

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

Meeting of
April 29, 2011

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MINUTES OF THE FORMAL SESSION OF THE BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY held pursuant to due call in Ballroom B of the Memorial Union Building on the campus of Michigan Technological University in the City of Houghton, Michigan at eight thirty o'clock on the morning of April 29, 2011.

The Board of Control of Michigan Technological University met in formal session at the University's campus at Michigan Technological University in the City of Houghton, State of Michigan, at 8:30 a.m., on the 29th day of April, 2011, in Ballroom B of the Memorial Union Building. The place, hour, and date duly established and duly published for the holding of such a meeting.

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

The following members of the Board of Control were present:

M. K. Richardson, Chair
S. J. Hicks, Vice Chair
L. D. Ashford
T. L. Baldini
K. I. Clark
J. A. Fream
P. G. Ollila
T. J. Woychowski
G. D. Mroz, ex officio

The following members were absent:

None

Also present during part or all of the session were: Dale R. Tahtinen, Secretary of the Board and Vice President for Governmental Relations; Daniel D. Greenlee, Treasurer and Chief Financial Officer; Max Seel, Provost and Vice President for Academic Affairs; David D. Reed, Vice President for Research; Shea McGrew, Vice President of Advancement and Marketing; Ellen Horsch, Vice President for Administration; Paul Tomasi, University Counsel; and various members of the faculty, administrative staff, student body, press and public.

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

I. APPROVAL OF AGENDA

Board Secretary Tahtinen recommended amending the agenda to replace pages 3 through 10 of item IV-B. Degrees in Course; replace item IV-E. Naming of Facility; add item V-A-1. Employee Recognition; replace pages 1 and 2 of item V-G. 4.2. Compensation Policy, replace pages 2 through 8 of item V-H. 4.7. Conflict of Interest Policy, and replace pages 2 and 3 of item VII-C. Research & Sponsored Programs Report.

It was moved by L. Ashford, supported by P. Ollila, and passed by voice vote without dissent, that the agenda of the formal session of April 29, 2011, as distributed to the Board, be approved as amended.

II. OPENING REMARKS

Chair's Comments

I would like to welcome everyone to today's Board of Control meeting and to this Commencement weekend celebration of achievement and success. This is always a special and exciting time of the year, as we honor our graduates and their families. Since the last Board meeting, many of our faculty, staff and students have been doing great things, and I wanted to take a few moments to highlight some of the more notable accomplishments.

Laura Bourgeau-Chavez and Nancy French of the Michigan Tech Research Institute have received \$552,475 of an anticipated \$1,567,696 award from the National Aeronautics Space Administration for their project "*Linking Remote Sensing and Process-based Models to Better Understand the Influence of Land Use and Climate Changes on Great Lakes Coastal Wetlands*". This project will integrate remote sensing with a process-based hydrologic model and an ecosystem model, developed specifically to understand invasion mechanisms, to study the watersheds of the Lower Peninsula of Michigan. Testing three invasive species, the conceptual advances of this research and the further development of these models are expected to be broadly transferable to other invaders of other ecosystems.

Three Michigan Tech faculty have received National Science Foundation Career Awards - Veronica Griffis, Assistant Professor in the Department of Civil and Environmental Engineering; Shari Stockero, Assistant Professor in the Department of Cognitive and Learning Sciences; and Gregory Waite, Assistant Professor in the Department of Geological and Mining Engineering and Sciences. The NSF Career Awards are designed to promote early career development in junior faculty who exemplify the integration of research and teaching and who are likely to become the academic leaders of the future. Our congratulations to Drs. Griffis, Stockero and Waite for their outstanding achievements.

Michigan Tech once again has more Peace Corps Master's International (PCMI) graduate students actively serving as Peace Corps volunteers than any other college or university in the nation. Michigan Tech has 32 PCMI students currently on Peace Corps assignments.

There are also a number of students on campus fulfilling the academic portions of their master's degrees.

The national Peace Corps headquarters in Washington, D.C., announced that Michigan Tech has earned the top spot for the sixth consecutive year. Tulane University placed second, and the University of Washington was third.

The Association to Advance Collegiate Schools of Business International (AACSB) has extended the accreditation of Michigan Technological University's School of Business and Economics for five years.

This accreditation is the hallmark of excellence in business education. It has been earned by less than five percent of the world's business schools. Today, there are 620 business schools in 38 countries that maintain AACSB accreditation.

The School of Business and Economics first received AACSB accreditation in 2001 and recently completed its second rigorous internal review and evaluation process. Accreditation standards require a high-quality teaching environment, a commitment to continuous improvement and curricula responsive to the needs of businesses.

Congratulations to all those involved in these events and the many other activities that our students, staff and faculty have been engaged in throughout the year, proving once again that Michigan Tech is a leader in creating the future.

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

The candidates recommended for promotion from assistant professor without tenure to associate professor with tenure are: Keat Ghee Ong of Biomedical Engineering; Yue Li and Amlan Mukherjee of Civil and Environmental Engineering; Michael Bowler of Humanities; Qiuying Sha and Fabrizio Zanello of Mathematical Sciences; Fernando Ponta of Mechanical Engineering; Gregory Graman, Howard Qi of the School of Business and Economics; John Vucetich of the School of Forest Resources and Environmental Science, and Abdul Nasser Al araje and Yu Cai of the School of Technology.

The candidate recommended for promotion from associate professor without tenure to associate professor with tenure is William Breffle of the School of Business and Economics.

The candidate recommended for promotion from assistant professor with tenure to associate professor with tenure is Kurtis Paterson of Civil & Environmental Engineering.

The candidates recommended for promotion from associate professor with tenure to professor with tenure are: Seth Donahue of Biomedical Engineering; Jason Keith of Chemical Engineering; Leonard Bohmann and Gerry Tian of Electrical and Computer Engineering; Lyon Brad King and Jeffrey Naber of Mechanical Engineering; and Yoke Khin Yap of Physics.

I would also like to announce that Julie Fream has agreed to Chair the Presidential Review Committee.

Before turning it over to President Mroz, I wanted to commend Glenn on the excellent job he did in testifying before the House and Senate Subcommittees on Higher Education. In addition to testifying, Glenn and the other university presidents have had meetings with Governor Snyder and John Nixon, State Budget Director, to continue to impress upon them the detrimental effects the proposed budget cuts and restrictions will have on the state universities and to convey what the universities have been doing to create greater efficiencies while maintaining the quality of education, and whenever possible increasing the number of graduates.

President's Comments

In a year of conflicting messages, this was a particularly conflicted week. On the one hand the state published the Michigan Education Dashboard setting key performance measures for all of education in the state including Higher Education. On the other hand, the State Higher Education Finance Officers and the College Board released their annual study of university finances.

First let's talk about the dashboard. Some of the new Higher Ed metrics for the State of Michigan are more in our control than others. For example, both first year retention rates, and six year graduation rates are those where we control more variables, and do well compared to other State and national universities

Some metrics are less in our control.

For example, the percent of the population of those 25 and older with a 4 year degree or higher is dependent on enrollment in the state which is up, and completion rates which are up, but also are dependent on whether Michigan firms hire people, and quite literally, where in the world those firms place those graduates.

The last metric, which is especially timely today, is tuition and fees as a percent of median family income. As you might suspect, the trend for this metric is not going in the right direction.

In a state that by the summer of 2010, had accounted for half of all the jobs lost in the U.S since 2000, income is down along with tax collections, as well as subsequent support for many of the programs in the state that we all took for granted. So it was a bit ironic that just a couple days before the metrics were set for the state, the grim news from the State Higher Education Finance Officer showed what many had suspected: A decade of deep cuts to state higher education appropriations has put Michigan in the bottom 10 of all states in per student support for higher education, far behind the national average,

Michigan's per student taxpayer support per full time equivalent student in universities and community colleges has decreased by 19.3 percent in 2010 dollars since 2005, and today

stands at \$4,822 per student. The national average is \$6,451, putting Michigan students \$1,629 per student behind even the average state.

With the 15% decrease that is included in the 2012 budget projections, the Senate Fiscal Agency reports a 34.9% decrease in funding in the past 10 years which will put Michigan in the bottom 5 states for support of Higher Education.

Six years ago the state policy makers began to hear a message from a commission of business, government, and education leaders –aka the Cherry Commission – that there was a strong relationship between the education level of the adult population and our state's prosperity. It was a consensus that was reiterated by subsequent groups including the Business Leaders for Michigan who have set a goal of moving from the current status of 38th in the country, to being in the top 10 for highly educated students and world class higher education. No doubt that's why it's a key metric in Michigan today.

Michigan's public universities responded and continue that message as well, and have increased the numbers of degrees conferred from 2000 to 2009 by nearly 20 percent, from 34,551 to 41,171 even as funding decreased.

But even if we could sustain that, it's not going to be enough to keep up with demand for college graduates.

The Lumina Foundation projects that our nation's economy will need 15M more people with 4 year degrees in the next 15 years, that is 15M more than are expected to graduate at today's rates.

Businesses are already having a hard time finding enough talented people in science and engineering, and business will grow into places where the talented people are located. So with all the conflicting news and budgetary distractions, my question is - what share of the jobs does Michigan really want? I'd suggest that since we lost half the jobs in the recession, we set our sights on getting half of the new jobs!

And are we going to align our priorities to do go after them?

And do we have the discipline to stay on track, or as presidential hopeful, Haley Barbour recently said – the main thing is to keep the main thing the main thing.

A decade of statistics shows that's not happened. It's time to make the business, education, government partnership that we've been talking about, the "main thing" for our kids.

III. COMMITTEE REPORTS

Academic Affairs Committee Report

Ms. Ashford provided the Board with the following report.

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

Paul and I attended an Academic Affairs session during the spring AGB meeting. So we thought it highly appropriate to devote some time to discuss as our first agenda item the AGB discussion on strengthening the work of the Academic Affairs Committee and on Board Responsibility for the Oversight of Educational Quality.

The big issue permeating everything is quality and how to measure the quality of the education we provide. The importance of being co-equal with the Finance Committee, of making sure that resources allocations are appropriate to academic programs was emphasized: if Academic Affairs represents the engine of the university, finance provides the fuel.

In order to maintain a strategic focus, not an operational focus, it was agreed to develop a thematic yearly approach to the Academic Affairs Committee meetings agenda.

The following principles are intended to guide the Academic Affairs Committee and the Board in general in the governance of Michigan Tech, inform them of their roles and responsibilities, and clarify relationships with the president, the provost, and all others involved in the governance process:

- The board should ensure that policies and practices are in place and effectively implemented to promote educational quality.
- The president and chief academic officer should ensure that student learning is assessed, data about outcomes are gathered, results are shared with the board and all involved constituents, and deficiencies and improvements are tracked.
- The board is responsible for approving and monitoring the financial resources committed to support a high-quality educational experience.
- The board should develop an understanding of the institution's academic programs—undergraduate, graduate, and professional programs.
- The board should develop a working knowledge of accreditation—what it is, what process it employs, and what role the board plays in that process.

We agreed to devote the next meetings to clarify and discuss in more depth these principles and will report outcomes as they apply to our role. As the first step, the Assistant Provost Christa Walck gave an update on the accreditation process and on the role the Board plays.

Since the Provost in his remarks will report on tenure and promotion and the academic program review, I will end my report with stating that the Academic Affairs Committee discussed and supports all of the proposed actions on today's agenda including the Department Name Change, the Degree Title Change, and the Proposal for a Master of Science in Integrated Geospatial Technology. With regard to the proposed new masters

program, one committee member applauded the well-crafted proposal but pointed out that the extensive and pervasive data collections accumulated by scientists from many different disciplines such as engineering technology, geology, forestry and social sciences call for the need for ethics training on how to use these data responsibly and expressed qualified support, that ethics training should be required.

Provost Max Seel provided the Board with the following report:

Provost Report

Board of Control Meeting
April 29, 2011

1. Tenure & Promotion
2. Academic Program Review
3. Work in Progress

1. Tenure & Promotion
Recommendations

“Give him tenure and promotion, give him raises, give him accolades. He is and will continue to be a very hot commodity, and will be tempted with offers from elsewhere...”

2. Academic Program Review

PROPOSAL 17-11 (Voting Units: Academic)

“Proposal for Shelving and Eliminating Degree Programs and Certificates”

Basis for the Proposal: There is a need for a mechanism to be in place whereby the University can remove programs offered at Michigan Tech. Such removals can be temporary and reversible (shelved), or permanent (eliminated). This proposal details mechanisms whereby programs can be shelved, and following five years as a shelved program they can be eliminated, re-shelved or reinstated.

Program Shelving

- A shelved program would be administratively removed from recruiting and new admissions. Those students already enrolled would be allowed to complete the program requirements under a mutually agreed upon plan.
- A shelved program would be described as such on the University database system, but would not be submitted to the State as an officially eliminated program. It would only be internally inactive.
- A shelved program could be revived in the future without having to go through a State approval process.

Program Elimination

- A program may not be eliminated without having been shelved for at least five years.
- An already shelved program may be eliminated.
- For programs needing state approval, a program elimination proposal would be submitted to the State in an official elimination process. Once elimination has occurred, a program could not be revived in the future, but would have to start again with a new program proposal.

Format for Proposals to Eliminate Programs

- Full name of program to be eliminated
- Final term program will be open for new admits
- Plan to complete all enrolled students and any returning students
- Reason for elimination
- Financial impact (if any) to the department and university

PROGRAM REVIEW			
Curling of B.S. Degrees		Curling of Certificates	
26-28	BS Health and Physical Education	26-27	MS Environmental Engineering
29	Bachelor's Education Concentration	22-24	Design Engineering
29	BS Industrial Technology		
CLEAN UP			
Curling of B.S. Degrees		Elimination of Associates	
22-24	BS in Pre-Med option Biology 1995	22-24	Medical Technology 1976
22-24	BS in Pre-Dental option Biology 95	22-24	Chemical Engineering Technology 97
22-24	BS in Nursing 1996	22-24	Applied Nursing 1997
24-25	BS in Geophysical Engineering 1996		
25-26	BS in General Science 1993		
25-26	BS in Engineering Administration 1989		
Elimination of Certificates		Elimination of Masters	
25-26	Chemical Management 1993	25-26	Master, Wood Science 2000
25-26	International Technology and Society (Social Sciences) 93	25-26	Master, Science 2004
Elimination of Graduate Programs			
22-24	M.S. in General Engineering 1996		
22-24	M.S. in Engineering Physics 1996		
25-26	Ph.D. in Engineering/Electronics 1993		
25-26	M.S. in Business Administration 1992		
25-26	Ph.D. in Applied Physics 1987		

Michigan Tech Programs and Progress

Michigan Tech has a highly strategic focus with 83% of its programs being in the Science-Technology-Engineering-Mathematics (STEM) field and about 56% of the enrollment in engineering. It offers 57 bachelor degree options with an additional dozen specialized concentrations, 34 master's and 27 PhD degree options. Like any other modern technological university it needs to be a **highly dynamic system**:

We need to understand what our core values and core programs are - and we have to stimulate constant change and progress to stay on the cutting edge of modern science and engineering.

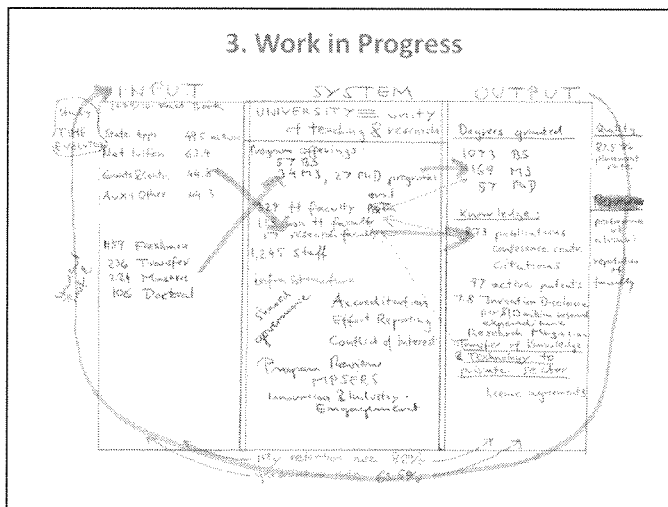
5 bachelor's, 4 master's and 5 PhD programs have been introduced the last 5 years (since 2005/06):

Bachelor's:
Biochemistry and Molecular Biology; Anthropology; Exercise Science; Health and Physical Education; Theatre Electronic Media Performance

Master's:
MBA; Computer Engineering; Applied Cognitive Science and Human Factors; Geophysics

PhD:
Atmospheric Sciences; Computer Engineering; Applied Cognitive Science and Human Factors; Environmental and Energy Policy; Geophysics

- The new undergraduate degrees added 184 students to Michigan Tech and 74 graduate students
- Latest addition (today): MS in INTEGRATED GEOSPATIAL TECHNOLOGY



Finance and Audit Committee Report

Mr. Hicks provided the Board with the following report.

The Finance and Audit Committee has met three times (twice by phone and in person, yesterday) since the last Board meeting and discussed and reviewed the following items:

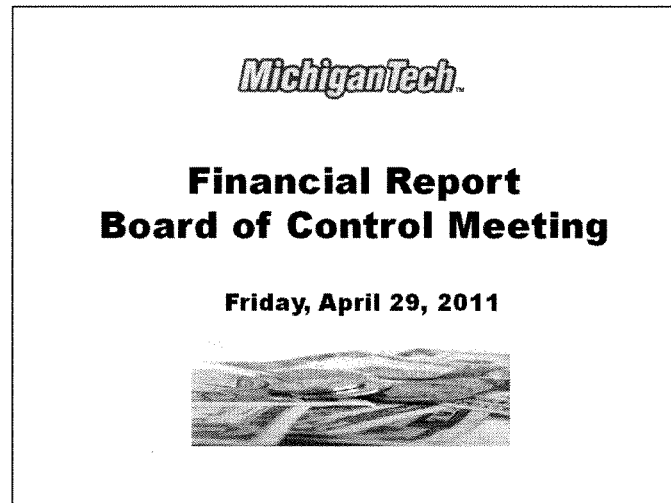
- The Current Fund for FY11 will be a positive of \$250,000.
- Reviewed the policy changes which will be recommended today.
- Met with the Internal Auditors and Legal Counsel, and in addition reviewed the capital projects to make sure that they are on budget, on time and safe.

A number of other items were reviewed including the five year projection and the Lean continuous improvement program. I wanted to thank Ellen Horsch and her team for a great job as there is well over \$1 million in cost savings a year in the Lean program.

For FY 12 the University as a whole has done an exceptional job during an especially challenging time. The FY 12 budget is aligned with our strategy and our financial resources. The financial resources take into account a five year time period, a range of outcomes and budget parameters. From a macro standpoint, the Finance Committee's goal was to ensure that the budget continued to focus on the strategy, maintained affordable tuition, and provide students with a world class education. In addition to the previously stated goals, the last and most important goal is a balanced budget for fiscal prudence. In FY 12 you will see a 15% reduction from the State of Michigan, which is almost \$8 million. Staying within the State's mandate of a 7.1% or less tuition increase, I'm very pleased to announce that the University as a whole has done a great job with a very large cut, staying with affordable tuition, and focusing on strategy. In addition, we will be putting about \$42 million back into financial aid.

The Finance Committee will be recommending unanimously the passage of a balanced budget.

Mr. Greenlee provided the Board with the following report:



Balance Sheet		
Condensed Statement of Net Assets		
as of March 31, 2011		
<small>(In Thousands)</small>		
ASSETS		
Current Assets	\$	38,923
Noncurrent Assets:		
Capital Assets, net		248,452
Other Noncurrent Assets		21,706
TOTAL ASSETS	\$	309,081
LIABILITIES		
Current Liabilities	\$	21,704
Noncurrent Liabilities		83,640
TOTAL LIABILITIES	\$	105,344
NET ASSETS		
Investments in capital assets, net of related debt	\$	166,934
Other net assets, restricted and unrestricted		36,803
TOTAL NET ASSETS	\$	203,737

2

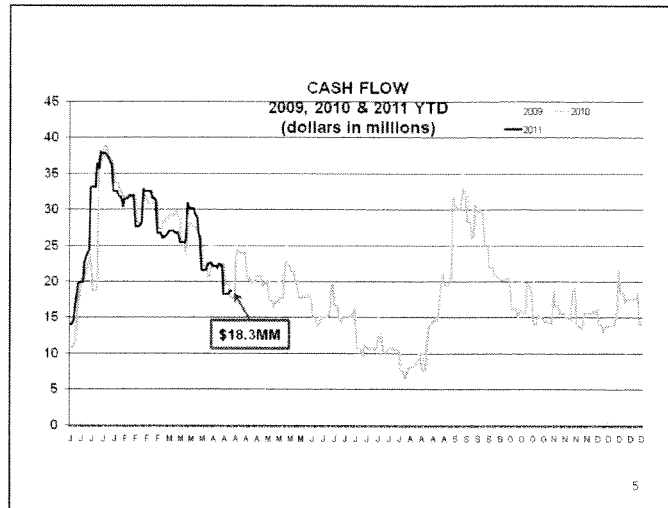
Current Fund FY11		
Condensed Income Statement		
<small>(In Thousands)</small>		
	<u>Original Projection</u>	<u>3rd Qtr Projection</u>
Revenue	\$ 245,429	\$ 247,777
Expense	\$ (245,218)	\$ (247,528)
Net Income	\$ 211	\$ 251
Current Fund Balance	\$ 15,524	\$ 15,564

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

3

Current Fund Balances			
<small>(In Thousands)</small>			
	<u>Balance 06/30/09</u>	<u>Balance 06/30/10</u>	<u>Projected Balance 06/30/11</u>
TOTAL CURRENT FUND	\$ 15,635	\$ 15,313	\$ 15,564
LEGALLY RESTRICTED FUNDS	(2,822)	(2,692)	(2,546)
UNRESTRICTED FUND BALANCE	\$ 12,813	\$ 12,621	\$ 13,018

4



**FY12 Current Fund Planning Parameters
Revenue**

Enrollment	+55 Students
Tuition	+6.95%
Indirect Cost Recovery	+9%
State Appropriations	-15%

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**FY12 Current Fund Planning Parameters
Expenditure Changes**

Promotional Increases	+\$400k
Reduction in Credit Card Fees	-\$600k
Utilities Decrease	-\$200k
Fringe Rate	-\$1.2M
Carryforward Reserve	+\$3.2M
2% Academic/4% Admin. Savings	-\$3.0M
Financial Aid (Grad & Undergrad.)	+\$1.3M
Auxiliaries	-\$800k

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Comparison FY11- FY12 Current Fund Projections (\$ in Millions)		
	FY11	FY12
	<i>(March Proj.)</i>	
Operating Revenue	180.3	192.5
Operating Expenses	242.0	244.8
Non-Operating Rev./Exp.	67.5	58.4
Net Increase Fund Balance	0.25	0.04

IV. CONSENT AGENDA

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

IV-A. Approval of Minutes

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the minutes of the formal session of February 24, 2011, as distributed to the Board, be approved.

IV-B. Degrees in Course

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

Michigan Technological University Degrees Awarded for Conferral Term: 201105

Associate in Applied Science in Civil Engineering Technology
Justin James Rhorer

Bachelor of Arts in Communication and Culture Studies
Helen Marie Lillie
Cassy Anne Tefft

Bachelor of Arts in Sound Design
Justin C Boldenow
Joshua John Mayo

David Conrad Nichols

Bachelor of Arts in Scientific and Technical Communication
Heather Annette Riley

Bachelor of Science in Accounting
Bryana Renee Larsen
Zexin Li
Erin Dawn Strack
William John Thiele
Katie Marie Zimmerman - Cum Laude

Bachelor of Science in Business Administration
Carl Robert Asiala
Christine Lynn Bronson
Aimee L Butler - Summa Cum Laude
Gregory L Franz
Caitlin M Hartley
Brandon S Jones
Patrick Ian Koski - Cum Laude
Nicholas M Laurila
Jennifer Ashley Lounds - Magna Cum Laude
Caleb Matthew Maki - Magna Cum Laude
Alexander T Phillips
Ian Nathaniel Ruehle
Gregory S Starks
Nicole Marie Stemen
Johanna Stevens
Darius Montague Watt
Bryce Andrew Whereatt
Robert J Zychowski

Bachelor of Science in Finance
Ronghao Lin

Bachelor of Science in Management
Nicole Ann Lemus

Bachelor of Science in Marketing
Melissa Louise Dowler

Bachelor of Science in Biomedical Engineering
Donisha Abani Das - Magna Cum Laude
Christian Richard Edwards
Kylin Jo Hoehn
Yahna Raven Kolomyjec
Stephen Francis Kulju - Magna Cum Laude
Thomas B LeFevre - Magna Cum Laude

Elizabeth Sue Pietila - Cum Laude
Jaclynn Elizabeth Roberts - Cum Laude

Bachelor of Science in Engineering
Brian David Stawowy

Bachelor of Science in Civil Engineering
Travis R Aho
Kyle James Baileys
William J Behling
Joshua Alexander Cardinal - Magna Cum Laude
Andrew Paul Cousino
Matthew Jon Desotell
Stephen Michael Dyer
Brian S Fabbri - Cum Laude
Victor Flores Terrazas - Magna Cum Laude
Casey Eugene Fritsch
Joshua N Harris
Brent P Heim
Justin L Hodges - Cum Laude
Ryan C Hoensheid - Cum Laude
Gregory Lee Hunter
Jessica Lynn Jenks
Stephen W Loritz
Amanda L Malburg - Summa Cum Laude
Varun S Mathew
Travis A Mattson
Brandon Mark Maurisak
Robert Quenton Maynes
Steve Bernard Moilanen - Magna Cum Laude
Scott T Moore
Matthew T Patterson
Nathan P Pfenninger - Cum Laude
Brian Allen Schiavo
Whitney Renee Schoep
Sarah Virginia Shann - Cum Laude
Elizabeth H Shears
Launce James Sulaty
Gregory Bruce VanderMolen
Lee William Wright
Katherine Ann Zimmerman

Bachelor of Science in Chemical Engineering
Scott Steven Docsa
Patrick Ian Koski - Cum Laude
Wayne W Schwind

Bachelor of Science in Computer Engineering

Amween Sadiq Almattar
Daniel Louis Brinks
John W Carter
Timothy James Chamness - Summa Cum Laude
Eric Michael Cline
Derek Adam Crawford
Jason Allen Green
Luke Adrian Johnston
Ryan David Nielson
Matthew James Rose - Magna Cum Laude
Nicholas Alan Stagman
Ryan Patrick VanTreese
Paul Frederick Wright - Summa Cum Laude
Jacob Andrew Yadon

Bachelor of Science in Electrical Engineering

Jason Francis Cauley
Derrick Cheung - Magna Cum Laude
Michael Marvin Feys
Elena Marie Fierro
Anthony Robert Giesey - Magna Cum Laude
Carrie Lynne Grand
Caoyang Jiang - Magna Cum Laude
Lindsay Kay Merkey
Alexander Roy Mousseau
Thomas William Nichols - Cum Laude
Mark Robert Peterson
Anthony Frederick Prettenhofer
Ryan Allen Raymond
Ryan Scott Schippers
Haoran Shi - Cum Laude
Corey James Steinhoff
Qilong Wang
Yao Xue - Magna Cum Laude
Xin Yang
Jiawei Yang - Magna Cum Laude
Brian David Yeates
Evan A Zaborski - Cum Laude

Bachelor of Science in Environmental Engineering

Travis John Anderson
Joel Phillip Cameron - Magna Cum Laude
Wenchao Chen
Tyler L Gage
Kristine Louise Guzak
Cara M Hanson
Derek D Mackenzie - Cum Laude

Sara Anne Maihofer
Jonathan David Poole - Cum Laude
Bradley James Wargnier

Bachelor of Science in Mechanical Engineering

Nathan P Beauchamp
Peter E Bingham
Jennifer Lynn Bladecki - Magna Cum Laude
Brandon J Bolley - Magna Cum Laude
Scott Michael Carpenter
Venkat Vijay Chandar
Isaiah Nathaniel Cunningham
Aaron J Cypher
Jonathan Aaron Ehlers
Andrew John Fojtik
Kyle Bradley Galbraith
Ben H Gerhardt - Summa Cum Laude
Matthew John Heath
Ryan Douglas Heins
Kathryn Ann Hill
Nick Holbrook
Nicholas Edward Holstine
Karissa Marie Julien
Henry E Knoch - Magna Cum Laude
David Alexander Kummerow
Corey Robert LaBelle
Steven J Lichon
Eric John Lipinski
Sean D McKendry
Jonathan David Meeuwsen
Bradley M Mullins
Erin Leigh Olesen
Matthew David Peterson
James Michael Pidgeon
Rochelle S Prescott
James Dean Pyncheon
Bradley Keith Ramsden - Cum Laude
Michael David Rittenour - Cum Laude
Sawyer James Rockowski
Michael P Rukamp - Magna Cum Laude
Luke David Sancho
Garrett Kai Schultz
Kurtis G Schwaiger
Amanda Jo Scott - Cum Laude
Colleen C Sharpe
Patrick S Sill
Dennis E Smith
Benjamin Scott Sromalski - Cum Laude

Brandon Stasa - Magna Cum Laude
James Thomas Steele
Michael Allan Suchomski
Jason Edward Swanson - Cum Laude
Seth Michael Taylor
Austen Gregory Thogersen
Bryan P Tousignant
Nicholas James Tucholka
John Rollyn VanStraaten
Timothy Scott Viola - Cum Laude
Kyle J Waatti
Benjamin J Wedge
Derek Andrew Weiss
Andrew Bernard Wichlacz
Perry Eugene Wilson
Adam Thomas Woodward
Qiao Zhou

Bachelor of Science in Materials Science and Engineering
Jacob Paul Marciniak

Bachelor of Science in Applied Ecology and Environmental Sciences
Alisha Marie Autio
Kristina N Flesher
Karl Joseph Romanowicz
Gabrielle Jean Trudeau

Bachelor of Science in Forestry
Joshua Edward Brinks - Magna Cum Laude
Jennifer Lee Hamilton
Adam Steven Komar
Joel Lane Lyberg
Scott Ernest Racine - Cum Laude
Sean Robert Sobaski
Shaun Arnold Sullivan

Bachelor of Science in Wildlife Ecology and Management
Ted William Pappas
Alexis Rayann Sullivan - Magna Cum Laude

Bachelor of Science in Biological Sciences
Brian Joseph Bremer
Benjamin D Bruschi - Summa Cum Laude
Brian C Dial
Sarah Lynn Forrest - Magna Cum Laude
Richard J Halverson
Sean Anthony Herman
Chelsea Laine Lurn - Magna Cum Laude

Gary Lloyd Liljequist
Raymond Peter Saliga
Erin Lynn Tucker

Bachelor of Science in Communication and Culture Studies
Mitzi Yvonne Dube - Magna Cum Laude

Bachelor of Science in Chemistry
Emily Christine Jensen - Cum Laude
Nicklaus S Maynard
Amy E Skala - Summa Cum Laude
Melissa F Waineo

Bachelor of Science in Computer Science
Robert Michael Amundson
Aubrey Anne Baker
Dean A Carpenter
Yuteng Li
Andrew Edward Rollenhagen

Bachelor of Science in Computer Systems Science
Rudolph Daniel Prokes
Ao Wang

Bachelor of Science in Health and Physical Education
Joshua Timothy Frantti
Tanja Michael Thomas

Bachelor of Science in Exercise Science
Mandy A Houston

Bachelor of Science in Audio Production and Technology
Brad J Korstange

Bachelor of Science in Mathematics
Mark J Carlson - Summa Cum Laude
Sean Rene DeBusschere
Jerilynn Florance Muzzin
Charity Renee Rushford - Cum Laude
Lauren R Sparling
Jessica Anne Widhammer

Bachelor of Science in Biochemistry and Molecular Biology
Sulagna Gupta - Cum Laude

Bachelor of Science in Psychology Ryan Robert Gleason - Cum Laude
Donieka R Walker - Magna Cum Laude

Bachelor of Science in Software Engineering

Joshua F Fahey - Cum Laude
Alex Peter Klinkhamer - Magna Cum Laude
Daniel S Schnau
Eric C Stevens
Eric Thomas Warsop
Cameron M Webb

Bachelor of Science in Social Sciences

Scott Michael Boshaw
Christine Ann Dempsey - Summa Cum Laude
Meghan E Hayden
Charles Watts Wacker

Bachelor of Science in Scientific and Technical Communication

William Andrew Axel Anderson
Kurt Paul Nass

Bachelor of Science in Construction Management

Matthew Brian Daavettila
Nicholas James Forrest
Justin James Rhorer
Nicholas Emile Weinmann

Bachelor of Science in Computer Network and System Administration

Abdullah Faris A Al Khaldi
Kenneth Sean Barnt
Brice Edward Downey - Cum Laude
Joshua Vincent Holesinger
Daniel J Madrid
Matthew Harrison Schultz - Cum Laude
Jonathan A Welters

Bachelor of Science in Electrical Engineering Technology

Tyler Stephen Fuller
Kiah Imai
Marc A Sipe
Scott Robert Yager

Bachelor of Science in Industrial Technology

William Daniel Holcomb
Andrew Jacob Maki
Quinn Mathew Schmidt
Vaughn A Schrotenboer

Bachelor of Science in Mechanical Engineering Technology

Ryan Michael Baetsen
Brett Barron Bradley

Josh Adam Graham
Yee Chyuan Koh
Jason Edward Socha
Matthew Duane Stephenson
Jason Anthony Switzer

Bachelor of Science in Surveying Engineering

Justin Floyd Carter
Michael Fraher - Cum Laude
Robert Quenton Maynes
Andrew Donald Ranoni
Tyler David Thiry

Master of Business Administr. in Business Administration

Justin Robert Bonneville
Kennith Richard Croton
Anthony David Delebrea
Dustin James Denkins
Jaime Richard Freitag-Engstrom
Emily J Harrison
Rhen Christopher Hoehn
Timothy Lee Jenkins
Nils Markus Stenvig

Master of Forestry in Forestry

Jason Allen Bramstadt
Jacob James Delvaux
Eric Dunnack
Jason Lee Holmes
Greg Patrick Rekowski
Eric Michael Serrine
Joseph Victor Ventimiglia

Master of Science in Civil Engineering

Jesse Lee Vuorenmaa

Master of Science in Chemical Engineering

Tayloria Nicole Gail Adams
Mathkar Alawi A Alharthi
Benjamin James Conard
Ankur LNU
Urvashi Srivastava
Laura Catherine Starkey
Olumide Ayodeji Winjobi

Master of Science in Electrical Engineering

Joshua Michael Ausmus
Kenneth Wilson Burgi

Nithin Camilo Dmello
Peter Clinton Dohm
Yujia Feng
Vishal Kema
Jaspreet Nayyar
Daniel Burton Prindle
Daniel Michael Sauer
Vamsi Krishna Vasireddy
Zhinan Wang
Michelle Ann Wood

Master of Science in Engineering Mechanics
Nicholas Palma Masticola

Master of Science in Environmental Engineering
Lindsey Marie Brown
Rabi Gyawali
Royer Brendan Held
Joshua Paul Johnson
Matthew James Kucharski

Master of Science in Geology
Rungroj Benjakul
Hans N Lechner
Matthew James VanGrinsven

Master of Science in Mechanical Engineering
Aakash Ahuja
Rajat Arora
Xinyue Chang
Mu-Han Chou
Christopher Paul Cooney
Seth Brian DeLand
Animish Shrikrishna Deshpande
Nan Ding
Zach J Edel
Christopher R Hutton
Swapnil Kashinath Khachane
Sunil Kishinchand Khilnani
Gopinath Krishnaswamy
Aditya Hanumant Kulkarni
Abhishek Anil Manekar
Ranjeeth R Naik
Nitin Narayanan Nair
Yan Ning
Shashank Parasher
Brandon Chester Pennala
Sanjay Vijay Pimple

Zhipeng Qin
Paul Edward Schutte
Martin Susheel Kumar Sepoori
Akshay Dilip Tonape
Samay Trivedi
Rohit Ramesh Umrani
Vishal Tushar Vaidya
Aniket Suresh Waghchaure
Lin Xie

Master of Science in Materials Science and Engineering

Daniel Robert Hoffman
Chienyu Wen

Master of Science in Forest Ecology and Management

Adam Lauritz Airoldi

Master of Science in Forestry

Drew Mackay Ballantyne
Michael Kevin Lorence

Master of Science in Chemistry

Colina Tapash Ranjan Dutta

Master of Science in Computer Science

Ryan David Graydon Beatty
Paul Joseph Bonamy
Benjamin Garrett Depew
Yi Gu
Neelanjana Sachdev

Master of Science in Mathematical Sciences

Heng Guo

Master of Science in Physics

Sanjay Kumar Karna

Master of Science in Rhetoric and Technical Communication

David Brian Karnosky
Rebecca Lee-Frost Karnosky
Lori Ann Sherman

Master of Science in Environmental Policy

Karl James Makinen

Doctor of Philosophy in Biomedical Engineering

Matthew John Barron
Rachel Marie Bradford

Megan Leigh Killian

Doctor of Philosophy in Civil Engineering
Torsten Mayrberger
Wenge Wei

Doctor of Philosophy in Chemical Engineering
David Joseph Wiegand

Doctor of Philosophy in Electrical Engineering
Yinfei Fu
Ghous Bakhsh Narejo
FNU Vidur
Zhonghai Wang

Doctor of Philosophy in Materials Science and Engineering
Rajalakshmi Krishna
Matthew Mark Swanson

Doctor of Philosophy in Engineering - Environmental Engineering
Cory Patrick McDonald
Agustin Robles Morua

Doctor of Philosophy in Mechanical Engineering
Atakan Altinkaynak
Shantanu Dattatraya Kulkarni
Tolou Shokuhfar
FNU Yeliana

Doctor of Philosophy in Chemistry
Singaravelu Velayudham

Doctor of Philosophy in Mathematical Sciences
Adan Niu

Doctor of Philosophy in Engineering Physics
Archana Pandey
Zhuoyuan Wu

Doctor of Philosophy in Physics
Chee Huei Lee
Jiang Lu

Doctor of Philosophy in Rhetoric and Technical Communication
Roxane Gay
Jill Marie Hodges
Maura Joan Taaffe

IV-C. Gifts

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

Michigan Technological University
Michigan Tech Fund
Gift Activity Cash Report
July 1, 2010 through March 31, 2011
Compared to Prior Year

Gift Type	FY11 YTD Total	FY10 YTD Total	\$ Change from Previous Fiscal Year	% Change from Previous Fiscal Year
Cash (current year)	6,362,302	4,203,928	2,158,373	51.3%
Realized Planned Gifts (current year)	1,091,799	188,167	903,633	480.2%
Current Year Subtotal	7,454,101	4,392,095	3,062,006	69.7%
Cash (receipts from prior year pledges)	984,822	1,764,508	-779,686	-44.2%
Realized Planned Gifts (previously recorded)	615,000	16,119	598,881	3,715.4%
Receipts from Previous Year Subtotal	1,599,822	1,780,627	-180,805	-10.2%
Total	9,053,923	6,172,722	2,881,201	46.7%

Michigan Technological University
Michigan Tech Fund
Fundraising Productivity Report
July 1, 2010 through March 31, 2011
Compared to Prior Year

Source	Goal	FY11 YTD Total	% YTD	FY10 YTD Total	FY10 Total
Individuals - Major Gifts (25K and up)	13,000,000	4,741,327	36%	1,620,016	3,095,946
Realized Planned Gifts (Unanticipated - 25K and up)		1,068,973		153,342	599,122
Individuals - non-Major Gifts	1,250,000	1,179,411	94%	1,018,376	1,283,088
Full Value New Planned Gift Commitments	8,200,000	10,146,870	124%	3,176,043	4,787,392
Annual Fund	1,500,000	1,154,770	77%	1,098,992	1,480,049
Corporations	1,600,000	1,413,210	88%	1,082,092	1,289,302
Foundations & Other Organizations	600,000	419,752	70%	91,681	119,040
Gifts-in-Kind	850,000	671,891	79%	335,475	457,735
Grand Total	27,000,000	20,796,005	77%	8,575,997	13,111,672

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

IV-D. Resignations, Retirements & Off Payroll

It was moved by J. Fream, 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
(January 6, 2011 – March 19, 2011)**

Faculty

<u>RESIGNATION</u>	<u>Department</u>	<u>Title</u>	<u>Hire Date</u>	<u>Term Date</u>
Chen, Jin	Chemistry	Assistant Professor	07/05/09	02/01/11

Staff

<u>EXEMPT</u>	<u>Department</u>	<u>Title</u>	<u>Hire Date</u>	<u>Term Date</u>
Archer, Ruth	School of Business	Dir Grad Business Prog	08/20/08	01/21/11
Destrampe, Kelly	Human Resources	Manager Payroll Services	11/23/09	03/16/11
Gustafson, Greta	International Prog & Services	Coordinator Study Abroad	10/06/08	02/23/11
Hermanson, Neil	School of Technology	Operations/Facilities Spvr	08/27/07	02/11/11
Hinsdale, Eric	JR Van Pelt Library	Library Technology Mgr	06/15/09	01/14/11
Johnson, Jeffrey	MTTI	Software Engineer II	09/02/08	03/11/11
Maki, Edward	Facilities Management	Engineer Design	06/22/73	03/11/11
McKilligan, William	Human Resources	Dir Labor Relations Trng	04/25/77	02/11/11
Raber, Kevin	Info Tech Services & Security	Director, Comp Support	09/20/99	02/18/11
Russell, Katherine	COMPASS	Asst Director COMPASS	08/05/08	01/14/11
West, Keith	Info Tech Services & Security	System Administrator II	11/29/99	02/25/11
Wiseman, Sherri	Biological Sciences	Research Associate	10/19/09	03/04/11
Yu, Derek	International Prog & Services	Assistant Director	08/20/10	03/04/11

<u>NON-EXEMPT</u>	<u>Department</u>	<u>Title</u>	<u>Hire Date</u>	<u>Term Date</u>
Alholinna, Timothy	School of Technology	Master Machinist	09/16/06	01/21/11

<u>NON-EXEMPT-PT</u>	<u>Department</u>	<u>Title</u>	<u>Hire Date</u>	<u>Term Date</u>
Bingham, Donna	Chemical Engineering	Secretary 3	08/18/05	02/24/11
Butala, Joseph	Facilities Management	Boiler Operator	03/17/96	02/05/11

<u>COACH</u>	<u>Department</u>	<u>Title</u>	<u>Hire Date</u>	<u>Term Date</u>
Hager, Joshua	General Athletics	Asst Coach Football	04/02/07	01/06/11
Korn, Joshua	General Athletics	Asst Coach M&W CC/ Nordic Ski - Track & Field	08/30/10	01/26/11

IV-E. Naming of Facility

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the naming of Building #102 as the Advanced Power Systems Research Center.

IV-F. Approval of External Auditor

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control authorizes the Administration to engage the certified public accounting firm Rehmann Robson to conduct the following audits for the fiscal year ending June 30, 2011.

1. The annual examination of the University's Financial Statements and Supplemental Information (all funds).
2. The annual examination of federal student financial assistance programs, including Pell Grants, Education Opportunity Grants, Perkins Loans, College Work Study Programs and Part B Loans.
3. The financial audit of the University's intercollegiate athletics programs, as mandated by the National Collegiate Athletics Association.
4. The subsequent event review procedure for the State of Michigan Comprehensive Annual Financial Report.

IV-G. Academic Program Review

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control eliminates the following degree programs: B.S. in Pre-Med option Biology; B.S. in Pre-Dental option Biology; B.S. in Nursing; B.S. in Geophysical Engineering; B.S. in General Science; B.S. in Engineering Administration; Associates in Metals Technology; Associates in Chemical Engineering Technology; Associates in Applied Nursing; M.S. in General Engineering; M.S. in Engineering Physics; Ph.D. in Engineering Mechanics; M.S. in Business Administration; and Ph.D. in Applied Physics.

IV-H. Department Name Change

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the name change from the Department of Exercise Science, Health and Physical Education to the Department of Kinesiology and Integrative Physiology.

IV-I. Degree Title Change

It was moved by J. Fream, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the changing of the degree title Bachelor of Science in Health and Physical Education – Fitness and Sports Management concentration be changed to Bachelor of Science in Sports and Fitness Management.

V. ACTION/DISCUSSION ITEMS

V-A-1. Employee Recognition

It was moved by T. Woychowski, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control adopts the Resolution of the Board of Control of Michigan Technological University In Appreciation for Edward Maki as presented.

Michigan Technological University
Board of Control
In Appreciation
Edward Maki

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

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

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

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

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

V-A. Honorary Posthumous Degree

It was moved by P. Ollia, supported by T. Woychowski, and passed by voice vote without dissent, that the Board of Control approves the awarding on an Honorary Posthumous Bachelor of Science Degree in Forestry to Mr. Stephen M. Eagal.

V-B. Appointments, Not Involving Tenure/Promotion

It was moved by T. Baldini, supported by J. Fream, and passed by voice vote without dissent, that the Board of Control approves the appointments listed herein. The appointments do not include tenure or promotion.

**Appointment without Tenure for Two Years
Effective August 15, 2011**

Junhong Min	Assistant Professor	School of Business & Economics
Maria Schutte	Assistant Professor	School of Business & Economics
Manish Srivastava	Assistant Professor	School of Business & Economics
Joseph Bump	Assistant Professor	School of Forest Res & Env Sciences
Molly Cavaleri	Assistant Professor	School of Forest Res & Env Sciences
Michael Falkowski	Assistant Professor	School of Forest Res & Env Sciences
Oliver Gailing	Assistant Professor	School of Forest Res & Env Sciences
Thomas Pypker	Assistant Professor	School of Forest Res & Env Sciences
Catherine Tarasoff	Assistant Professor	School of Forest Res & Env Sciences
Evgueny Levin	Assistant Professor	School of Technology
Aleksandr Sergeyevev	Assistant Professor	School of Technology
Megan Frost	Assistant Professor	Biomedical Engineering
Jacob Hiller	Assistant Professor	Civil & Environmental Engineering
Zhuo Feng	Assistant Professor	Electrical & Computer Engineering
Christopher Middlebrook	Assistant Professor	Electrical & Computer Engineering
Elena Semouchkina	Associate Professor	Electrical & Computer Engineering
Aleksey Smirnov	Assistant Professor	Geological & Mining Engrg & Sciences
Gregory Waite	Assistant Professor	Geological & Mining Engrg & Sciences
Shiliang Wu	Assistant Professor	Geological & Mining Engrg & Sciences
Yongmei Jin	Assistant Professor	Materials Science & Engineering
Paul Sanders	Assistant Professor	Materials Science & Engineering
Ossama Abdelkhalik	Assistant Professor	Mechanical Engrg-Engrg Mechanics
Bo Chen	Assistant Professor	Mechanical Engrg-Engrg Mechanics
Chang Kyoung Choi	Assistant Professor	Mechanical Engrg-Engrg Mechanics
John Hill	Assistant Professor	Mechanical Engrg-Engrg Mechanics
Desheng Meng	Assistant Professor	Mechanical Engrg-Engrg Mechanics
Reza Shahbazian Yassar	Assistant Professor	Mechanical Engrg-Engrg Mechanics
Rupali Datta	Associate Professor	Biological Sciences
Wan Jin Jahng	Assistant Professor	Biological Sciences
Amy Marcarelli	Assistant Professor	Biological Sciences
Lanrong Bi	Assistant Professor	Chemistry
Lynn Mazzoleni	Assistant Professor	Chemistry
Ashutosh Tiwari	Assistant Professor	Chemistry
Marta Wloch	Assistant Professor	Chemistry
Scott Kuhl	Assistant Professor	Computer Science
Chaoli Wang	Assistant Professor	Computer Science
Louisa Raisbeck	Assistant Professor	Exercise Science, Health & Physical Ed
Wendy Anderson	Assistant Professor	Humanities
Sue Collins	Assistant Professor	Humanities
Matthew Seigel	Assistant Professor	Humanities
Haiying Wang	Assistant Professor	Mathematical Sciences
Petra Huentemeyer	Assistant Professor	Physics
Louise Dyble	Assistant Professor	Social Sciences
Patricia Helsel	Assistant Professor	Visual and Performing Arts
Joel Neves	Assistant Professor	Visual and Performing Arts

**Appointment without Tenure for One Year
Effective August 15, 2011**

Laura Brown	Assistant Professor	Computer Science
Ethan Smith	Assistant Professor	Mathematical Sciences
Aurenice de Menezes Oliveira	Assistant Professor	School of Technology

V-C. Appointments, Involving Tenure/Promotion

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

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

Keat Ghee Ong	Biomedical Engineering
Yue Li	Civil & Environmental Engineering
Amlan Mukherjee	Civil & Environmental Engineering
Michael Bowler	Humanities
Qiuying Sha	Mathematical Sciences
Fabrizio Zanello	Mathematical Sciences
Fernando Ponta	Mechanical Engineering
Gregory Graman	School of Business & Economics
Hao (Howard) Qi	School of Business & Economics
John Vucetich	School of Forest Resources & Environmental Science
Abdul Nasser Al araje	School of Technology
Yu Cai	School of Technology

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

William Breffle	School of Business & Economics
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V-D. Promotions

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

**Promotion from Assistant Professor with Tenure
to Associate Professor with Tenure**

Kurtis G. Patterson	Civil & Environmental Engineering
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**Promotion from Associate Professor with Tenure
to Professor with Tenure**

Seth W. Donahue	Biomedical Engineering
Jason M. Keith	Chemical Engineering
Leonard J. Bohmann	Electrical & Computer Engineering
Zhi (Gerry) Tian	Electrical & Computer Engineering
Lyon Brad King	Mechanical Engineering
Jeffrey D. Naber	Mechanical Engineering
Yoke Khin Yap	Physics

V-E. Proposal for a Master of Science in Integrated Geospatial Technology

It was moved by P. Ollila, supported by K. Clark, and passed by voice vote without dissent, that the Board of Control approves the Master of Science in Integrated Geospatial Technology.

The Board expressed its desire for the Provost to look for the opportunity to include ethics training into this degree program, and to expand that into other curriculums as well.

V-F. Election of Chair and Vice Chair

Dr. Clark reported that the Nominating Committee met and proposed the slate of officers for the 2011-2012 fiscal year. She also reiterated the importance of the Nominating Committee meeting formally each year as the election of Board officers is an extremely important task.

It was moved by K. Clark, supported by T. Baldini, and passed by voice vote without dissent, that the Board of Control appoints Martha Richardson as Chair and Steve Hicks as Vice Chair for the 2011-2012 fiscal year.

V-G. Policy 4.2. Compensation Policy

It was moved by T. Baldini, supported by S. Hicks, and passed by voice vote without dissent, that the Board of Control amends policy 4.2. Compensation as presented herein.

The amended policy shall read as follows:

4.2. Compensation

No University employee may establish compensation for any other University employee or consultant without the approval of the person or persons to whom the employee establishing the compensation reports. In the case of the President of the University, the Board shall be informed of any changes in compensation for any person in the echelon below the President.

V-H. Policy 4.7. Conflict of Interest Policy

As a result of the discussion that took place, the Board will be informed annually on the conflict of interest disclosures that have been reported during the year, and conflicts of interests that are deemed to be of significant importance will be reported to the Board throughout the year on a timely basis.

It was moved by L. Ashford, supported by S. Hicks, and passed by voice vote without dissent, that the Board of Control amends policy 4.7. Conflict of Interest Policy as presented herein.

The amended policy shall read as follows:

4.7 Conflict of Interest Policy

Preamble

Conflicts can be divided into two basic categories. The first covers what many people traditionally associate with the term conflict of interest--opportunities for inappropriate personal gain during the pursuit of official duties. These gains may be financial, but other forms of benefit (power, political advantage, etc.) might also be involved. Another form of conflict has been labeled conflict of commitment, and refers to the choices individuals make about their professional priorities, especially the allocation of their time to the different institutions and organizations they serve as professionals. Conflicts of commitment may emerge when outside professional activities take priority over other professional responsibilities of members of the Michigan Technological University community to the University.

With respect to paid members of the Michigan Technological University community, the term "conflict of interest" as used herein is intended to include "conflicts of commitment." With respect to volunteers such as members of the Board of Control, the Tech Fund and Alumni Boards, only those conflicts of a pecuniary nature are encompassed by the term "conflict of interest."

Statement of General Principles

Upon becoming a member of the Michigan Technological University community, which includes members of the Board of Control and other volunteer boards, every individual makes a commitment to the University. Those who accept full-time University appointments or employment are expected to accord the University their primary professional loyalty. Every paid member of the community is expected to arrange their personal interests and activities so as not to conflict with their commitment to the University.

This does not mean that members of the Michigan Technological University community should avoid involvement in outside activities both public and private. To the contrary, such involvement often serves the University as a whole and the greater public interest. A state-funded, public university such as Michigan Tech is expected to be broadly engaged in

meeting the needs of society for its improvement and enrichment, including the application of new knowledge and improved technologies. Therefore, Michigan Tech strongly encourages outside professional activity by faculty, staff, and administrators, for such efforts usually complement the other responsibilities of members of the Michigan Tech community. Nothing in this policy should be interpreted as discouraging such efforts.

Nonetheless, the efforts of members of the Michigan Technological University community to balance their commitments of time to the University and to outside professional interests must result in their primary professional commitment of time being made to the University. Similarly, avoidance of conflict of interest requires that individuals not realize gain, financial or otherwise, from the inappropriate use of University property, funds, equipment, or prestige. Also, individuals should not realize gain from outside professional interests that would improperly influence the conduct of their University duties.

Disclosure Required

Conflicts of interest are inherent in the requirements and expectations placed on members of academic communities such as Michigan Technological University.

Because conflicts are unavoidable in many instances, this conflict of interest policy is designed to assist members of the Michigan Technological University community to recognize and deal with those real and perceived conflicts that arise. The most basic and important procedure for achieving both a balance of commitment and preventing or enabling the University to manage conflicts of interest with financial implications is full and open disclosure of significant interests and potential conflicts between an individual's public and official obligations and responsibilities on the one hand, and outside professional goals and interests on the other.

Recognizing and disclosing the existence of conflicts of interest and commitment must be, primarily, the responsibility of individual members of the Michigan Tech community. Individuals have to be guided by a sense of professional responsibility, which must include the recognition that they have a public trust as employees of a public university and must be sensitive to potential conflicts. A standard that should be applied in thinking about conflicts of interest is how matters will appear to an outside third party. In this respect, actions by individuals should protect the integrity of Michigan Tech. To that end, periodic and transactional disclosure of significant financial interests (as defined by applicable state or federal regulations) by individual members of the Michigan Technological University community allows the objective determination of whether a financial conflict of interest exists in any given situation.

Members of the Michigan Technological University community engaged in research and scholarly activities have an additional need to maintain objectivity and to insure that inappropriate bias is not introduced into their scholarship. Agencies providing support for research and scholarly activities may have conflict of interest disclosure and training requirements, and it is the intent of the University to be in compliance with those external requirements.

Michigan Technological University has a responsibility to help individuals resolve, or at least minimize, conflicts of interest. Administrators have a special responsibility of creating both an environment and the conditions that encourage full disclosure and the mitigation of conflicts.

Mitigation of Conflicts

No individual having a direct or indirect financial interest in the outcome of any decision to be made on behalf of the University, or having a close relative (as defined by applicable state or federal regulations) with a direct or indirect financial interest in the outcome of any decision to be made on behalf of the University will participate in making that decision, except to the extent the individual's advice or opinion is requested by others charged with the responsibility for making such a decision.

Efforts to resolve and ameliorate conflict of interest shall be handled at the lowest appropriate administrative level. In most instances, members of the Michigan Technological University community will not need authorization or approval from their immediate supervisors before engaging in outside professional activities. Certain cases, however, may require detailed scrutiny and greater care in handling to protect the rights of all parties.

The University Provost shall designate a Conflict of Interest Coordinator. This individual shall act in accord with this conflict of interest policy as well as guidelines established by external granting agencies. Additionally, a University level review committee may be established on a case-by-case basis to examine the circumstances and provide direction aimed at insuring the amelioration of inappropriate conflicts of interest.

Violations of University Policy

Michigan Tech has the authority to take action against individuals who violate conflict of interest policy. Sanctions, which may include termination, are to be graduated to reflect the seriousness of the violation. In enforcing this policy it should be recognized that conflicts are not always blatant; they are not always easily defined in terms of obvious or absolute rights and wrongs. Distinctions must be made between neglect, honest oversights, or ignorance of procedures on the one hand and willful violations on the other, especially deliberate failures to disclose interests or relationships that create conflicts of interest.

V-I. Board of Control Student Fee Policies

It was moved by J. Fream, supported by S. Hicks, and passed by voice vote without dissent, that the Board of Control rescinds policies 8.9. Allocation to the Memorial Union, 8.10. Memorial Union Building Fee, 8.12. Student Development Complex Support Fee, 8.13. Memorial Union Support Fee, 8.8. Matriculation Fee, and 8.14. Utility Fee.

The Board stipulated that with the rescinding of these policies that the designated usage of the funds from these fees will remain the same.

V-J. 8.15. Experience Tech Fee

It was moved by S. Hicks, supported by P. Ollila, and passed by voice vote without dissent, that the Board of Control amends policy 8.15. Experience Tech Fee as presented herein.

The amended policy shall read as follows:

8.15. Experience Tech Fee

The President is authorized to assess an Experience Tech Fee of \$69.00 in each of the fall and spring semesters for each enrolled student. The fee is to improve student access to facilities and events to include, but is not limited to, Mont Ripley Ski Hill, Intramural Sports, Portage Lake Golf Course, Gates Tennis Center, Visual and Performing Arts Department events and Hockey Games.

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

A limited number of exceptions in assessing the fee may be made by the President or the President's designate for university employees and/or graduate students not on the main campus.

Students not enrolled in courses on the main campus, University employees and/or Senior Citizens who are not assessed the fee are not eligible to receive the associated benefits.

V-K. FY 2011-2012 General Fund Operating Budget

Chair Richardson noted that the budget has been discussed at length in the Finance Committee meetings, and the Committee and the Administration has worked diligently to come up with a sound, balanced budget in the face of economic challenges.

Ms. Fream complimented the University on the budget. There were an incredible amount of difficult decisions that went into this budget process while maintaining the strategic vision of what the University wants to accomplish. It is a compliment to the University for the focus, the diligence in developing the budget, and keeping a cool head in light of some very challenging times.

It was moved by S. Hicks, supported by L. Ashford, and passed by voice vote without dissent, that the Board of Control approves the FY 2011-2012 General Fund Operating Budget as presented.

Michigan Technological University
Tuition Rates

	Proposed 2011-12 Tuition Rates
Undergraduate Resident per credit rate	\$420.50
Undergraduate Non-Resident per credit rate	\$857.00
Graduate Resident and Non-Resident per credit rate	\$702.00
Graduate Resident and Non-Resident per credit rate for Applied Science Education and on campus Peace Corps students	\$457.00
Graduate Resident and Non-Resident per credit rate for Graduate Students who are in the Research Only Mode	\$233.50
Engineering/Computer Science Tuition fee per semester for Undergraduates taking fewer than 6 credits and Graduate students taking fewer than 5 credits	\$352.50
Engineering/Computer Science Tuition fee per semester for Undergraduates taking 6 credits or more and Graduate students taking 5 credits or more	\$705.00
On-line MBA Program - includes cost of tuition for the two-year degree and three required residencies, which includes housing and most meals, but not transportation.	\$38,000.00

Michigan Technological University

General Fund FY12 Budget

	Budget Year
	FY12
Operating Revenues	
Tuition and Fees	\$ 106,036,621
Federal Grants and Contracts	150,000
State & Local Government Grants & Contracts	-
Nongovernmental Grants & Contracts	-
Indirect Cost Recoveries	12,426,000
Educational Activities/Misc. Revenues	610,000
Student Resident Fees	-
Sales and Services of Dept Activities	-
	\$ 119,222,621
Operating Expenses	
Staff S&W	\$ (28,022,158)
Faculty S&W	(39,793,124)
Grad Student S&W	(3,344,370)
Undergrad Student S&W	(1,148,715)
Fringe Benefits	(24,833,867)
Supplies & Services	(15,528,037)
Scholarships	(27,318,190)
Utilities	(4,521,000)
Contingency Reserve	(3,200,000)
	\$ (147,709,461)
Transfers	
Mandatory	\$ (145,687)
Mandatory/Non-Mandatory	(12,128,673)
	\$ (12,274,360)
Nonoperating Revenues (Expenses)	
State Appropriations	\$ 40,761,200
	\$ 40,761,200
Net Income (Loss)	\$ 0

FY12 Current Fund Projection

	General Fund	Designated Fund	Auxiliary Fund	BAI Fund	Total Current Unrestricted	Total Expendable Restricted	Total Current Fund
Operating Revenues							
Tuition and Fees	\$ 106,036,621	\$ -	\$ 900,060	\$ -	\$ 106,936,681	\$ -	\$ 106,936,681
Federal Grants and Contracts	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 36,128,266	\$ 36,278,266
State & Local Government Grants & Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,170,989	\$ 3,170,989
Nongovernmental Grants & Contracts	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,812,968	\$ 12,812,968
Indirect Cost Recoveries	\$ 12,426,000	\$ -	\$ -	\$ -	\$ 12,426,000	\$ (12,426,000)	\$ 0
Educational Activities	\$ 610,000	\$ 2,470,228	\$ 717,654	\$ -	\$ 3,797,881	\$ 330,039	\$ 4,127,920
Sales and Services of Dept Activities	\$ -	\$ 114,074	\$ 8,294,283	\$ -	\$ 8,408,357	\$ 5,525	\$ 8,413,882
Student Resident Fees	\$ -	\$ -	\$ 20,727,623	\$ -	\$ 20,727,623	\$ -	\$ 20,727,623
	\$ 119,222,621	\$ 2,584,302	\$ 30,639,619	\$ -	\$ 152,446,542	\$ 40,021,787	\$ 192,468,329
Operating Expenses							
Staff S&W	\$ (28,022,158)	\$ (3,959,246)	\$ (7,777,743)	\$ (1,545,475)	\$ (41,304,622)	\$ (9,119,954)	\$ (50,424,576)
Faculty S&W	\$ (37,793,124)	\$ (534,218)	\$ (9,386)	\$ (207)	\$ (38,336,935)	\$ (4,054,313)	\$ (42,391,248)
Grad Student S&W	\$ (3,344,370)	\$ (892,769)	\$ (342,557)	\$ -	\$ (4,579,696)	\$ (4,534,258)	\$ (9,113,955)
Undergrad Student S&W	\$ (1,148,715)	\$ (591,504)	\$ (1,780,467)	\$ -	\$ (3,520,686)	\$ (1,667,340)	\$ (5,188,026)
Fringe Benefits	\$ (24,333,867)	\$ (1,569,487)	\$ (2,566,655)	\$ (1,492,400)	\$ (29,962,410)	\$ (4,360,080)	\$ (34,322,490)
Supplies & Services	\$ (15,528,037)	\$ (8,871,210)	\$ (9,535,959)	\$ (704,448)	\$ (34,639,653)	\$ (14,810,416)	\$ (49,450,069)
Scholarships	\$ (27,318,190)	\$ (771,750)	\$ (299,684)	\$ -	\$ (28,389,625)	\$ (14,000,511)	\$ (42,390,136)
Utilities	\$ (4,521,000)	\$ (191,819)	\$ (3,512,415)	\$ -	\$ (8,225,234)	\$ (46,958)	\$ (8,272,192)
Contingency Reserve	\$ (3,200,000)	\$ -	\$ -	\$ -	\$ (3,200,000)	\$ -	\$ (3,200,000)
	\$ (145,209,461)	\$ (17,382,004)	\$ (25,824,867)	\$ (3,742,530)	\$ (192,158,862)	\$ (52,593,831)	\$ (244,752,693)
Transfers							
Total Transfers	\$ (14,774,360)	\$ 7,249,365	\$ (5,466,909)	\$ 3,766,690	\$ (9,225,214)	\$ 3,153,334	\$ (6,071,880)
	\$ (14,774,360)	\$ 7,249,365	\$ (5,466,909)	\$ 3,766,690	\$ (9,225,214)	\$ 3,153,334	\$ (6,071,880)
Nonoperating Revenues (Expenses)							
State Appropriations	\$ 40,761,200	\$ -	\$ -	\$ -	\$ 40,761,200	\$ -	\$ 40,761,200
Gift Income	\$ -	\$ 6,927,407	\$ 873,551	\$ -	\$ 7,800,958	\$ 3,363,827	\$ 11,164,785
Investment Income	\$ -	\$ -	\$ -	\$ 117,707	\$ 117,707	\$ 3,707	\$ 121,414
Federal Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,351,085	\$ 6,351,085
	\$ 40,761,200	\$ 6,927,407	\$ 873,551	\$ 117,707	\$ 48,679,865	\$ 9,718,619	\$ 58,398,484
Net increase (decrease) in fund balance	\$ 0	\$ (620,930)	\$ 221,394	\$ 141,867	\$ (257,668)	\$ 299,909	\$ 42,241

VI. REPORTS

- A. Research and Sponsored Programs Report – Dr. David Reed, Vice President for Research
A copy of Dr. Reed’s report was included in the agenda book.
- B. University Senate Report – Dr. Rudy Luck, President
A copy of Dr. Luck’s report was included in the agenda book.
- C. Undergraduate Student Government Report – Mr. Beau Baldwin, President
A copy of Mr. Baldwin’s report was included in the agenda book.
- D. Graduate Student Government Report – Mr. Jarod Maggio, President & Ms. Margo Woller-Carter, President Elect - A copy of their report was included in the agenda book.

VII. INFORMATIONAL ITEMS

- A. Analysis of Investments
- B. University Issued Bond Balances
- C. Research and Sponsored Programs
- D. Advancement Report
- E. Recent Media Coverage
- F. Occupational Safety & Health Services Report

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 K. Clark, supported by L. Ashford, and passed by voice vote without dissent, that the meeting be adjourned.

Secretary of the Board of Control

Chair, Board of Control