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

Meeting of
May 4, 2007
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IX. Closed Session
    - Presidential Performance Review
    - Advisory Committee to the President

X. Adjournment
MINUTES OF THE FORMAL SESSION OF THE BOARD OF CONTROL OF
MICHIGAN TECHNOLOGICAL UNIVERSITY held pursuant to due call in Ballroom B of
the Memorial Union Building on the campus of Michigan Technological University in the
City of Houghton, Michigan at eight thirty o’clock on the morning of May 4, 2007.

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 4th day of May, 2007, 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, K. Clark, and a quorum was declared present.

The following members of the Board of Control were present:

    K. I. Clark, Chair
    D. J. Brule
    R. A. Gronevelt
    R. A. Kershner
    R. A. Reck
    M. K. Richardson
    G. D. Mroz, ex officio

The following members were absent:

    None

Also present during part or all of the session were: Dale R. Tahtinen, Secretary of the Board
and Vice President for Governmental Relations; Daniel D. Greenlee, Treasurer and Chief
Financial Officer; George Butvillas, Chairman of the Michigan Tech Fund; David D. Reed,
Provost and Vice President for Academic Affairs and Vice President for Research; Shea
McGrew, Vice President of Advancement and Marketing; Les Cook, Vice President for
Student Affairs, Ellen S. Horsch, Vice President for Administration; 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 R. Reck, supported by M. Richardson, and passed by voice vote without dissent, that the agenda of the formal session of May 4, 2007, as distributed to the Board, be approved as amended.

II. APPROVAL OF MINUTES

It was moved by R. Gronevelt, supported by M. Richardson, and passed by voice vote without dissent, that the minutes of the formal session of December 15, 2006, be approved.

III. 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. I would also like to take this opportunity to welcome George Butvilas, Chairman of the Michigan Tech Fund, and thank him for taking the time to be here with us today.

We have continued to make excellent progress in securing research funding and recognition and would like to highlight the following projects and achievements:

Dr. Mike Roggeman, of the Department of Electrical and Computer Engineering, was awarded an additional $1 million for his work in developing technology to extend the range and effectiveness of laser communications, imaging, and remote sensing systems. This technology uses optical radiation which must propagate through the atmosphere. This is done to assist critical elements of our national defense and to spin-out and commercialize products to benefit the environment and our national as well as state economy. This grant is in addition to the $2.4 million he was awarded in 2006.

Nick Subotic, Co-Director of the Michigan Tech Research Institute, has received a $910,360 award from the Department of Defense for Counter Sniper Research. The DARPA counter sniper program objective is to establish the ability of finding snipers prior to them discharging their weapons. Long hollow tubes have a very specific signature to a RADAR that distinguishes it from other objects. We are assembling an instrumentation RADAR to perform field collections with sniper threats at a government facility to determine how detectable these signatures are in a real world environment.

Terry McNinch, Director of the Michigan Tech Transportation Institute, received an additional award of $683,276 from the Department of Transportation to continue the development of RoadSoft. RoadSoft GIS is a roadway management system used by Michigan’s counties and cities in their effort to manage the road system using the principles
of Asset Management and improve traffic safety. Michigan Tech’s Technical Development Group does all the system development and technical support, while the Local Technical Assistance Program conducts the training statewide and via Internet webinars numerous times a year.

I am pleased to announce that Michigan Tech has three new National Science Foundation Career Award winners:

Ranjit Pati received his Ph.D. in Theoretical Condensed Matter Physics in 1998 from the University at Albany, State University of New York (SUNY). Following his postdoctoral works for Air Force Research Laboratory at Albuquerque and Rensselaer Polytechnic Institute, he joined the Physics Department at MTU in 2004. He has made significant and substantial contributions to the field of molecular electronics, which bears the only possible hope for device miniaturization beyond the year 2015. In the proposed Career project, he plans to develop an ultra-small molecular transistor. If successful, this project would serve as an important step towards the realization of the key component of an ultimate miniaturized molecular computer.

Tricia Chigen is an Assistant Professor of Electrical and Computer Engineering at Michigan Tech, and has been with the Department since 2002. Through her CAREER award for "Research on real-time robust and secure communications for vehicular ad hoc networks", she is developing Vehicular Ad Hoc Networks that will enhance traffic safety and traffic operation by addressing several challenges in access technology, dynamic power control, robust multi-hop communication, and security and privacy provisioning. Her research activities also address sensor network communication, and wireless mesh networks for tracking; the Eaton Corporation and the U.S. Army have supported work in these areas. She has over 30 journal and conference papers, and has served on several conference program committees.

Zhenlin Wang received his Ph.D. in Computer Science from the University of Massachusetts, Amherst in February 2004 and M.S. and B.A. degrees in Computer Science from Beijing University. Dr. Wang's research interests include optimizing compilers and high performance computer architectures. The research component of his CAREER grant focuses on developing a model to understand data locality in programs in order to improve memory system performance in both conventional hardware and in state-of-the-art multi-core systems. Dr. Wang has served on several program committees of international conferences related to programming languages, compilers and computer architecture and is an active reviewer for top conferences and journals. He has graduated one Ph.D. student and is currently advising two Ph.D. students.

In addition, Dr. Tim Schulz, chair of the Department of Electrical and Computer Engineering, has bee elected a Fellow in The International Society for Optical Engineering. Dr. Schulz was selected in part for his research in signal processing methods for sensing and imaging. His research programs have been supported by NSF, Air Force Office of Scientific Research, DARPA, the Space Telescope Science Institute, the Army Night Vision Laboratory and other governmental agencies. Fellows are members of distinction who have made significant scientific and technical contributions in the fields of optics, photonics and imaging. Approximately 2.5 percent of the membership has attained the rank of Fellow.
Russ Alger’s SafeLane, which is being marketed by Cargill, is a mix of epoxy and aggregate rock applied to pavement. When liquid anti-icing chemicals are applied to the overlay before ice or snowstorms hit, the materials act like a rigid sponge, storing the chemicals inside and automatically releasing them as wintry conditions develop. The result is safer surfaces with better traction and less maintenance, because the overlay helps prevent ice or frost from forming. Now that the product has exceeded expectations on roads and bridges, Alger, a project manager and research leader at the Keweenaw Research Center, has fine-tuned SafeLane for surfaces such as walkways and parking lots.

The Arnold Air Society recently selected Michigan Tech and its Robert E. LaMotte Squadron to serve as the society’s area headquarters for 2007. The AAS is open to officer candidates in Air Force ROTC chapters and at the United States Air Force Academy. The squadron will be overseeing 17 universities across the Midwest. They will be a vital link between the universities and the national organizations.

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 Mark Johnson, School of Technology; Rosalie Kern of the Department of Education, and Seyed Zekavat of Electrical and Computer Engineering.

The candidates recommended for promotion from associate professor to professor are Patricia Heiden of Chemistry; Steve Seidel and Ching-Kuang Shene of Computer Science; Jacek Borysow of Physics; Julia King of Chemical Engineering; Jiann-Yang Hwang of Materials Science & Engineering; and John Gershenson, Mahesh Gupta, and Mohan Rao of Mechanical Engineering-Engineering Mechanics.

**President’s Comments**

People, Distinctive Programs, and the Scholarship, Creativity, Research and Development – While these often seem like separate and distinct concepts, it’s the people that pull it all together and it’s nearly impossible to talk about one without the other.

A great university creates the future through the creative interaction between faculty, students, and staff. Often we feel the energy of that interaction in our daily lives here at Michigan Tech. As we approach commencement, I thought I would take the opportunity to look at the distinctiveness of Michigan Tech in a different way—from the perspective of those outside our university who seek to acknowledge the accomplishments and the potential of our faculty staff and students through awards, fellowships, and leadership opportunities.

Consider the following distinctions from this year:

Stephanie Irish, a Junior in Physics, won a Goldwater Scholarship. The Goldwater is the best an American undergraduate in the STEM areas can achieve in terms of a national distinction. She is mentored by Professor Will Cantrell.
Jeffrey Katalenich, a sophomore in ME, has received two distinctions. This summer he will have a Department of Energy fellowship and engage in research at the National Space Nuclear Research Center. He is also a recipient of a multi-year Department of Homeland Security Fellowship. His faculty mentor is Professor Brad King.

Keely Wilson, a first year student, will be going to the Oak Ridge National Lab on a summer fellowship. This will allow her to do research in chemistry while learning effective ways to teach chemistry.

Brooke Smith, a junior in biomedical engineering, has received a Research Internship in Science and Engineering from the German Academic Exchange Service. She will work with Ph.D. students in Freiberg, Germany on neural prosthetics and probes for use with Alzheimer’s or Parkinson’s patients. Her faculty mentor is Prof. Michael Neuman, chair of biomedical engineering.

Five undergraduates, Karen Jarvey, Tara Swanson, Timothy Weber, Alexandra Zevalkink, and Keith Magic will hold Michigan Space Grant Consortia Awards. Their mentors are Profs. Tammy Haut Donahue, Brad King, and Seth Donahue.

Once again, a team of Tech students in the Applied Portfolio Management Program, under the mentorship of Dean Johnson, won their division in the National Investment Competition with an over 20% return on investment.

Colin Brandt (ME and Technical Theater) and Dan Gossens (CSNA and a minor in technical theater) won a problem in sound design at the Theater Tech competition in Milwaukee. Their faculty mentor is Christopher Plummer.

SherAaron Hurt, SBE, has a GM Sullivan Fellowship. Her mentor is Mary Raber.

**Graduate Students**

Twelve of our graduate students hold or have received NSF Graduate Fellowships.

Six of our graduate students are here on Fulbrights from their home countries

Alicia Thorsen a Masters student in Computer Science has been awarded a 2007 Google Anita Borg Memorial Scholarship. Her advisor is Phil Merkey and her application was supported by Chair Linda Ott.

Fan Ning, one of the first students in our MBA program, was awarded Kauffman Foundation internship in St. Louis, also a first for Tech.

**Faculty Members**

John Gierke has been named one of three Michigan Distinguished Professors of the Year.
David Hand has been named outstanding educator by American Society for Engineering Education (ASEE).

Mary Durfee has received a Fulbright to Malta for the coming year.

Doug Swenson has received a Fulbright to Sweden for the spring semester.

David Reed has been named to the Oak Ridge Associated University Governing Board.

Shalini Suryanarayana has received the Athena Award.

And on top of all that, our Board Chair, Kathy Clark, was the keynote speaker for the meeting of the Professional Board Staff of the Association of Governing Boards, speaking on the challenges confronting higher education during the coming decades, the role of political and economic forces, and the impact that those factors will have upon university governance.

This is only a partial list, but great examples of how people bring distinction to themselves, their programs and Michigan Tech as a whole, and it reinforces the promise we make to students and their families who have placed their trust in us for a quality education.

It is also this continued record of accountability that attracts the support of our friends and alums, friends and alums that want to invest in Michigan Tech's future.

Today, we are very pleased to announce several such investments in Michigan Tech’s strategic initiative.

Alumnus Bill Jackson and his wife Gloria have donated $1M to fund the William and Gloria Jackson Endowed Professorship to support the recruitment and retention of outstanding faculty members in Computer and Information Sciences.

In addition, Dick and Bonnie Robbins, alumni (Bonnie is an honorary alum) and philanthropists have added their strong support to our strategic direction for Michigan Tech with the establishment of the Robbins Chairs of Sustainability. Their gift includes: a Chair in Sustainable Manufacturing Design, a Chair in Sustainable Use of Materials, and a Chair in the Sustainable Management of the Environment. Their intent is to support faculty who can advance sustainability across disciplines.

We thank them for their support, but we also thank all those at Michigan Tech, those mentioned above as well as all the others here at Michigan Tech, who bring distinction to themselves and the University, because it is through your efforts that teaching, research, and service come together.
IV. ACTION/DISCUSSION ITEMS

IV-A-1. Academic Affairs Committee Report

Mr. Gronevelt reported that the Academic Affairs Committee met yesterday and had a very productive meeting.

President Mrocz met with the Committee and gave an update on the Provost Search. The Search Committee has conducted a number of interviews and recommended two candidates, and he is considering those candidates at this time and expects to be making an offer very soon.

The Committee reviewed the four academic proposals which included: 1. Final approval of the Ph.D. in Atmospheric Science with preliminary action taken by the Board at the December meeting; 2. Final approval of the B.S. in Health and Physical Education. This item did not receive preliminary approval as it had been proposed to be reviewed at the February meeting which did not occur. With that being understood, the Provost submitted it to the State for review and it received approval from the State. Therefore it is appropriate for the Board to be acting on a final approval for this new degree; 3. Title change for the M.S. Degree in Mineral Economics; and 4. Name change for the Department of Education. The Committee having reviewed these four action items recommends adoption by the Board.

A university matrix with goals for the colleges and schools was presented by the Provost. This was a very interesting presentation that the full Board will probably be seeing more of at the Board’s retreat in June.

The Committee also discussed Board of Control policy 3.2. Authority to Make Payroll Changes. One of our Board members saw that item come up before us on numerous occasions and questioned the reason why we had to authorize the action of employees going off payroll. That was explained to the Committee, and at the same time the whole policy was revisited. As a result, there were several recommendations for changes and some draft language was discussed. The Administration will take those issues up with legal counsel and we will see them again at our next Academic Affairs meeting, where we will be reviewing those and recommending them to the Board for action.


Dr. Dave Reed, Provost and Vice President for Academic Affairs presented the following report.
Provost’s Report

May 4, 2007
David D. Reed

Outline

• New Degree Program Proposals
• Departmental Name Change
• Strategic Metrics/Goals

New Degree Program

• PhD in Atmospheric Sciences
• MS in Applied Natural Resource Economics
• BS in Health and Physical Education
PhD in Atmospheric Sciences

- Interdisciplinary Proposal from the Departments of Physics, Civil and Environmental Engineering, the Colleges of Engineering and Sciences and Arts, and the Graduate School
- This has been approved by the Graduate School, the Graduate Faculty Council, and the University Senate, and the State Academic Officers, and is before the Board for final approval.

MS in Applied Natural Resource Economics

- This is a renaming of our current MS in Mineral Economics offered through the School of Business and Economics.
- This has been approved by the Senate and the State Academic Officers and is before the Board for final approval.

BS in Health and Physical Education

- This is a proposal from the Department of Exercise Science, Health, and Physical Education in cooperation with the Department of Education to create a degree program in Health and Physical Education that will incorporate a secondary teaching certificate.
- This proposal has been approved by the Deans the Senate, and the State Academic Officers, and is before the Board for final approval.
Departmental Name Change

- The Department of Education has requested a change in its name to the Department of Cognitive and Learning Sciences better reflect departmental activities. This has been approved by the Senate and is before the Board for final approval.

University Strategic Metrics

- Average ACT for Entering Freshman
- Number of PhD Graduates
- Sponsored Program Awards
- Endowment

Strategic Goals

- Average ACT of Entering Freshman
  - COE 26.5
  - CSA 26
  - SBE 25
  - SFRES 25
  - SOT 26
  - Overall 26.0
Strategic Goals

- Number of PhD Graduates
  - COE: 42
  - CSA: 22
  - SBE: NA
  - SFRES: 5
  - SOT: NA
  
  University Total: 69

Strategic Goals

- Sponsored Program Awards
  - COE: $33.0
  - CSA: $6.4
  - SBE: $1.0
  - SFRES: $14.0
  - SOT: $1.0

  University Total: $76.6

Strategic Goals

- Endowment
  - COE: $100.0 MM
  - CSA: $50.0 MM
  - SBE: $15.0 MM
  - SFRES: $4.0 MM
  - SOT: $4.0 MM

  University Total: $200.0 MM
IV-A-3. Appointments, Not Involving Tenure and/or Promotion

It was moved by R. Reck, supported by D. Brule, 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 20, 2007**

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<th>Name</th>
<th>Rank</th>
<th>Department</th>
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<tbody>
<tr>
<td>Mari Buche</td>
<td>Assistant Professor</td>
<td>School of Business &amp; Economics</td>
</tr>
<tr>
<td>Gregory Graman</td>
<td>Assistant Professor</td>
<td>School of Business &amp; Economics</td>
</tr>
<tr>
<td>Hao Qi</td>
<td>Assistant Professor</td>
<td>School of Business &amp; Economics</td>
</tr>
<tr>
<td>Robert Froese</td>
<td>Assistant Professor</td>
<td>School of Forest Res. &amp; Env. Science</td>
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<tr>
<td>Abdunasser Alaraje</td>
<td>Assistant Professor</td>
<td>School of Technology</td>
</tr>
<tr>
<td>Yu Cai</td>
<td>Assistant Professor</td>
<td>School of Technology</td>
</tr>
<tr>
<td>Yue Li</td>
<td>Assistant Professor</td>
<td>Civil &amp; Environmental Engineering</td>
</tr>
<tr>
<td>Amlan Mukherjee</td>
<td>Assistant Professor</td>
<td>Civil &amp; Environmental Engineering</td>
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<tr>
<td>Jason Blough</td>
<td>Assistant Professor</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Jaime Camelo</td>
<td>Assistant Professor</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Roshan D'Souza</td>
<td>Assistant Professor</td>
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<tr>
<td>Spandan Maiti</td>
<td>Assistant Professor</td>
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<tr>
<td>Henry Sodano</td>
<td>Assistant Professor</td>
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<tr>
<td>Byeng Dong Youn</td>
<td>Assistant Professor</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Nancy Auer</td>
<td>Associate Professor</td>
<td>Biological Sciences</td>
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<td>Ramakrishna Wusirika</td>
<td>Assistant Professor</td>
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<td>Heather Youngs</td>
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<tr>
<td>Caroline Taylor</td>
<td>Assistant Professor</td>
<td>Chemistry</td>
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<td>Martin Thompson</td>
<td>Assistant Professor</td>
<td>Chemistry</td>
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<tr>
<td>Zhenlin Wang</td>
<td>Assistant Professor</td>
<td>Computer Science</td>
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<tr>
<td>William Helton</td>
<td>Assistant Professor</td>
<td>Department of Education</td>
</tr>
<tr>
<td>Michael Bowler</td>
<td>Assistant Professor</td>
<td>Humanities</td>
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<tr>
<td>M Ann Brady</td>
<td>Assistant Professor</td>
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<tr>
<td>Phillip Merkey</td>
<td>Assistant Professor</td>
<td>Mathematical Sciences</td>
</tr>
<tr>
<td>Qiuying Sha</td>
<td>Assistant Professor</td>
<td>Mathematical Sciences</td>
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### Appointment without Tenure for One Year
**Effective August 20, 2007**

<table>
<thead>
<tr>
<th>Name</th>
<th>Rank</th>
<th>Department</th>
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<tbody>
<tr>
<td>Eugenijus Urnezius</td>
<td>Assistant Professor</td>
<td>Chemistry</td>
</tr>
<tr>
<td>Marika Seigel</td>
<td>Assistant Professor</td>
<td>Humanities</td>
</tr>
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</table>

IV-A-4. Appointments, Involving Tenure/Promotion

It was moved by R. Kershner, supported by D. Brule, 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

Mark Johnson                School of Technology
Rosalie Kern                Department of Education
Seyed Zekavat               Electrical & Computer Engrg

IV-A-5. Promotions

It was moved by D. Brule, supported by M. Richardson, and passed by voice vote without 
dissent, that the Board of Control approves the promotions listed herein.

Promotion from Associate Professor with Tenure to
Professor with Tenure

Patricia Heiden                Chemistry
Steve Seidel                    Computer Science
Ching-Kuang Shene               Computer Science
Jacek Borysow                   Physics
Julia King                      Chemical Engineering
Jiann-Yang Hwang                Materials Science & Engineering
John Gershenson                 Mechanical Engineering-Engineering Mechanics
Mahesh Gupta                   Mechanical Engineering-Engineering Mechanics

IV-A-6. Final Approval for a Ph.D. Program in Atmospheric Sciences

It was moved by R. Gronevelt, supported by R. Reck, and passed by voice vote without 
dissent, that the Board of Control approves the Ph.D. Program in Atmospheric Sciences.

IV-A-7. Final Approval for a Bachelor of Science in Health and Physical Education

It was moved by R. Gronevelt, supported by M. Richardson, and passed by voice vote without 
dissent, that the Board of Control approves the Bachelor of Science in Health and Physical Education.

Mr. Brule pointed out that two or three years ago we discussed the number of degree 
programs we had at Michigan Tech and compared them at the time to other universities. He 
is wondering where we stand now. Provost Reed indicated that Michigan Tech is still either 
the lowest, or the 2nd lowest, in the State in terms of the number of programs that we have. 
However, overall it has gone up dramatically in the last few years.

President Mroz added that 83% of Michigan Tech grads come from STEM (science, 
technology, engineering and math) related fields.
Dr. Clark suggested that this would be a good topic to be discussed further at a future Academic Affairs Committee meeting.

Dr. Reck noted that her only concern is that we should stress what we are best at. It's always a worry to her that as we grow we might be diluting ourselves.

**IV-A-8. Degree Title Change**

It was moved by R. Gronevelt, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control approves the changing of the degree title Master of Science in Mineral Economics to Master of Science in Applied Natural Resource Economics.

**IV-A-9. Department Name Change**

It was moved by R. Gronevelt, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control approves the name change from the Department of Education to the Department of Cognitive and Learning Sciences.

**IV-A-10. Emeritus Rank**

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

1.) Dr. John B. Ligon, Professor Emeritus, Department of Mechanical Engineering-Engineering Mechanics

**IV-A-11. Degrees in Course**

It was moved by R. Reck, supported by D. Brule, 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 Conferral Term 200705

Associate in Applied Science in Engineering Technology
   Richard Douglas Starr - Cum Laude

Associate in Applied Science in Civil Engineering Technology
   Dan Alexander Framarin
   Kevin Michael Hallack
   Paul Matthew Moyryla
Associate in Applied Science in Electrical Engineering Technology
   Jason Gordon Wales

Associate in Applied Science in Electromechanical Engineering Technology
   Joshua Seth Greenwood

Associate in Applied Science in Forest Technology
   Jason Mathew Hruska

Bachelor of Arts in Liberal Arts
   Laura Jayne Kirby
   Ruth June-Lahti Ryynanen
   Kati Volkman

Bachelor of Arts in Scientific and Technical Communication
   Karmen T Antilla
   Jennifer Anne Drewyor
   Nicole M Roth - Magna Cum Laude

Bachelor of Science in Business Administration
   Cindy Kay Blumhardt
   Natasha Irene Chopp - Cum Laude
   Thomas Francis Featherstone
   Keith Richard Fyhr
   Mark Andrew Garver
   Matthew Charles Gottwald
   Alexander Jameson Hughes
   Jessica Ann Johnson
   Jeffrey M Johnson
   Beth Marie Kirchenwitz
   Dale Kleffman
   Andrew Scott Kulie
   Ming Li
   David Chase Mitchell
   Jessica S Omtvedt - Summa Cum Laude
   Nicholas Arthur Patrick
   Sara Jane Pray
   Byron John Quinn
   Brian Lawrence Reiber
   Nicole M Roth - Magna Cum Laude
   Brad M Ruhnane
   Rachel R Scaife - Summa Cum Laude
   Suzanne Andrea Scott
   Katherine Lee Shamus - Magna Cum Laude
   Lisa Marie Stamler
   Adam L Thielsen
   Whitney Pasqua Warstler
Mitchell Blaze Worachek
Wendy Margaret Yrjana

Bachelor of Science in Economics
David William Leopold

Bachelor of Science in Biomedical Engineering
Paul Ronald Anderson - Magna Cum Laude
Dona Marie Bondy - Summa Cum Laude
Christopher Michael Kukla
Ryan Joseph McKindles - Magna Cum Laude
Holly Pamela Revord - Summa Cum Laude
Ee Lim Tan - Magna Cum Laude
Shannon Lee Yarber

Bachelor of Science in Engineering
Michael Alan Coppinger
Christopher Alan Purdy
Brian Daniel Rowley

Bachelor of Science in Civil Engineering
Tony J Arts
Phillip James Barton
Christopher Gordon Bruning
Sarah Lynn Chartier - Cum Laude
Nicholas D Czerwinski - Cum Laude
Nicholas Andrew DeKeyser - Summa Cum Laude
Jok David Deng
Daniel Robert Erva
Nicholas Joseph Everson
Matthew Michael Gilbert
Shu Wei Goh - Cum Laude
Brian James Grieve
Julie Christine Hammer
Joel Niels Hansen
Matthew Martin Hulst
Matthew Richard Lamberti
Matthew J Lemon
Steven Anthony McManus
Collin M Osenroth
Timothy Joseph Pach - Cum Laude
Katie Anne Radke
Gregory Robert Roth
Anthony William Santilli
Michael Patrick Schaut
Brian James Schneider
Bradley M Seubert
Andrew W Smith
Victor LeRoy Stevens
Jacob Thomas Vermillion - Magna Cum Laude
Nicholas David Vos
Alexander Pierce Williams
Kimberly Marie Zielesch

Bachelor of Science in Chemical Engineering
Scott Anthony Latusek - Cum Laude
Kevin Richard Srebinski

Bachelor of Science in Computer Engineering
John M Beck
Yassine Borkadi Khaldi
Joshua J Gudwer
Sheetal Prakash Hosmani - Magna Cum Laude
Lee Michael Kamin - Cum Laude
Adam Martin Nackers - Cum Laude
Jeremy Michael Rudland
Joshua Louis Ruedisueli
Michael J Schuchardt - Cum Laude
Lisa M Thiry - Magna Cum Laude

Bachelor of Science in Electrical Engineering
Joshua Michael Adams
James Charles Bestul - Cum Laude
Erik D Czarnik
Zachary Frank John Drake - Cum Laude
Michael Christopher Hamlin
Paul R Hector
Nicholas L Heikkinen
Oladipupo Ebunoluwa Lashore - Summa Cum Laude
Joseph Edward Lukaszewski
James Dennis Machuga
Justin D McLeod
Chad Stephen Nelson - Magna Cum Laude
Dustin Clifford Neubauer
Gregory James Niedzwiecki - Magna Cum Laude
Christopher James Pethke
Patrick Lee Rinckey
Kyle Justin Solander - Cum Laude
Alexander Wireko-Broby

Bachelor of Science in Environmental Engineering
Andrea D Andres
Amanda M Kohler - Summa Cum Laude
Gregory Hallett LeFevre - Summa Cum Laude
Amy F Owen - Magna Cum Laude
Joseph Robert Ridgway
Carl Bert Schroeder - Cum Laude
Timothy G Zishka
Patrick Shaw dePaula

Bachelor of Science in Geological Engineering
Anna M Hermesmeyer
Adam Charles Peckens

Bachelor of Science in Geology
Jessica S Miron

Bachelor of Science in Mechanical Engineering
Jeremy James Allan - Cum Laude
Nathaniel Robert Armstrong
Michael Lee Barnaby - Magna Cum Laude
David Ashton Belling
Philip Michael Benes - Magna Cum Laude
Matthew Alan Bluhm
Steven T Boes
Jonathon Michael Branson
Adam C Brown - Magna Cum Laude
Andrew David Bruce - Cum Laude
Daniel Robert Charais
Beau Evan Crandell
Alan Dean Crawford
Molly S Crouch - Summa Cum Laude
David Carl Daavettila - Summa Cum Laude
Andrew P Davidson
Sean Alexander Deffendall
Pierce Gregory Dehring
Andrew James Fenderbosch
Jonathon Lee Gifford - Cum Laude
Yong EE Guan
Peter John Hesselroth
Kyle A Hohlihan
Hwan I Hwang
David Lee Johnson - Cum Laude
Benjamin William Johnson - Cum Laude
John Brian Juckette
Martin Ernest Kamensky
Jeffery D Kitzman - Cum Laude
Michael Toomas Kivisalu - Magna Cum Laude
Adam Jeffrey Lawniczak
Pooy Yee Lee
Jason Khai Wai Leong
Daniel Joseph Maher
Christopher Jason Maksym
Daniel Joseph Mayo
Samuel John Miller - Summa Cum Laude
Matthew D Mittag - Magna Cum Laude
Gregory Raymond Nagel
Matthew Thomas Nelson - Magna Cum Laude
Seth R Parker - Cum Laude
Jason Michael Podleski
Joshua J Pryor
Brekke Elizabeth Quade
Michael James Rang
Patrick Lee Rinckey
Catherine Leigh Rogers
Bryce A Roskamp - Cum Laude
Stefanus Karel Rumawas
Douglas Houghton Sage - Cum Laude
Christopher Mark Sebastian - Cum Laude
Philip Hans Sorensen
Jessica Ann Strickland - Cum Laude
Justin Lee Stuckmann
Chase Philip Sturos - Cum Laude
Joshua John Swathell
Soon Siong Tan
Nicholas B Tarzwell
Adam Francis Tittman - Magna Cum Laude
David Bryan Voshol - Summa Cum Laude
Steven Gregory Watkins - Summa Cum Laude
Tyler Zackary Wenzel
Benjamin Edward Westrope
Timothy John Woelfel

Bachelor of Science in Materials Science and Engineering
Jennifer Lynn Erle
Erin Leigh Gancer - Cum Laude
Adam L Thielsen

Bachelor of Science in Applied Ecology and Environmental Sciences
Molly Egan Cypher
Max A Henschell - Cum Laude
Brian Curtis Hunter
James Loren Klapperich
Wade M Mapes
Blair Anthony Tweedale

Bachelor of Science in Forestry
Robert James William Benson
Benjamin Jon Borgic
John Jacob Codere - Magna Cum Laude
Staci Lee Cousineau
Marcia Marie Lang
Christopher C Schmiege
Matthew F Tormohlen

Bachelor of Science in Bioinformatics
Jennifer Lee Chiantello - Summa Cum Laude
Gunjan Dhanraj Hariani - Summa Cum Laude
Marie Renee Wilkening - Summa Cum Laude

Bachelor of Science in Biological Sciences
Jessey Lee Erath
Stephanie L Gleason
Aaron Scott Hemme
Tanya Louise Johnson
Mitchell J Krafft
Angeline Louise Migda
Evan Chandler Milton - Cum Laude
Margaret Ann Minahan
Angela Jean Nelson
Shradha A Patil
Eva Katherine Szyszkoski
Hwee Chi Tay - Summa Cum Laude

Bachelor of Science in Clinical Laboratory Science
Tera Sue Demers
Andrew James Fountaine
Catherine M Herrmann - Summa Cum Laude

Bachelor of Science in Computer Science
Thomas W Blamer - Magna Cum Laude
Chris D Brachmann
Andreas G Lundberg - Cum Laude
Marcus E Lundberg - Magna Cum Laude
Anthony D Nielsen - Magna Cum Laude
Aaron James Nowicki
Ryan Cody VanDenHeuvel - Cum Laude
Sebastian Choon Huan Wong
Jared James Yach

Bachelor of Science in Computer Systems Science
Ming Li
Matthew Richard Nelson

Bachelor of Science in Mathematics
Timothy Aaron Lange - Magna Cum Laude
Jeremiah James Luoma
Sara Jane Pray
Alexander J Schaefer
Peter S Young - Magna Cum Laude
Bachelor of Science in Psychology
    Richard Theiler Holmstrom - Magna Cum Laude

Bachelor of Science in Software Engineering
    Matthew Calvin Harper - Summa Cum Laude

Bachelor of Science in Social Sciences
    Matthew S Griffith
    Abbi Suzanne Halkola
    Stephen Peter Lishinski
    Courtney Ann Reynolds
    Kurt Allen Troutman
    Peter Jan VanderHagen
    Theodore David Yonke

Bachelor of Science in Scientific and Technical Communication
    Laura Jean Michaels - Cum Laude
    Nicholas John Rosencrans
    Tammy Renee Worachek - Cum Laude

Bachelor of Science in Construction Management
    Dan Alexander Framarin
    Michael Owen Henrickson
    Paul Matthew Moiryila
    Eric John Pietila

Bachelor of Science in Computer Network and System Administration
    Travis Elliott Kemp
    Luke Joseph Militello
    Teren M Sapp

Bachelor of Science in Electrical Engineering Technology
    Saoud F Al Zoabi
    Michael J Carroll
    Brandon Robert DeGuire
    Eric J Greenwald
    Lewis Maitland Harrison
    Nicholas E Nida
    Kevin J Reese
    Jessica Leigh Tracey - Cum Laude
    Christopher Witry
    Dawn Darlene Young

Bachelor of Science in Surveying
    Travis Lars Horrocks
    Alec Jamison Mansfield
Bachelor of Science in Mechanical Engineering Technology
  Todd Louis Brand
  Alexander N Chepeska
  Bradley Mark Croasdale
  Brent J Esch
  Tyler Patrick Horton - Cum Laude
  Kyle Thomas Klumpp
  James Arthur Miller
  Ryan Patrick Naimola
  Owen Eugene Scully
  Derek Robert Sikorski
  Ted Peter Sturos
  Mitchell H Terhune
  Kyle C Thocher
  Keith A Willcome
  Geoffrey Charles Zarzecki
  John Zaya

Bachelor of Science in Surveying Engineering
  Trevor James Demers - Cum Laude
  George S Koumoutsidis

Master of Business Administr. in Business Administration
  Brett Michael Jeltema
  John S Kestner
  Nader Reza Mazloom
  James Harry Whitmarsh

Master of Engineering in Engineering
  Cheng-Yen Liu
  Yu-Hsin Wang

Master of Forestry in Forestry
  Angela Marie Bealka

Master of Science in Business Administration
  Katie Lynn Granlund
  Thomas Opuni-Yeboah

Master of Science in Civil Engineering
  Christopher Barry LaForté
  Adam Scott Ward
  Nathaniel James Waybrant

Master of Science in Chemical Engineering
  Kimberly Anne Lewandowski
  Shu Chiang Yat
Master of Science in Electrical Engineering
   Anand Ambaradar
   Hardeep Singh Mehta
   Xiaoning Shan
   Katherine Mary Strojny

Master of Science in Environmental Engineering
   Ziad T Ahmed
   Matthew Denison Babcock
   Kristen Colleen Betz
   Brock Adam Emerson
   Josephine Teresa Kaiser
   Paul Michael Kennedy
   Eric James Tawney
   Aaron Scott Tice

Master of Science in Geology
   Cecilia Pearl Anderson
   Christine Marie Williams

Master of Science in Geophysics
   Baron Walter Colbert
   Sean Patrick Trisch

Master of Science in Mechanical Engineering
   Zaryab Ahmad
   Kangana Bhushan
   Kelly James Brantley
   Sukumar Chella
   Hector Omar Delgadillo Rocha
   Scott Michael Hemstreet
   Philip A Hittepole
   Ashish Suresh Jangale
   Abhay Madhav Kulkarni
   Xiaoxia Lai
   Abhishek Nandkishor Mantri
   Rajiv Bangalore Nanjundareddy
   Subhro Samarendra Nathak
   Sumeet Prakash Oswal
   Michael Anthony Pyrosz
   Nikhil Sanyal
   Sheng Han Tseng
   Drew Michael Vettel

Master of Science in Materials Science and Engineering
   Ajay Garg
   David B Jaroch
Yayong Liu
Kaikun Yang

Master of Science in Forest Ecology and Management
  Jason D McClure
  Charles E Zinsmaster

Master of Science in Forestry
  Jason Andrew Anderson
  Francisca Elena Paulete

Master of Science in Forest Molecular Genetics and Biotechnology
  Siau Sie Voo

Master of Science in Applied Science Education
  Deborah Anne Sage
  Angela Rae Teubert

Master of Science in Biological Sciences
  James Sheau Yang Wee
  Daryll Kalab Yarger

Master of Science in Computer Science
  Mingsong Bi
  Shuhan Ding
  Lihui Hu
  Jonathan David Poisson
  Lei Song
  Alicia Avelon Thorsen
  Ying Xiong

Master of Science in Mathematical Sciences
  Daniel Vassilev Yorgov

Master of Science in Physics
  Himanshu Kumar Verma
  Yanjie Wei

Master of Science in Rhetoric and Technical Communication
  Molly Christine Hayenga

Master of Science in Environmental Policy
  Heidi Erika Steudle

Master of Science in Industrial Archaeology
  Timothy Arron Kotlensky
  Chris W Merritt
Doctor of Philosophy in Chemical Engineering
    Abraham Rogelio Martin Garcia
    Michael Geoffrey Miller

Doctor of Philosophy in Electrical Engineering
    Lee Michael Paulsen
    Jun Shao
    Yanchai Zhang

Doctor of Philosophy in Geological Engineering
    Deborah Nicole Huntzinger

Doctor of Philosophy in Engineering - Environmental
    Domenico Antonio Bau

Doctor of Philosophy in Engineering - Computational Science and Engineering
    Seshasai T Srinivasan

Doctor of Philosophy in Forest Molecular Genetics and Biotechnology
    Rajinikanth Mohan

Doctor of Philosophy in Mechanical Engineering - Engineering Mechanics
    Samved Bhatnagar
    Yong Kyu Hong
    Vishesh Kumar
    Jaihind Reddy Maddi
    Sharizal Shaik Ahmedullah
    Foo Chern Ting
    Egel Urip
    Jiang Zheng

Doctor of Philosophy in Biological Sciences
    Melba Duhiag Apoya
    Brent James Bellinger

Doctor of Philosophy in Chemistry
    Natcharee Kongprakaiwoot
    Shilpa Chandrakant Mhadgut
    Yu Tang

Doctor of Philosophy in Computer Science
    Changpeng Fang
    Zhang Zhang

Doctor of Philosophy in Mathematical Sciences
    Adeeb Gasim Talafha
    Hao Wang
IV-B-1. Finance and Audit Committee Report

Mr. Kershner reported that yesterday afternoon two members of the Finance and Audit Committee met, and heard from both Dan Greenlee representing the Finance responsibilities and from Amy Hughes representing the audit responsibilities.

Finance

Dan Greenlee previewed for the Committee the financial statements with the following highlights:

- Tuition and fee revenue although up substantially over last year, is expected to be lower than budgeted for, due to student mix and credit hours taken. The amount by which we are under budget on tuition and fees is equivalent to ¼ of one credit hour per student. It is very difficult to project what tuition revenue is going to be for the year.
- State Appropriations will be $178K ahead of budget, as long as no new reductions in appropriations are approved by the legislature (this summer).
- Research revenues are expected to outpace last year by 34%, with the overhead return to the General Fund also running ahead of last year by 53%.
- Salary & Wages are a little bit ahead of budget and frankly I should say this, if it weren’t for the research revenue we would be in a little bit of a hole this year. Tuition and fees are down compared to budget, and a couple of expense lines are up compared to budget including utilities. We might have been in a little bit of a tough spot, but we are being bailed out by research.

Audit

Amy Hughes was shorthanded for part of the year and we are behind on the planned internal audit activity for this year due to no fault of Amy’s. She is now back up to full staff and in somewhat of a training mode. The Committee questioned her at length about whether she was up to the staff that an institution like this ought to have and the answer was “well yes, considering that I’m competing with other resources”. Amy will be going to Texas shortly to participate in a peer review of the internal audit function and we have encouraged her to have a similar peer review here at Michigan Tech during the next year if at all possible, as we would like to benchmark ourselves in that way.

The Committee picked up some items from past meetings including the adequacy of the university’s policies for competitive bidding particularly on construction projects. Amy has observed that process in action, but Mr. Brule, in particular with a significant amount of experience in the industry, suggested that she go back and probe a little bit more deeply with a couple of things in mind and come back with a recommendation on how that policy could be improved. The Committee hopes to be able to report on that at the next meeting.
Amy also reviewed the senior officer’s expenses and has no particular remarks or concerns about what she saw. The Committee saw the summary numbers and it didn’t seem that there was anything out of the ordinary.

Finally, at a prior meeting the Committee asked for consideration by Amy of the possibility of installing a contract based third party, neutral, anomous whistleblower service at the university. This is where a person with concerns about anything in particular would be able to make them known in some anonymous way that would insulate them from repercussions or criticisms. Amy reviewed some of the commercial services available and found one which sounds like it had all the characteristics that were desirable, and it only cost about $5,000 a year. So, with the full Finance and Audit Committee meeting in session this morning we would like to register our approval of the adoption of a program like that and recommend it to the full Board.

Mr. Brule added that the Committee did receive a preliminary run through on a budget for the upcoming year and that it was obviously in a state of flux at the moment depending on a number of things. What the Committee saw, and agreed on, was that we are well ahead of where we use to be in terms of our preparation. Mr. Brule congratulated Deb Lassila on how organized and understanding she is of the numbers.

Mr. Kershner did not feel that the Board needed to make a formal recommendation for Internal Audit securing a whistleblowers service, but wanted the Board to informally encourage Internal Audit to do that.

**IV-B-2. Approval of External Auditor**

It was moved by R. Gronevelt, supported by M. Richardson, 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, 2007:

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.

IV-B-3. Gifts

It was moved by D. Brule, supported by R. Kershner, 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, 2006 through March 31, 2007

Compared to Prior Year

<table>
<thead>
<tr>
<th>Gift Type</th>
<th>FY07 YTD Total</th>
<th>FY06 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>7,048,666</td>
<td>5,340,963</td>
<td>1,707,703</td>
<td>32.0%</td>
</tr>
<tr>
<td>Realized Planned Gifts (current year)</td>
<td>145,744</td>
<td>870,942</td>
<td>-725,198</td>
<td>-83.8%</td>
</tr>
<tr>
<td><strong>Current Year Subtotal</strong></td>
<td>7,194,410</td>
<td>6,218,905</td>
<td>955,505</td>
<td>15.3%</td>
</tr>
<tr>
<td>Cash (receipts from prior year pledges)</td>
<td>3,693,347</td>
<td>725,387</td>
<td>2,967,960</td>
<td>409.2%</td>
</tr>
<tr>
<td>Realized Planned Gifts (previously recorded)</td>
<td>2,464,763</td>
<td>16,450</td>
<td>2,448,313</td>
<td>15,004.5%</td>
</tr>
<tr>
<td><strong>Receipts from Previous Year Subtotal</strong></td>
<td>6,158,110</td>
<td>741,837</td>
<td>5,416,273</td>
<td>732.8%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>13,352,521</td>
<td>6,960,743</td>
<td>6,391,778</td>
<td>91.6%</td>
</tr>
</tbody>
</table>

---

**MICHIGAN TECH FUND**

*Fundraising Productivity Report*

July 1, 2006 through March 31, 2007

Compared to Prior Year

<table>
<thead>
<tr>
<th>Source</th>
<th>Goal</th>
<th>FY07 YTD Total</th>
<th>% YTD</th>
<th>FY06 YTD Total</th>
<th>% YTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individuals - Major Gifts (25K and up)</td>
<td>17,000,000</td>
<td>3,368,399</td>
<td>20%</td>
<td>3,485,987</td>
<td>20%</td>
</tr>
<tr>
<td>Realized Planned Gifts (Unanticipated - 25K and up)</td>
<td>145,744</td>
<td>870,942</td>
<td>69%</td>
<td>1,119,130</td>
<td>69%</td>
</tr>
<tr>
<td>Individuals - non-Major Gifts</td>
<td>1,550,500</td>
<td>1,037,021</td>
<td>66%</td>
<td>1,119,130</td>
<td>66%</td>
</tr>
<tr>
<td>Full Value New Planned Gift Commitments</td>
<td>4,500,000</td>
<td>16,010,896</td>
<td>356%</td>
<td>8,192,984</td>
<td>356%</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>1,500,000</td>
<td>1,214,659</td>
<td>79%</td>
<td>1,012,017</td>
<td>79%</td>
</tr>
<tr>
<td>Corporations &amp; Foundations</td>
<td>4,700,000</td>
<td>1,785,064</td>
<td>38%</td>
<td>3,141,122</td>
<td>38%</td>
</tr>
<tr>
<td>Other Organizations</td>
<td>50,000</td>
<td>125,140</td>
<td>250%</td>
<td>104,503</td>
<td>250%</td>
</tr>
<tr>
<td>Gifts-in-Kind</td>
<td>720,000</td>
<td>2,565,401</td>
<td>287%</td>
<td>539,141</td>
<td>287%</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>30,000,000</td>
<td>25,793,339</td>
<td>86%</td>
<td>18,388,126</td>
<td>86%</td>
</tr>
</tbody>
</table>

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- Except for the Annual Fund, all bills 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-B-4. Approval of Furniture Purchase for McNair Hall

It was moved by D. Brule, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control approves the purchase of new residence hall room furniture for McNair Hall at a cost of $644,297.

IV-C-1. Michigan Tech Fund Report

Mr. George Butvilas, Chairman of the Michigan Tech Fund Board of Directors, reported that the Michigan Tech Fund Board of Directors and Managing Directors met on January 29 and 30 in Chicago.

The primary highlights of that meeting were:
- Hired a new chief financial officer, Dan Greenlee;
- Received a report from the Chair of the Investment and Finance Committee which was very extensive in terms of what they are doing and how they are in fact investing the money of the Tech Fund;
- Received a fund raising status report for the year which led to the discussion of campaign preparation, which also revolved around staffing requirements needed for the campaign.
- Discussed, recommend to the Board of Control, and passed some recommendations concerning the goal and the timetable as well as the campaign counting. How we will count the gifts in the campaign and we went over the campaign financing, which contrary to previous analysis would indicate that there is no substantial money that would have to come out of the university to conduct a campaign.
- At the request of the donors, we released the endowment restrictions originally put on the Robbins and Chamberlain donations that have manifested themselves in more current money that will have a greater impact on the university.
- Approved having our meeting in Ann Arbor on May 17 and 18, 2007.

Mr. Brule added that it seems to him that we are moving in a very positive direction with regard to the Tech Fund. Obviously, we are gearing up for the campaign and there seems to be staff in place and a lot of energy and interest in pushing our goals forward.

Mr. Butvilas provided the Board with the following presentation:
Michigan Tech Fund Update

to the

Board of Control

Michigan Tech Fund
Endowment Market Value By Fiscal Year

Michigan Tech Fund
Total Assets by Fiscal Year
Goals Summary Chart

<table>
<thead>
<tr>
<th></th>
<th>Goals 07</th>
<th>FYTD 07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Individual Gifts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major</td>
<td>$17.00M</td>
<td>$3.54M</td>
</tr>
<tr>
<td>Non-Major</td>
<td>$1.5M</td>
<td>$1.04M</td>
</tr>
<tr>
<td>Planned Giving</td>
<td>$4.5M</td>
<td>$16.01M</td>
</tr>
<tr>
<td>Annual Fund</td>
<td>$1.53M</td>
<td>$1.21M</td>
</tr>
<tr>
<td>Corporate &amp; Foundation</td>
<td>$4.73M</td>
<td>$1.92M</td>
</tr>
<tr>
<td>Gifts-In-Kind</td>
<td>$0.72M</td>
<td>$2.07M</td>
</tr>
<tr>
<td>Total FY 2007 Goal</td>
<td>$30.00M</td>
<td>$25.79M</td>
</tr>
</tbody>
</table>

Michigan Tech Fund Personnel Changes

- Dan Greenlee – CFO & Director of Operations
- Suzanne Morin – Director of Finance
- Gail Mroz – Director of Donor Stewardship and Development Events
Ann Arbor Meeting

- Focus will be discussion of trustee’s role in campaign

IV-C-2. Capital Campaign

It was moved by D. Brule, supported by R. Reck, and passed by voice vote without dissent, that the University Administration be directed to initiate and conduct a Capital Campaign in support of the strategic plan, with a duration of six years (July 1, 2006 through June 30, 2012) and a final public goal to be established following the campaign’s “quiet phase” seeking the largest lead contributions.

IV-C-3. AGB National Conference on Trusteeship Report

Ms. Marty Richardson provided the Board with the following report.

In March, it was my pleasure to represent our Board of Control at the Association of Governing Boards annual conference. This conference draws hundreds of board members representing public and private universities from across North America.

The full conference had many important sessions, which addressed such issues as:
- Getting the most out of board committee structures
- Board accountability, transparency and Sarbanes-Oxley
- Global challenges to our education and workforce training systems
- Sustainability as a core principle on campus
- University access and success

Many important papers and materials were shared at the conference. Since we will have some new board members joining us in 2007, I will pass on this information to Chair Clark for our use with new, and current, board members.
This conference, which some of my fellow Board members have attended in the past, is very helpful for our Board in focusing our attention on the important and not just the urgent. I encourage all my fellow Board members to attend in 2008.

IV-C-4. Appointment of Nominating Committee

It was moved by R. Kershner, supported by R. Gronvelt, and passed by voice vote without dissent, that the Board of Control appoints a Nominating Committee comprised of R. Reck, Chair; D. Brule, and M. Richardson, to begin the process to elect officers for the 2007-2008 fiscal year.

IV-C-5. Honorary Degrees

The Administration is recommending that Dr. Josephine Olsen be awarded an Honorary Doctorate in Sustainable International Development and Dr. Pedro Ortega Romero be awarded an Honorary Doctorate in Engineering.

Dr. Josephine Olsen

Dr. Josephine “Jody” Olsen was nominated by President George W. Bush and confirmed by the United States Senate in 2002 to serve as the Deputy Director of the Peace Corps. Dr. Olsen’s distinguished career at the Peace Corps began in the agency’s earliest years, when she served as a Volunteer in Tunisia from 1966 to 1968, teaching English and developing community health programs. In 1979, she was Country Director for the Peace Corp’s mission in Togo. During her tenure, she managed all aspects of the agency’s programs in-country, which focused on education, health and agriculture.

In 1981, Dr. Olsen served as Regional Director for the Peace Corps, managing operations in 17 countries throughout North Africa, Near East, Asia and the Pacific. From 1989 to 1992, she was the Chief of Staff for the Peace Corps. During this time, the agency expanded into 25 new countries. Prior to becoming Deputy Director, Dr. Olsen was the Senior Vice President at the Academy for Educational Development, a large international development organization. From 1992 to 1997, she served as Executive Director for the Council for International Exchange of Scholars, the organization responsible for managing the Fulbright Senior Scholar Program.

Dr. Olsen holds a Bachelor’s in Sociology with a teaching certification from the University of Utah; a Master’s degree in Social Work from the University of Maryland; and a Ph.D. from the University of Maryland’s College of Education.

It was moved by R. Reck, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control approves the awarding of an Honorary Doctorate in Sustainable International Development to Dr. Josephine Olsen.
Dr. Pedro Ortega Romero

Dr. Pedro Ortega Romero is the President of the University of Sonora in Hermosillo, Sonora, Mexico. Michigan Tech has had a fifteen-year relationship with the University of Sonora which has involved the exchange of almost 60 students and more than 20 faculty, the awarding of nearly $1 million in external funding, and several major research and educational initiatives. Throughout this period, Dr. Ortega has been a tireless promoter of our unique relationship, including contributing significant resources from the University of Sonora.

Dr. Ortega has served as Research and Graduate Programs Director, Provost and President of the University of Sonora. Today, largely through Dr. Ortega's initiatives, the University of Sonora is rated as one of the top public universities in Mexico for undergraduate programs and for research and graduate studies. Last year, the University of Sonora was awarded the First National Ranking for Excellence in Academic Development and Institutional Effectiveness by the Mexican National Association of Universities and Institutions of Higher Education Superior.

Dr. Ortega holds a Bachelor of Chemistry from the Universidad de Sonora, a Master of Science and a Ph.D. in Marine Sciences from the Institute of Marine Sciences and Limnology at the National Autonomous University of Mexico.

It was moved by R. Reck, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control approves the awarding on an Honorary Doctorate of Engineering to Dr. Pedro Ortega Romero.

IV-C-6. Melvin Calvin Medal of Distinction

The Melvin Calvin Medal of Distinction is the highest honor bestowed upon individuals who have exhibited truly distinguished professional and personal accomplishments and who have been associated with the University. The Administration is recommending Dr. David Edwards for the prestigious Melvin Calvin Medal of Distinction.

Dr. Edwards obtained his Bachelor of Science degree at Michigan Tech in Chemical Engineering in 1983, and his Ph.D. from Illinois Institute of Technology Chicago in 1987. Dr. Edwards is currently the Gordon McKay Professor of the Practice of Biomedical Engineering at Harvard University. He has worked at MIT and Technion with Professors Howard Brenner and Robert Langer in the field of drug delivery. This work resulted in over 100 papers and worldwide recognition as one of the world's top young scientists in Biomedical and Pharmaceutical Engineering. Dr. Edwards has used his research to develop novel techniques for drug delivery via inhalation therapy, including a new inhalable form of insulin, antibiotics for the treatment of tuberculosis, and needleless delivery of vaccines. In recognition of this work, in 2001 Dr. Edwards became the youngest person ever elected to the National Academy of Engineering.

Dr. Edwards is also an extraordinary entrepreneur. He started Aerosol Inhalation Research, Inc., in 1997, which has subsequently been acquired by Aklermes, Inc. Recently, he has
founded another company, Pulmatrix, focusing on new inhalation therapies for the treatment of disease. Dr. Edwards and his wife are also founders of the Cloud Foundation which sponsors art programs for youth in Boston and Paris. His accomplishments of the past two decades in biomedical research, addressing global health problems, and his philanthropic work make him an ideal recipient of the Melvin Calvin Award.

It was moved by R. Gronevelt, supported by R. Kershner, and passed by voice vote without dissent, that the Board of Control award the Melvin Calvin Medal of Distinction to Dr. David Edwards.

IV-C-7. Resignations, Retirements and Off Payroll

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

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<td><strong>IV-C-8. 20.3. ORDINANCE NO. 3 – CONTROL OF PETS</strong></td>
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It was moved by R. Kershner, supported by M. Richardson, and passed by voice vote without dissent, that the Board of Control amends 20.3. Ordinance No. 3 – Control of Pets as presented herein.

The amended policy shall read as follows:
20.3. ORDINANCE NO. 3 – CONTROL OF PETS

A REGULATION TO PROHIBIT THE BRINGING OR KEEPING OF ANIMALS INCLUDING DOGS, CATS, BIRDS, RATS, MICE, MONKEYS, GERBILS, AND RABBITS ON UNIVERSITY PROPERTY

No person shall bring, keep or possess any animal, including but not limited to, dog, cat, bird, rat, mouse, monkey, gerbil, reptile, or rabbit, on any property owned, possessed, held or controlled by the Michigan Technological University Board of Control in Houghton County except:

1. Guide, Leader, Hearing or Service Dogs or Service Animals certified by an accredited school or State approved trainer, when used by a qualified individual with a disability, in compliance with State or Federal law;

2. Animals owned, or possessed and maintained by Michigan Technological University for educational or research purposes; or

3. Specific exceptions authorized by the Provost and Vice President for Academic Affairs.

This Ordinance shall become effective on its publication in The Daily Mining Gazette, Houghton, Michigan. Copies of the said Ordinance shall be made available at the office of the Public Safety Department and at the office of the Secretary of the Board of Control of Michigan Technological University.

V. REPORTS

A. Undergraduate Student Government Report – Mr. Robert Niffenegger, President
   A copy of Mr. Niffenegger’s report was included in the agenda book.

B. Graduate Student Council – Mr. David Tobias, President
   A copy of Mr. Tobias’ report is on file in the Board Office.

C. University Senate Report – Dr. Martha Sloan, President
   A copy of Dr. Sloan’s report is on file in the Board Office.

D. Student Affairs – Dr. Les Cook, Vice President for Student Affairs
   A copy of Dr. Cook’s report is on file in the Board Office.

E. Research and Sponsored Programs Report – Dr. Dave Reed, Vice President for Research
   A copy of Dr. Reed’s report is on file in the Board Office.

F. Advancement Report – Mr. Shea McGrew, Vice President for Advancement
   A copy of Mr. McGrew’s report is on file in the Board Office.
G. Financial Report – Mr. Dan Greenlee, Treasurer and CFO
   A copy of Mr. Greenlee’s report is on file in the Board Office.

VI. INFORMATIONAL ITEMS

   A. Analysis of Investments
   B. Auxiliary Enterprises Operations
   C. Contracts and Grants
   D. Board of Control Follow-up Items
   E. Disposal of Surplus Property

VII. OTHER BUSINESS

   There was no other business at this time.

VIII. PUBLIC COMMENTS

   There were no public comments at this time.

IX. CLOSED SESSION

   It was moved by D. Brule, supported by R. Kershner, and passed by voice vote without
dissent, that the Board of Control proceeds into closed session to discuss collective
bargaining, presidential performance evaluation and real property transactions. (A closed
session for such purposes are provided for in Sections 8 (a), (c) and (d) of P.A. 267 of
1976). (A roll call vote is required).

   Roll Call Vote:
   Richardson – Yes Gronevelt - Yes
   Reck – Yes Brule – Yes
   Kershner – Yes Clark - Yes

   The motion passed.

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

Presidential Performance Review

   The Board of Control has concluded its annual evaluation of President Mroz’s
performance. We are pleased with his strong leadership in guiding Michigan Tech
through uncertain times, and we are appreciative of his many strengths, his hard work and
his positive attitude. We feel he is well suited to move Michigan Tech into the future.
Michigan Tech now enters a new period with greater financial stability, an ambitious
strategic plan and a bright future. We look to Glenn to bring us together behind the plan and reach the higher levels of achievement that all of us know are possible for this great university. His special skills in fundraising and outreach, academic leadership, financial management, and government relations fit well with the opportunities Michigan Tech has for becoming a world class university.

Advisory Committee to the President

It was moved by R. Gronevelt, supported by M. Richardson, and passed by voice vote that the Board reaffirms the role of the Advisory Committee to the President to consult and advise with the President on issues dealing with tenure and tenured track faculty union negotiations. Further that the members of this Committee shall be D. Brule, R. Kershner, K. Clark, and R. Gronevelt, who will serve as Chair.

X. ADJOURNMENT

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

Secretary of the Board of Control

Chair, Board of Control