate, mortgage and maintain buildings, necessary
parking structures or lots and facilities and sites therefore for use by the State or any of its
agencies including institutions of higher education created pursuant to Sections 4, 5, 6 and 7 of
Article VIII of the Michigan Constitution of 1963; and

WHEREAS, the Educational Institution has been created and is maintained pursuant to
Sections 4 and 6 of Article VIII of the Michigan Constitution of 1963; and

WHEREAS, the Authority has previously acquired the Ecosystem Science Project and
the site upon which it was constructed (the Ecosystem Science Project and the site together are
the "Facilities") and the Authority leased the Facilities to the Educational Institution and the
State of Michigan (the "State") pursuant to a lease dated as of March 1, 2001 (the "Lease"); and

WHEREAS, under the terms of the Lease, the Authority agreed to convey title to the
Facilities to the Educational Institution upon request by the Educational Institution after the
Bonds which financed the Facilities (the "Bonds" as defined in the Lease) and any additional
bonds or other obligations as provided in the Lease are paid in full or provision for the payment
thereof is made as provided in the Lease for consideration of one ($1.00) Dollar and the
assumption by the Educational Institution of all monetary obligations and legal responsibilities
for the operation and maintenance of the Facilities; and

WHEREAS, the Bonds have been paid in full and all conditions established by the Lease
as conditions precedent to conveyance of title to the Facilities by the Authority to the
Educational Institution have occurred; and
NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE EDUCATIONAL INSTITUTION THAT:

1. The Educational Institution hereby requests that the Authority convey title to the Facilities by Quitclaim Deed to the Educational Institution.

2. The consideration for the conveyance of the Facilities shall be one ($1.00) Dollar and the assumption by the Educational Institution of all monetary obligations and legal responsibilities for the operation and maintenance of the Facilities.

3. The conveyance of the Facilities pursuant to the terms and conditions set forth above is approved and each of the ____________________________________________ and ____________________________________________ of the Educational Institution is authorized and directed to execute any documents to accomplish the conveyance of the Facilities in such form as may be requested by the Authority and approved by counsel for the Educational Institution.

4. All ordinances, resolutions and orders or parts thereof in conflict with this resolution are, to the extent of such conflict, repealed.

5. This resolution shall be effective immediately upon its adoption.
QUITCLAIM DEED

2001 Revenue Bonds, Series I
Michigan Technological University
Ecosystem Science Project

THIS QUITCLAIM DEED is made as of ________________, 2005 between the STATE BUILDING AUTHORITY (the "Authority"), a public body corporate and politic, organized and existing under the authority of 1964 PA 183, as amended (the "Act"), whose address is Lewis Cass Building, 320 S. Walnut Street, First Floor, Lansing, Michigan 48913, Grantor, and the BOARD OF CONTROL of Michigan Technological University (the "Educational Institution"), whose address is Michigan Technological University, 1400 Townsend Drive, Houghton, Michigan 49931, Grantee;

The Authority, as authorized by the Act, acquired the premises described on Exhibit A for the purpose of leasing the premises, including facilities constructed thereon, to the Educational Institution (the premises and the facilities together are the "Facilities"), and the Authority leased the Facilities to the Educational Institution pursuant to a lease dated as of March 1, 2001 (the "Lease").

Under the terms of the Lease, the Authority agreed to convey title to the Facilities to the Educational Institution upon request by the Educational Institution after certain conditions specified in the Lease have occurred.

All conditions precedent, as established by the Lease, to conveyance of title to the Facilities by the Authority to the Educational Institution have occurred and the Educational Institution has requested that the Authority convey title to the Facilities to the Educational Institution.

NOW THEREFORE, the STATE BUILDING AUTHORITY QUITCLAIMS to the BOARD OF CONTROL of Michigan Technological University the premises described on attached Exhibit A, together with all right, title and interest of the Authority in and to the premises; together with all the easements of record, tenements, hereditaments and appurtenances belonging or appertaining thereto for the use of the Educational Institution for the sum of One ($1.00) Dollar, the receipt of which is acknowledged, and the assumption by the Educational Institution of all monetary obligations and legal responsibilities for the operation and maintenance of the Facilities.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act. MCL 560.109(4).

THIS INSTRUMENT IS EXEMPT FROM COUNTY AND STATE REAL ESTATE TAX PURSUANT TO MCL 207.505(h)(i) AND MCL 207.526(h)(i), RESPECTIVELY.

The Grantor grants to the Grantee the right to make all available divisions under Section 108 of the Land Division Act, 1967 PA 238, as amended, MCL 560.108.
The State Building Authority, by its Deputy Executive Director, and the Board of Control of Michigan Technological University, by its ___________________________________________________________________ and ___________________________________________________________________, have executed this instrument as of the date written above.

STATE BUILDING AUTHORITY

By ______________________________

Deborah M. Roberts

Its: Deputy Executive Director

THE BOARD OF CONTROL
MICHIGAN TECHNOLOGICAL UNIVERSITY

By ______________________________

Its:

And ______________________________

Its:

STATE OF MICHIGAN) )
COUNTY OF INGHAM) )

The foregoing instrument was acknowledged before me in Ingham County, Michigan this ___ day of ____________________ 2005, by Deborah M. Roberts, as Deputy Executive Director, on behalf of the State Building Authority.

__________________________________________
Notary Public

Acting in Ingham County, Michigan
My Commission Expires: _______________________

STATE OF MICHIGAN) )
COUNTY OF HOUGHTON) )

The foregoing instrument was acknowledged before me in Houghton County, Michigan this ___ day of ____________________ 2005, by ____________________, as ____________________, on behalf of the Board of Control of Michigan Technological University.

__________________________________________
Notary Public

Acting in Houghton County, Michigan
My Commission Expires: _______________________

8433
09/29/05
STATE OF MICHIGAN)
COUNTY OF HOUGHTON)

The foregoing instrument was acknowledged before me in Houghton County, Michigan this ___ day of
2005, by _______________________________________________________________, as ________________________________
on behalf of the Board of Control of Michigan Technological University.

______________________________________________________________
Notary Public

________________________________________ County, Michigan
Acting in Houghton County, Michigan
My Commission Expires: ________________________________________

(Names of all signatories must be typed or legibly printed in black beneath their signatures.)

Drafted By and When Recorded Return To:
Alan J. Lambert
Assistant Attorney General
Finance Division
P.O. Box 30754
Lansing, Michigan 48909
Telephone: (517) 373-1130

cm/Filing Cabinet/SBA/2005 Rev Ref, Series 1/MTU/QCD
EXHIBIT A

MICHIGAN TECHNOLOGICAL UNIVERSITY
CENTER FOR ECOSYSTEM SCIENCE

Legal Description

Commencing at the Southwest corner of Section 31, T55N, R33W, City of Houghton, Houghton County, Michigan; thence N89°31'40"E along the South line of said Section 31, a distance of 1037.59 feet; thence N00°28'20"W, a distance of 1069.12 feet to the Point of Beginning.

Thence N45°48'44"W, a distance of 276.64 feet; thence N09°19'33"E, a distance of 217.60 feet to the South right-of-way of Seventh Avenue; thence S80°21'21"E along said South right-of-way, a distance of 206.69 feet; thence continuing along said South right-of-way, Easterly along a curve to the left with a Delta of 19°54'42", a radius of 380.00 feet, chord of 131.39 feet, chord bearing of N89°41'19"E, for a distance of 132.06 feet along the arc; thence continuing along said South right-of-way N79°43'58"E, a distance of 259.29 feet to a point on the West right-of-way of MacInnes Drive; thence Southerly along said West right-of-way along a curve to the right with a Delta of 11°50'17", a radius of 747.46 feet, a chord of 154.16 feet, a chord bearing of S05°24'16"E, for a distance of 154.44 feet along the arc; thence continuing along said West right-of-way S00°30'53"W, a distance of 174.78 feet; thence continuing along said West right-of-way Southerly along a curve to the right with a Delta of 11°14'21", a radius of 470.00 feet, a chord of 92.05 feet, a chord bearing of S06°08'03"W, for a distance of 92.19 feet along the arc; thence S89°59'24"W, a distance of 430.31 feet to the Point of Beginning.
V-B-6-a. 13.4 Endowment Investment Management

It was moved by R. Groneveld, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control amends policy 13.4. Endowment Investment Management as presented herein.

The amended policy shall read as follows:

13.4. Endowment Investment Management

The Treasurer or a designee appointed by the Treasurer are authorized to invest Endowment Fund monies and securities in instruments of investment which meet the standards of the Board of Control policy on investments.

The following persons are authorized to give instructions and effect transactions with institutions holding any investments covered by this policy, subject to the restriction that any instruction to withdraw funds is limited to an instruction to remit the withdrawn funds to the credit of Michigan Technological University in another financial institution:

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Glenn D. Mroz</td>
</tr>
<tr>
<td>Provost and Vice President for Academic Affairs</td>
<td>David D. Reed</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Daniel D. Greenlee</td>
</tr>
</tbody>
</table>

This policy supersedes Board of Control policy 13.4. Endowment Investment Management dated October 11, 2001.

V-B-6-b. 13.6. Banking Relationships

It was moved by R. Kershner, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control amends policy 13.6. Banking Relationships as presented herein.

The amended policy shall read as follows:

13.6. Banking Relationships

Transactions with the following financial institutions are authorized:

* Bank of America
* Commercial National Bank of L'Anse
* Republic Bank
* Fifth Third Bank
* National City Bank
* Michigan Tech Employees Federal Credit Union
* River Valley State Bank
* The First National Bank of Calumet - Lake Linden
* The Superior National Bank & Trust Company of Hancock
* Wells Fargo

Authorized Signatories

For all Banks, any one of the following up to $25,000 (Twenty-Five Thousand Dollars):

D. R. Tahtinen
D. D. Greenlee
D. D. Reed

and countersigned by any one of the following for amounts greater than $25,000 (Twenty-Five Thousand Dollars):

D. R. Tahtinen
D. D. Greenlee
D. D. Reed


V-B-7. Gifts

It was moved by K. Clark, supported by D. Brule, and passed by voice vote without dissent, that the Board of Control acknowledges the gifts to Michigan Technological University.

MICHIGAN TECH FUND
Gift Activity Cash Report
July 1, 2005 through August 31, 2005
Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY06 YTD Total</th>
<th>FY05 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>543,332</td>
<td>567,819</td>
<td>-24,487</td>
<td>-4.3%</td>
</tr>
<tr>
<td>Bequests (current year)</td>
<td>14,691</td>
<td>163,403</td>
<td>-148,712</td>
<td>-91.0%</td>
</tr>
<tr>
<td>Current Year Subtotal</td>
<td>558,023</td>
<td>731,222</td>
<td>-173,199</td>
<td>-23.7%</td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>102,635</td>
<td>55,947</td>
<td>46,688</td>
<td>83.5%</td>
</tr>
<tr>
<td>Bequests (from previously recorded gifts)</td>
<td>6,450</td>
<td>0</td>
<td>6,450</td>
<td>N/A</td>
</tr>
<tr>
<td>Receipts from Previous Year Subtotal</td>
<td>109,085</td>
<td>55,947</td>
<td>53,139</td>
<td>95.0%</td>
</tr>
<tr>
<td>Total</td>
<td>667,108</td>
<td>787,188</td>
<td>-120,060</td>
<td>-15.3%</td>
</tr>
</tbody>
</table>
V-C-1. Michigan Tech Fund Report

Mr. Shea McGrew, Vice President for the Michigan Tech Fund, provided the Board with the following report.

---

**MICHIGAN TECH FUND**

Report to the Board of Control

Shea McGrew
September 29, 2005

---

**FY 2006 Fundraising**

Goal: $18 million from individuals, corporations, foundations
Raised to date: $3.4 million
Major gifts ($25,000-plus) are the key
90-plus major gift solicitations of individuals planned

---

**$2 Million Gift – Good Teamwork**

Staff member develops relationship of trust
Department chair extends relationship
Dean and President build relationship further
Listening reveals charitable interests
Dean and President develop program based on donor's interests
Staff members conduct solicitation and close gift
### Campaign Planning Progress

---

### Campaign Ramp-up Timetable 2005

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decision on MTF investment</td>
<td>April 16, 2005</td>
</tr>
<tr>
<td>Hire executive search firm</td>
<td>May 1, 2006</td>
</tr>
<tr>
<td>Conduct planning study (test strategic direction &amp; attitudes)</td>
<td>June-August 2005</td>
</tr>
<tr>
<td>Hire 4-6 new Major Gifts Officers</td>
<td>October 2005</td>
</tr>
<tr>
<td>Initiate intensive “discovery” process</td>
<td>November 2005</td>
</tr>
<tr>
<td>BWF delivers study results</td>
<td>November 3, 2005</td>
</tr>
<tr>
<td>Screen database with vendor</td>
<td>December 2005</td>
</tr>
</tbody>
</table>

### Campaign Ramp-up Timetable 2006

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Build prospect lists</td>
<td>Ongoing</td>
</tr>
<tr>
<td>Initiate campaign priorities process</td>
<td>Feb 2006</td>
</tr>
<tr>
<td>Draft campaign case statement</td>
<td>Late spring 2006</td>
</tr>
<tr>
<td>Continue hiring plan implementation</td>
<td>Summer 2005</td>
</tr>
<tr>
<td>Conduct campaign feasibility study (with final priorities)</td>
<td>Summer-Fall 2006</td>
</tr>
<tr>
<td>Feasibility study report</td>
<td>Fall 2006</td>
</tr>
<tr>
<td>Develop campaign marketing/communication plan</td>
<td>December 2006</td>
</tr>
</tbody>
</table>
Campaign Ramp-up Timetable
2007

- Determine campaign goal: January 2007
- Recruit campaign volunteer leaders: January 2007
- Finalize campaign
  - gift counting policies: March 2007
  - Complete hiring plan: Summer 2007
- Begin silent phase: July 1, 2007
- Solicit campaign leadership and board members: July '07-June '08
- Solicit lead gifts from top prospects: July '07-Dec '08

Short-Term Priorities

- Continue progress toward $18 million goal
- Conclude campaign planning study
- Conclude hiring of additional fundraisers
- Develop "leave-behind" publication
- Partner with Alumni Association on special events
- Recruit new Tech Fund trustees
- Prepare alumni survey analysis

Alumni Survey

- 29% response (≈5000)
- Academic experience: "Good/Great/Outstanding" = 98%
- Current attitude: "Positive/Loyal" = 95%
V-C-2. Michigan Technological University/Michigan Tech Fund Agreement

It was moved by D. Brule, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control extends the existing agreement until December 9, 2005, to allow the Michigan Tech Fund to approve their bylaws and articles of incorporation at their November meeting.

V-C-3. Presidential Review Committee Report

Mr. Russ Gronevelt reported that the Presidential Review Committee is compromised of Marty Richardson (Chair), Dave Brule, Russ Gronevelt, and Ruth Reck. The Committee has been quite active and has developed a process plan, schedule and criteria for presidential review, and the goal is to have the presidential review completed in April 2006.

V-C-4. 2006 Meeting Dates

The following meeting dates were presented for approval.

- Thursday, February 23, 2006
- Friday, April 28, 2006 (Commencement – Saturday, April 29)
- Thursday, June 22, 2006
- Thursday, August 3, 2006 (Alumni Reunion)
- Thursday, September 28, 2006 (Homecoming Weekend)
- Friday, December 15, 2006 (Commencement – Saturday, December 16)

It was moved by K. Clark, supported by D. Brule, and passed by voice vote without dissent, that the Board of Control approves the meeting dates as presented, and that the Retreat date and location be determined at a later date.

V-C-5. Resignations, Retirements and Off Payroll

It was moved by D. Brule, supported by K. Clark, 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
(July 3, 2005 — August 27, 2005)

## Faculty

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Department</th>
<th>Title</th>
<th>Hire Date</th>
<th>Term Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>REIRETIMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arici, Onor</td>
<td>ME-EM</td>
<td>Professor</td>
<td>09/01/81</td>
<td>06/30/05</td>
</tr>
<tr>
<td>George, Diana</td>
<td>Humanities</td>
<td>Professor</td>
<td>08/30/77</td>
<td>06/30/05</td>
</tr>
<tr>
<td>Pelc, Karol</td>
<td>Business &amp; Economics</td>
<td>Professor</td>
<td>09/02/85</td>
<td>06/30/05</td>
</tr>
<tr>
<td>OFF PAYROLL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christopherson,</td>
<td>ME-EM</td>
<td>Lecturer</td>
<td>08/25/96</td>
<td>08/13/05</td>
</tr>
<tr>
<td>Nels</td>
<td>Social Sciences</td>
<td>Instructor</td>
<td>08/18/02</td>
<td>08/13/05</td>
</tr>
<tr>
<td>Gale, William</td>
<td>Social Sciences</td>
<td>Visiting Asst Professor</td>
<td>08/15/04</td>
<td>08/13/05</td>
</tr>
<tr>
<td>Meniketti, Marco</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESIGNATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Makagon, Daniel</td>
<td>Humanities</td>
<td>Assistant Professor</td>
<td>08/19/01</td>
<td>08/13/05</td>
</tr>
<tr>
<td>Moon, Kee</td>
<td>ME-EM</td>
<td>Associate Professor</td>
<td>08/27/90</td>
<td>08/14/05</td>
</tr>
<tr>
<td>Oberto, Leroy</td>
<td>School of Technology</td>
<td>Associate Professor</td>
<td>11/20/95</td>
<td>06/30/05</td>
</tr>
<tr>
<td>Park, Seung Jin</td>
<td>Computer Science</td>
<td>Assistant Professor</td>
<td>11/29/99</td>
<td>07/28/05</td>
</tr>
<tr>
<td>Selfe, Cynthia</td>
<td>Humanities</td>
<td>Professor</td>
<td>09/01/81</td>
<td>07/20/05</td>
</tr>
<tr>
<td>Taylor, Jerry</td>
<td>School of Technology</td>
<td>Associate Professor</td>
<td>11/20/95</td>
<td>08/14/05</td>
</tr>
<tr>
<td>Torok, Bela</td>
<td>Chemistry</td>
<td>Assistant Professor</td>
<td>08/18/02</td>
<td>08/13/05</td>
</tr>
<tr>
<td>Williams, R C</td>
<td>Civil &amp; Env Eng</td>
<td>Associate Professor</td>
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## Research Faculty

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<td>Lu, Shuzu</td>
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<td>Research Assoc Professor</td>
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## Coaches

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## Employees

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<td>Byakkonen, Harold</td>
<td>Grounds</td>
<td>Equipment Operator III</td>
<td>05/01/72</td>
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<td>Heard, Barbara</td>
<td>Biological Sciences</td>
<td>Research Assistant</td>
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<td>Rangus, George</td>
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<td>Admissions Rep</td>
<td>08/14/00</td>
<td>07/03/05</td>
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<td>Durham, Lee</td>
<td>JR Van Pelt Library</td>
<td>Sr System Admin/Analyst</td>
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<td>09/01/86</td>
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<td>Managing Editor</td>
<td>05/03/01</td>
<td>08/10/05</td>
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<td>Advancement</td>
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## Employees - NON-EXEMPT Part Time

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<td>Custodian</td>
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<td>Odgers, Judy</td>
<td>Residence Hall Dining</td>
<td>Food Service Helper</td>
<td>12/11/03</td>
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## Employees - EXEMPT Part Time

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<td>Civil &amp; Env Eng</td>
<td>Coord Reg GEM Center</td>
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VI. REPORTS

A. Financial Report – Mr. Dan Greenlee

A copy of Mr. Greenlee’s report was included in the agenda book.

B. University Senate Report – Dr. Martha Sloan

The Senate this year is in its organizational phase, and will be working this year toward streamlining the organization. There are a number of Senate committees, and they found that in a ten year period one committee only had two proposals the entire time and a few others only had three or four proposals. The Senate will look to see whether they can do some consolidation and get people doing meaningful work in areas where the work is to be done. The biggest load they have is in curriculum. Last year the Senate had an incredible number of programs coming forward that were very demanding in the review process. In that ten year period, nearly 30% of all the proposals coming out of the Senate had to do with new degree programs, which led to the kinds of things that Dr. Cook was talking about earlier of attracting new students.

In addition to the Senate committees themselves, there are committees that the Senate is responsible for either staffing completely or partially as well as recommending representatives, and these committees will be reviewed as well.

The Senate will be taking a fresh look at department charters. As a result of a meeting with the Provost, it may be possible for the Senate to add two more departments to the Senate rooster. They had not been in the Senate before because their charters had never been approved, but the Senate is hopeful that they can become part of the organization.

The Senate is working on revisions of the Ombudsman program. Michigan Tech was one of the first universities to have an Ombudsman, however, student and staff access to the ombudsman is the limited or either non-existent. As a result, this policy is overdue for revisions.

C. Undergraduate Student Government Report – Mr. Phil Ribeiro

We are now wrapping up our 5th week of the fall 2005 semester, and it is really astounding what we have accomplished thus far. It all kicked off with MTU’s spectacular orientation program. This year I was privileged to be one of the 68 orientation team leaders that were working to ease first year student transitions into Michigan Tech. The very successful program has drawn resounding thanks and praise from countless students and parents. It is really a fantastic program, and I was delighted to be involved.
Students were encouraged to get out and enjoy the beautiful Houghton weather and learn about the many different student organizations MTU has to offer at the annual Keweenaw Day Celebration which was held at McLain’s State Park on Sept. 7.

Last week’s Homecoming Celebrations were some of the best and the most widely embraced Homecoming events in recent Tech history. Take on a Husky night kicked off the celebrations. Challenging students to take on a Michigan Tech athlete in a sport that wasn’t there yet. The Thursday night campus sleepover encouraged students to build hobo shelters on campus and enjoy food and music and a midnight movie. Friday’s events included some of the best homecoming parades in ages. It was embraced by the campus community and the local community as well.

The weekend was topped off with the husky football team continuing its undefeated streak posting a 17-14 win over the Ashland Eagles before the second largest crowd in Sherman Field history. The entire event couldn’t have been possible without the dedication of the homecoming committee, including representatives from Inter-fraternity Council, Varsity Club, Residence Life, and the Student Life Advisor Travis Pierce.

Not only has the broader campus been quite busy these past few weeks, the USG has been plugging away on a number of different projects. Underway are the freshman representative elections. This year’s ballots include the names of 12 different candidates vying for 6 freshman representative positions. Once elected these 6 representatives will be busy with the USG annual retreat, which is scheduled for next weekend at the Ford Forestry Center in Alberta, MI. We hope to orient all the new members to the general workings of how USG functions, as well as create a plan for the different things we hope to accomplish in the coming year.

The final act of last year’s outgoing UGS was to approve the student activity fee budget. The Board approved the fee increase along with the increase in enrollment has allowed this year’s USG to allocate an additional $50,000 + to student organizations.

Subsidiaries, which are the smaller organizations, account for about 25% of the student activity budget. University traditions (K-Day, Homecoming, Winter Carnival, etc.) account for 8.5%. Special budget groups, the large organizations (Memorial Union Board, The Lode, WMTU, UGS), account for about 40%. The reserve fund and the opportunities fund together account for about 10% of the budget and those are funds that organizations can come to throughout the year when opportunities come up or emergencies arise. There is also the Office of Student Activities and USG initiatives such as family weekend, new innovations in tech entertainment, and leadership based events that require funding.

One addition to the SAF budget is the new student server. The new web server will accommodate a growing number of student organizations that want to have a web presence with more security, a greater amount of space, and more web services such as automated posting, billboards, photo galleries and more. In addition, we have hired the IT Oxygen Enterprises to create a number of different services that will be available not only to student organizations, but to students in general.
The goal of the Student Organization Arrangement Restructure Commission (SOAR) was to analyze the structure of both USG and student organizations in general at Michigan Tech. The concept has fluctuated quite a bit since its conception, but we are moving forward and expect to present a new constitution for the students sometime in November. The improved student government organization will split legislative duties into a house and senate. One side’s mission will be to deal strictly with student organizations support and the student activity fee. The other side will address governance issues, such as lobbying the administration, city and state concerning student issues and things like that. The third component of the organization will be a judicial branch that will replace the Student Judicial Board and will handle university student judicial matters, constitutionality concerns of student organizations, and also arbitration for students as well as student organizations.

D. Graduate Student Council Report – Mr. Dan Adler

About 2½ years ago the Board approved a change from 15 to 14 week semesters and when I was in Phil’s job I lobbied against that move, but despite my best efforts change occurs. One of the arguments for supporting the move to a 14 week semester was that it would allow us to have a full 14 week summer semester. One of the principal downfalls that we tend to hear is that people don’t want to deal with the snow and winter seems very intimidating. The summer here is so beautiful that is it a logical transition to really market that. However, despite the time that has past since you made that change, I haven’t seen an increase in marketing of the summer semester in increased class offerings. One of the things that comes up is that faculty don’t want to commit to teaching a class if they are not sure the students are going to enroll. Plus, traditionally summer has been thought of as a time for research for many professors. I just wanted to say that University Communications has done a great job in really picking up the level of marketing that we do for the university, and I would recommend that they start concentrating on the summer semester as that could be a great source of increased enrollment and revenue.

The activities of the GSC this year have been very successful. As you may know we partner with the Graduate School in the fall to offer an orientation that is tailored a little bit more to people that have finished their first degree. We hosted a tour of the Quincy Mine, a cruise along the Portage Canal, and a number of socials all of which did a great job to welcome new graduate students to the university community, and to also develop a cohesive bond between students new and old.

Having been encouraged by our initial programming successes, we started to look at issues that affect the university and our constituency. I have had the pleasure to meet with some of the provost candidates and it has me thinking about broader things/visions. One of the things needed is increased and broaden cooperation between the different disciplines on campus and the fields that our campus experts represent. Personally, being involved in the Sustainable Future Institute and understanding all the collaboration that is spurred from that initiative, I imagine that is what is going to take us into the future.
While my sense is that the graduate students as a whole are pretty happy about their experience at Michigan Tech, I don’t think that should keep us from striving to improve our services and reducing the financial burden that some students feel when they come here.

This data is mostly from last semester, however in 2002 the National Loan Survey put the average college student debt after undergraduate degree at $18,900. At Michigan Tech, 41% of our Master’s students (Fall 2004) and 22% of our Ph.D. students paid their own way. Not including books and computer fees, a full time unsupported engineering graduate student (taking 9 credits) would pay approximately $4,700 a semester to attend school. The graduate student minimum stipend level, which many departments use as their basis for paying TA’s and research assistants, is approximately $8,800 and $10,400 per two semester appointment to masters and PhD. students respectively. A married supported graduate student will pay $2,700 per year in health insurance to support his or her two person family which is approximately ¼ of a two semester PhD. salary. In a survey that we did last year to benchmark departments with benchmark institutions, Michigan Tech ranked in the bottom 10% for stipend level. I am in no way implying that graduate students should be royally compensated. We pretty much understand that we are working in apprentice like roles and that compensation for this kind of work doesn’t occur in all fields. However, I do know that Michigan Tech doesn’t want to be ranked at the bottom 10% of pretty much any list. Graduate students would see a great benefit to making it just a little bit easier to get by, and in that little bit there exists a mountain of potential for satisfaction. It will be a great focus of the Graduate Student Council to bring a recommendation to the administration on how to best accomplish this by the December meeting. I have confidence that in working together a course of action will be taken that will improve the university and our stakeholder satisfaction all at the same time.

President Mroz commented that we might be ahead of the students on this issue as this past year we had a group of people do some analysis of our summer, distance learning programs and our professional education programs. The report is in and should be posted to the web in the near future. Dr. Reed and President Mroz responded to the report, which basically calls for an expanded role of summer programs as well as the other programs.

VII. INFORMATIONAL ITEMS

A. Analysis of Investments
B. Auxiliary Enterprises Operations
C. Board of Control Follow-up Items
D. Update on Wadsworth Hall Renovation Project
VIII. OTHER BUSINESS

There was no other business at this time.

IX. PUBLIC COMMENTS

There were no public comments at this time.

X. ADJOURNMENT

It was moved by R. Kershner, supported by K. Clark, and passed by voice vote without dissent, that the meeting be adjourned.

______________________________
Secretary of the Board of Control

______________________________
Chair, Board of Control