MINUTES OF THE MEETING OF THE MICHIGAN STATE UNIVERSITY BOARD OF TRUSTEES

January 27, 2012

President Simon called the meeting of the Board of Trustees to order at 9:25 a.m. in the Board Room.

Trustees present: Brian Breslin, Dianne Byrum, Joel Ferguson, Melanie Foster, Mitch Lyons, Faylene Owen, George Perles, and Diann Woodard (via phone).

University officers present: President Simon, Provost Wilcox, Vice President Poston, Secretary Beekman, Vice President and General Counsel Noto, Vice Presidents Burnham, Gray, and Groves, Interim Vice Presidents Maybank and Swain, and Senior Advisor and Director Granberry Russell. Faculty liaisons present: William Anderson, Sue Carter, John Foss, Laura McCabe, and Mary Noel. Student liaisons present: Stefan Fletcher, Steve Marino, Brieanne Mirja, and Sarah Pomeroy.

All actions taken were by unanimous vote of the Trustees present, unless otherwise noted.

- 1. On a motion by Trustee Owen, supported by Trustee Foster, the **BOARD VOTED to approve** the agenda.
- 2. On a motion by Trustee Foster, supported by Trustee Owen, the **BOARD VOTED to approve** the minutes of the Board meeting of December 9, 2011.
- 3. President's Report

President Simon provided the following report to the Board.

A. Housing and Residential Life Award

MSU has been selected to receive the Outstanding Innovation in Housing and Residential Life Award from the American College Personnel Association (ACPA). Representatives from MSU will travel to Louisville, Kentucky in March to accept the award.

B. Commitment to Support Veterans

The Colleges of Human Medicine and Osteopathic Medicine have joined medical schools nationwide in a commitment to increased

research and training to address mental health difficulties of our nation's veterans. The effort comes as a result of First Lady Michelle Obama's Joining Forces campaign, which focuses on assistance for veterans and their families.

C. Martin Luther King, Jr. Celebration

President Simon asked Director Granberry Russell to discuss the Martin Luther King, Jr. Day activities on campus.

Director Granberry Russell said that MSU held its 22nd annual celebration of the life and legacy of Dr. Martin Luther King. She said that she was appreciative of the planning committee for providing a weekend of activities, including a student leadership conference, jazz concerts, commemorative march, and community dinner.

D. Racecar Designs

The MSU Formula Racing Team's designs were on display for the fifth consecutive year at the North American International Auto Show in Detroit. The two cars, built for past competitions, were designed, manufactured, tested, and raced by a team composed predominantly of undergraduate students. The team will compete against 120 other schools at the Michigan International Speedway in May. President Simon congratulated the team for this exciting honor.

E. Bioenergy Rank

MSU AgBioResearch Professor Bruce Dale was ranked 27th on BioFuels Digest's 'Top 100 People in Bioenergy' list as a result of his innovative work in cellulosic ethanol. Currently, Professor Dale is using a \$4.3 million grant from the U.S. Department of Energy to research methods for turning agricultural waste and nonfood plants into material for biofuels and chemicals.

F. Tom Izzo

President Simon acknowledged men's Head Basketball Coach Tom Izzo's 400th victory. She stated that it was wonderful to hear him referred to as a Spartan for life.

G. Energy Transition Plan

The report of the Energy Transition Committee has been given to the campus community so that input can be provided before formal action is recommended in April. President Simon said that she expected many ideas to be proposed across campus. Each can be tested in the analytical model that has been developed so that its implications can be fully understood in terms of cost to students and impact on the environment.

- 4. There was no public participation on issues germane to the agenda.
- 5. Personnel Actions

Provost Wilcox presented the following personnel action:

Caldwell, Robert A., AN—Professor, Department of Psychology, to add the title University Ombudsperson, Office of the Ombudsperson, effective January 1, 2012.

Trustee Owen **moved to approve** the recommendation, with support from Trustee Breslin.

Professor Caldwell has been at MSU since 1982 and has served as Associate Chair and Director of Graduate Programs in the Department of Psychology.

THE BOARD VOTED to approve the recommendation.

President Simon presented the following personnel action:

Dantonio, Mark J., AN—Head Coach—Football, Intercollegiate Athletics, Subject to Contract, effective January 15, 2016 to January 14, 2017.

Trustee Ferguson **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

6. Gifts, Grants, and Contracts

Vice President Gray introduced Dr. Evangelyn Alocilja, Professor, Department of Biosystems and Agricultural Engineering. Dr. Alocilja made a presentation to the Board on Nano-Biosensors. (Appendix A)

7. Finance Committee

Trustee Breslin presented the Trustee Finance Committee Report and recommendations.

A. Fund Functioning as an Endowment—Visiting International Professional Program

It was recommended that the Board of Trustees establish a fund functioning as an endowment entitled Visiting International Professional Program.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendation.

B. Fund Functioning as an Endowment—Robert L. Gustafson, Carol Christine Gustafson, and Mary M. Gustafson Scholarship

It was recommended that the Board of Trustees establish a fund functioning as an endowment entitled Robert L. Gustafson, Carol Christine Gustafson, and Mary M. Gustafson Scholarship.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendation.

C. New Investment Manager—Prince Street Capital Management LLC

It was recommended that the Board of Trustees select Prince Street Capital Management LLC as an investment manager.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

D. Purchase of Grand Rapids Property—Planned Expansion of College of Human Medicine

It was recommended that the Board of Trustees authorize the purchase of real property located at 155 Michigan St. NW, 432 Monroe St. NW, 533 Monroe St. NW, 544 Monroe St. NW, 601 Monroe St. NW, and 601 Ionia St. in the City of Grand Rapids, Michigan for \$12,000,000 and upon such other terms and conditions as may be acceptable to the Vice President for Finance and Operations and Treasurer.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Ferguson.

THE BOARD VOTED to approve the recommendation.

E. Authorization to Plan—MSU College of Law—North Entrance Site Improvements (footprint change)

It was recommended that the Board of Trustees authorize the Administration to plan for modifications that may result in a material change to the campus footprint for the project entitled MSU College of Law—North Entrance Site Improvements.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Ferguson.

THE BOARD VOTED to approve the recommendation.

F. Authorization to Plan—Administration Building—Waterproof North Entrance

It was recommended that the Board of Trustees authorize the Administration to plan for the project entitled Administration Building—Waterproof North Entrance.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendation.

G. Authorization to Plan—Reconstruct Bogue Street and Shaw Lane Intersection (including partial closure of Bogue Street)

It was recommended that the Board of Trustees authorize the Administration to plan for the project entitled Reconstruct Bogue Street and Shaw Lane Intersection (including partial closure of Bogue Street).

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

H. Authorization to Plan—Wilson Road Extension

It was recommended that the Board of Trustees authorize the Administration to plan for the project entitled Wilson Road Extension.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

I. Project Approval—Authorization to Proceed—McDonel Hall—River Trail Neighborhood Engagement Center

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled McDonel Hall— River Trail Neighborhood Engagement Center, and to approve a budget of \$5,500,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

J. Project Approval—Authorization to Proceed—MSU Union— Renovations to First Floor Lobby

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled MSU Union— Renovations to First Floor Lobby, and to approve a budget of \$2,400,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

K. Project Approval—Authorization to Proceed—Music Building— Auditorium Renovations

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Music Building – Auditorium Renovations, and to approve a budget of \$3,343,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

L. Fund Functioning as an Endowment—College of Music Performance Space Enhancement, Maintenance, Replacement, and Repair Fund

It was recommended that the Board of Trustees establish a fund functioning as an endowment entitled College of Music Performance Space Enhancement, Maintenance, Replacement, and Repair Fund.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

M. Project Approval—Authorization to Proceed—Steam Distribution— West Circle Steam Loop and Eustace-Cole Hall to Mason Hall

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Steam Distribution—West Circle Steam Loop and Eustace Cole Hall to Mason Hall, and to approve a budget of \$21,500,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

N. Project Approval—Authorization to Proceed—Poultry Laying Hen Facility

It was recommended that the Board of Trustees authorize the administration to proceed with the project entitled Poultry Laying Hen Facility and that it approve a budget of \$1,475,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

O. Project Approval—Authorization to Proceed—Facility for Rare Isotope Beams—Phase I—Site Preparation and Excavation

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Facility for Rare Isotope Beams—Phase I—Site Preparation and Excavation, and to approve a budget of \$20,000,000. It was also recommended that the Board grant a variance to the University Zoning Ordinance to allow a 14-foot encroachment into the 40-foot Wilson Road setback for the proposed addition.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

P. Project Approval—Authorization to Proceed—Old Michigan State Police Post

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Old Michigan State Police Post—a Demolition, and to approve a budget of \$3,100,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

Q. Project Approval—Authorization to Proceed—Spartan Stadium— Replace Existing Scoreboards and Sound System

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Spartan Stadium—Replace Existing Scoreboards and Sound System, and to approve a budget of \$10,000,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Lyons.

R. Bid and Contract Award (budget reduction) Akers Hall—Elevator Replacement

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$1,037,000 to Nielsen Commercial Construction Company and that the budget be reduced from \$1,500,000 to \$1,400,000 for the project entitled Akers Hall—Elevator Replacement.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

S. Bid and Contract Award (budget reduction) Armstrong and Bryan Halls—Renovation

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$22,974,000 to the Christman Company and that the budget be reduced from \$32,000,000 to \$30,900,000 for the project entitled Armstrong and Bryan Halls—Renovation.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

T. Bid and Contract Award (budget reduction) Steam and Road Reconstruction—Chestnut Road and New Steam Tunnel to IM West Building

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$2,813,000 to Granger Construction Company and that the budget be reduced from \$4,600,000 to \$4,300,000 for the project entitled Steam and Road Reconstruction—Chestnut Road and New Steam Tunnel to IM West Building.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Ferguson.

8. Policy Committee

Trustee Byrum presented the Trustee Policy Committee Report and recommendations.

A. Revision to Bylaws for Academic Governance for Review by the MSU Board of Trustees

It was recommended that the Board of Trustees approve the revised Bylaws for Academic Governance, as attached, to reflect the reorganization of ASMSU to a single assembly. (Appendix B)

Trustee Byrum **moved to approve** the recommendation, with support from Trustee Breslin.

THE BOARD VOTED to approve the recommendation.

B. Authorization to Proceed with Interim Changes to the Anti-Discrimination Policy Hearing Procedures

It was recommended that the Board of Trustees authorize the President to implement interim measures to the hearing procedures governing student complaints that allege harassment in violation of the University's Anti-Discrimination Policy.

Trustee Byrum **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

Trustee Foster was not present for the vote.

C. Approval of Contract Terms

It was recommended that the Board of Trustees approve the execution of a research contract with *NamesforLife, LLC*, consistent with earlier public notice given at a Board meeting and with the "Research Contract Term Sheet" presented to the Board for inclusion in its minutes. (Appendix C)

It was recommended that the Board of Trustees approve the execution of a research contract with *Northern Technologies International Corporation* consistent with earlier public notice given at a Board meeting and with the "Research Contract Term Sheet" presented to the Board for inclusion in its minutes. (Appendix D)

It was recommended that the Board of Trustees approve the execution of a license agreement with *Retia Medical, LLC* (formerly *Hemodynamic Monitoring Solutions*) consistent with earlier notice given at a Board meeting and with the "License Agreement Term Sheet" presented to the Board for inclusion in its minutes. (Appendix E)

D. Notice of Intent to Negotiate a Contract with *Metna Co.*

Pursuant to State Law, the Chair of the Policy Committee gave public notice of the University's intent to negotiate contracts with *Metna Co.*, a Delaware corporation based in Lansing, Michigan.

Dr. Parviz Soroushian, a Professor in the Department of Civil and Environmental Engineering, and his family own or have options to buy an ownership interest of more than one percent of the company. Dr. Soroushian is also the President of *Metna Co*.

9. Audit Committee

Trustee Perles presented the Trustee Audit Committee Report.

Board policy requires annual appointment of external auditors to audit the University's financial statements and that auditors are appointed for no more than six consecutive audits, without the issuance of a request for proposals for the next cycle of annual audits.

Plante & Moran PLLC, has been the University's external auditors since January 2006 (beginning with the 2005-06 fiscal year) and has been reappointed for the past five years. Fiscal year 2010-11 would have been Plante & Moran's last audit before rebidding.

In February 2010, however, the Board reappointed Plante & Moran as the University's external auditors for fiscal year 2010-11. The Board also extended the appointment through fiscal year 2012-13. This extension provides continuity with the current audit team during the implementation of the University's new financial system. The new financial system went live in January 2011. The audit fees for the three years proposed by Plante & Moran were approved by the Board to provide minimal increases to cover inflation. The next formal request for auditor bids will occur in fall 2013 for the 2013-14 fiscal year.

The Audit Committee received a report on litigation and potential litigation from Vice President Noto and members of the Office of General Counsel.

Trustee Woodard exited the meeting.

10. Facilities and Infrastructure Report

Vice President Poston presented the Facilities and Infrastructure report.

The Facilities and Infrastructure report is prepared annually. The report is designed to inform the Trustees of the state of the campus infrastructure and buildings and of changes in construction projects. It includes the annual property report.

The full report can be viewed at: http://vpfo.msu.edu/reports/FacilitiesandInfrastructureReport2012.pdf

11. Trustees Comments

Trustee Ferguson noted that President Simon had lost the use of her voice due to illness, and he wished her a speedy recovery.

Trustee Owen asked Dr. Sue Carter, Faculty Liaison, to discuss the changes at WKAR.

Dr. Carter said that last summer WKAR came under the auspices of the College of Communication Arts and Sciences. This has presented many opportunities for students and faculty to have closer relationships with WKAR. Currently, ten courses allow students in the College to interact with WKAR through content development, production, and branding and advertising.

Trustee Breslin thanked Jennifer Battle and the entire committee for their work on the Energy Transition report.

Trustee Byrum thanked the committee for its work on the Energy Transition report.

Trustee Foster complimented the committee for the Energy Transition report and said she is looking forward to robust dialogue from the campus community on the report.

- 12. Public Participation on Issues Not Germane to the Agenda.
 - A. Disabled Veterans Assistance Program

Mr. Bryan Chapman, MSU Student, said that he wanted to discuss the Disabled Veterans Assistance Program (DVAP). Mr. Chapman, a veteran and Muskegon native, has benefited from the program since its inception in 2009. He shared his accomplishments through his community college and community outreach programs in Muskegon on his path to becoming a student at MSU. In his time at MSU, Mr. Chapman has met the President and the Athletic Director. He thanked the Board for its continued support of the DVAP program and the subsequent opportunities afforded him through the program.

B. Energy Transition Plan

Ms. Callie Bruley, MSU student, said that in addition to a resolution passed by ASMSU last spring demanding the cessation of coal as an energy source on campus, nearly 10,000 signatures have been collected from students that support MSU transitioning from coal to 100 percent renewable energy. Ms. Bruley said that using coal as an energy source is not only bad for the environment, but also for human health. Ms. Bruley said that a main concern is the health of students.

Ms. Talya Taylor, student representative from the Energy Transition steering committee, said she was grateful for the opportunity to represent such a large percentage of students at MSU. Ms. Taylor said that there is no example of a 100 percent transition to renewable energy sources in the Energy Transition Report.

Mr. Adam Liter, student representative from the Energy Transition steering committee, said there were flawed assumptions in the modeling tool for the steering committee. Mr. Liter said that the assumed growth rate of the University, the failure to take into consideration the types of biomass that would be fired in the power plant, and the lack of mature types of energy storage technologies are the three main flawed assumptions of the modeling tool.

Ms. Ashley Herzovi, President of the MSU Roosevelt Institute, said that organization has begun to draft its own Energy Transition plan due to its dissatisfaction with the conclusions of the Energy Transition report. Ms. Herzovi said that the goal of her organization's plan is to recommend what is best for student health and the University. 13. Request to Adjourn

On a motion by Trustee Ferguson, supported by Trustee Owen, **THE BOARD VOTED to adjourn** at 11:30 a.m.

Respectfully submitted,

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William R. Beekman Secretary of the Board of Trustees

RESEARCH PRESENTATION TO THE MSU BOARD OF TRUSTEES

JANUARY 27, 2012

EVANGELYN ALOCILJA

DEPARTMENT OF BIOSYSTEMS AND AGRICULTURAL ENGINEERING

Facilitated by the Office of the Vice President for Research and Graduate Studies



Newsflash	MICHIGAN STAT US TROUB VERY FOR
And Andrews Andrews Andrews Andrews	17 January 2012 BBC News Indian TB cases 'can't be cured' Tuberculosis which appears to be totally resistant to antibiotic treatment has been reported for the first time by Indian doctors. Concern over drug-resistant strains of TB is growing, with similar 'incurable' TB emerging in Italy and Iran. Doctors in Mumbai said 12 patients had a "totally drug resistant" form of the infection, and three have died. "" "It's going to take a massive effort and change in political will to get to grips with this - not just from the Indian government but from everyone else. This is a global problem, not just an Indian one."
Sputum microscopy, Mtb culture, tuberculin skin test and chest radiology 3 days to 6 weeks PCR – lab facility, expensive, 2-6 hrs ELISA – not sensitive, lab facility, 2-days	Successful treatment of TB starts with an effective diagnosis.
World Health Organization	Evangelyn C. Alocilja, PhD, Professor Department of Biosystems and Agricultural Engineering Nano-Dissenses Lab. 2















Attachment 1

MICHIGAN STATE

January 19, 2012

MEMORANDUM

TO:	Board of Trustees Policy Committee
FROM:	Kim A. Wilcox, Provost
SUBJECT:	Revision to Bylaws for Academic Governance for Review by the MSU Board of Trustees

Attached please find proposed changed to the Bylaws for Academic Governance related to the Associated Students of Michigan State University (ASMSU), and a resolution recommending support of those changes. Given the scheduling of our Board meetings and our desire to accommodate the students in their implementation timeline (by the end of the spring semester), these changes are being sent to you prior to their review by University Council. In anticipation of University's Council's endorsement at their January 24, 2012, meeting, we have included this item on your agenda so that you have adequate opportunity to review.

cc: Trustee Finance Committee President Simon Secretary Beekman Vice President Poston Vice President Noto



OFFICE OF THE PROVOST

Michigan State University 430 Administration Building East Lansing, MI 48824-1046

> 517-355-6550 Fax: 517-3559601 provost.msu.edu

MICHIGAN STATE

January 25, 2012

MEMORANDUM

- To: Board of Trustees Policy Committee
- From: President Lou Anna K. Simon W
- Re: Revision to Bylaws for Academic Governance for Review by the MSU Board of Trustees

RECOMMENDATION:

BE IT RESOLVED that the Trustee Policy Committee recommends to the Board of Trustees approval of the recommended revised Bylaws for Academic Governance (attached), as approved by University Council.



In accordance with those Bylaws (8.3.2.1), I have reviewed the changes, concur with the proposed revisions, and now request action by the Board of Trustees. I also request that the Board join me in commending the diligent and thoughtful work of the students and faculty who worked through these changes.

OFFICE OF THE PRESIDENT

450 Hannah Administration Building East Lansing, MI 48824-1046

> 517-355-6560 Fax: 517-355-4670

BACKGROUND

On January 24, 2012, University Council approved the recommended revisions to the Bylaws for Academic Governance (Attachment A). The revisions are in response to the reorganization of the Associated Students of Michigan State University (ASMSU), from a bicameral to a unicameral body.

For several decades, the ASMSU functioned with two bodies: the Academic Assembly and General Assembly. Each assembly had college-based representation, as well as representation from Major Governing Groups and CORES (racial/ethnic) and COPS (progressive) groups. The purpose of the General Assembly was generally to address student life issues, the purpose of Academic Assembly to address academic issues. In 2010 ASMSU voted to support a merger of the two assemblies based on the rationale that one body would decrease the institutional complexity of ASMSU, continue to allow students to directly elect their peers to the body with decision making authority, while increasing the accountability for officers/staff.

The proposed changes modify all references within the Bylaws for Academic Governance to reflect the single assembly of ASMSU.

c: Board of Trustees Finance Committee Kim Wilcox, Provost and Vice President for Academic Affairs Robert A. Noto, Vice President for Legal Affairs and General Counsel William Beekman, Secretary to the Board

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By-Law Amendments (showing proposed changes)

Possible language for the proposed amendments to the By-Laws which, would allow ASMSU to transition to this new structure, are provided below:

3.2.3.2. The voting members of the Academic Assembly and the Student Assembly of the ASMSU as determined by the constitution of ASMSU, shall serve on the University Council.

3.2.4.1. The Academic Assembly of ASMSU shall select a number of undergraduate student representatives to the University Council equal to one-third (1/3) of the total voting membership of the bodyUniversity Council. The number of representatives shall be rounded to the nearest integer. The overall selection shall ensure balanced collegiate representation. The Student Assembly of ASMSU shall select no more than three representatives to serve on the University Council.

3.2.7.5. The Faculty Senate, the Appointed Council, (3.2.1.1.2.) the Academic Assembly of ASMSU, or COGS may, by a majority vote of those present and voting, refer matters to the University Council. Such recommendations shall be placed on the agenda of the University Council by The Steering Committee.

3.2.8. Functions of the Academic Assembly of ASMSU

 3.2.8.1. The Academic Assembly of ASMSU shall consider and act upon all recommendations to University Council regarding student academic rights and responsibilities and judicial procedures; upon any proposed amendment to or revision of Academic Freedom for Students at
 Michigan State University prior to its consideration by University Council; upon all matters brought before it by the President, the Provost, or the Vice President for Student Affairs and Services; and upon all matters on which its constitution requires such action.

- 3.2.8.2. On any matter brought before the Academic Assembly of ASMSU the mode of participation shall be that which is specified on the matter in the ascription of functions to University-level Standing Committees (4.3.-4.9.).
 - 3.3.1.5. The President, the Provost, one elected member from the Academic Assembly of ASMSU, one elected member from COGS, and the Chairperson of the Athletic Council (or the Chairperson's designee) will serve as ex officio members of the Faculty Senate, with voice, but no vote.

3.4.1.1. The Steering Committee shall be composed of (a) five members of the faculty, elected at-large; (b) the Chairpersons of the University-level Standing Committees; (c) the Chairperson <u>Vice Chairperson of Academic Affairs</u> of ASMSU <u>Academic Assembly</u> and the President of the Council of Graduate Students, who will have voting rights on all matters not reserved for the faculty (1.2.3.); (d) one undergraduate student chosen from the voting members of the ASMSU <u>Academic Assembly</u> and one graduate student selected from the student members of COGS who will have voting rights on all matters not reserved for the faculty.

3.4.1.2.4. The term of office for student members of The Steering Committee shall be one year. No student may serve more than two consecutive terms on The Steering Committee unless that student holds the office of President of COGS or ASMSU <u>Academic Assembly ChairpersonVice</u> <u>Chairperson of Academic Affairs</u>, in which event the student may serve on The Steering Committee while holding that office. Student members of The Steering Committee will be identified by the end of each Spring Semester.

3.4.1.2.4.1. Student members of The Steering Committee shall be chosen from the voting membership of ASMSU Academic Assembly and COGS.

3.4.1.2.4.2. Should a student member leave The Steering Committee, a replacement shall be chosen by ASMSU <u>Academic Assembly</u> in the case of an undergraduate student, or COGS in the case of a graduate student.

3.5.3. The Secretary for Academic Governance shall be the parliamentarian with regard to the Bylaws for Academic Governance, and shall serve as a non-voting, ex officio member of the University Council, the Faculty Senate, The Steering Committee, the Academic Congress and the Academic General Assembly of ASMSU.

3.5.4. The Secretary for Academic Governance will serve as the liaison between the Academic Assembly of ASMSU and academic governance and between COGS and academic governance.

3.5.4.1. The Secretary for Academic Governance will be responsible for sharing information
 with academic governance regarding actions being taken by the Academic Assembly of ASMSU and COGS.

**3.5.4.2. The Secretary for Academic Governance will serve as informational parliamentarian for Academic Assembly of ASMSU and COGS.

**3.5.4.3. The Secretary of Academic Governance will receive and file the minutes of meetings of the Academic Assembly of ASMSU and COGS in the Office of Academic Governance.

3.5.4.4. The Office of Student Life will consult regularly with the Secretary of Academic Governance regarding ASMSU and COGS elections and will provide assistance to the Academic Assembly of ASMSU and COGS.

3.5.5. The Office of the Secretary for Academic Governance, along with other administrative offices, provides staff support to The Steering Committee, the University Council, the Faculty Senate, the Academic Assembly of ASMSU, the Council of Graduate Students, and the University-level Standing Committees in the execution of responsibilities directly and indirectly expressed in these Bylaws. The Secretary of Academic Governance shall supervise elections to the University Council, the Academic Assembly of ASMSU, the Council of Graduate Students, and of the at-large faculty of The Steering Committee, with review by the University Committee on Academic Governance.

4.2.1.11. Unless otherwise provided, undergraduate student members of University-level
Standing Committees shall be elected by the Academic Assembly of ASMSU, and graduate student members of University-level Standing Committees shall be elected by COGS. Elections shall be held prior to the end of spring semester.

4.3.1. The University Committee on Academic Governance (UCAG) shall have seven faculty members selected from the elected faculty currently serving on the University Council or having served within the past three years. UCAG shall have five undergraduate student members, offrom whom at least one must be a member of the Academic Assembly ASMSU, and two graduate student members from COGS. The Provost or designee and the Secretary for Academic Governance shall be ex officio members of UCAG.

4.3.2.2. The Academic Assembly of ASMSU shall solicit nominations from the entire undergraduate student population for the undergraduate vacancies on the committees listed in 4.3.2. COGS shall appoint graduate and professional students to graduate vacancies on the committees listed in 4.3.2.

4.4.1. The membership of the University Committee on Undergraduate Studies (UCUS) shall include a faculty member from each college, and a faculty member from the non-college faculty. UCUS shall also have four undergraduate student members, of whom one must be <u>the Vice</u> <u>Chairperson of Academic Affairsa member</u> of <u>the Academic Assembly of ASMSU</u>, and two graduate student members from COGS. The Provost or the Provost's designee shall be a member with voice, but no vote.

4.5.1. The members of the University Committee on Curriculum (UCC) shall include a faculty member from each college. UCC shall also have five undergraduate student members, of whom one must be a member of the Academic Assembly of ASMSU, and two graduate student members. The Provost or the Provost's designee shall be a member with voice, but no vote. The Provost shall also name an executive secretary to serve ex officio without vote.

4.7.1. The faculty of each college, and the non-college faculty, shall select one regular faculty member (1.1.1.1.) to represent it on the University Committee on Faculty Tenure (UCFT). UCFT shall have as members at least three non-tenured faculty. Each year the Committee on Academic Governance shall designate which colleges, or college groupings, shall select non-tenured faculty as members of the University Committee on Faculty Tenure. UCFT shall have two undergraduate student members, of whom one must be a member of the Academic Assembly of from ASMSU, and one graduate student member from COGS. The Provost or the Provost's designee shall be a member with voice, but no vote.

4.9.1. The University Committee on Student Affairs (UCSA) shall have four faculty members selected by the Faculty Senate. UCSA shall have eight student members appointed as follows: three ASMSU Student Assembly appointeessix appointees from ASMSU, including the Chairperson of ASMSU Student Assembly or the Chairperson's designee; and two appointees from the Council of Graduate StudentsCOGS; and three ASMSU Academic Assembly appointees. UCSA appointees are expected to reflect the diversity of their constituencies. The

Vice President for Student Affairs and Services, or the Vice President's designee, and the University Ombudsman shall be members with voice, but no vote.

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By-Law Amendments (Final Revised)

Possible language for the proposed amendments to the By-Laws which would allow ASMSU to transition to this new structure is provided below:

3.2.3.2. The voting members of ASMSU, as determined by the constitution of ASMSU, shall serve on the University Council.

3.2.4.1. ASMSU shall select a number of undergraduate student representatives to the University Council equal to one-third (1/3) of the total voting membership of the University Council. The number of representatives shall be rounded to the nearest integer. The overall selection shall ensure balanced collegiate representation.

3.2.7.5. The Faculty Senate, the Appointed Council (3.2.1.1.2.), ASMSU, or COGS may, by a majority vote of those present and voting, refer matters to the University Council. Such recommendations shall be placed on the agenda of the University Council by The Steering Committee.

3.2.8. Functions of ASMSU

3.2.8.1. ASMSU shall consider and act upon all recommendations to University Council regarding student academic rights and responsibilities and judicial procedures; upon any proposed amendment to or revision of Academic Freedom for Students at Michigan State University prior to its consideration by University Council; upon all matters brought before it by the President, the Provost, or the Vice President for Student Affairs and Services; and upon all matters on which its constitution requires such action.

3.2.8.2. On any matter brought before ASMSU the mode of participation shall be that which is specified on the matter in the ascription of functions to University-level Standing Committees (4.3.-4.9.).

3.3.1.5. The President, the Provost, one elected member from ASMSU, one elected member from COGS, and the Chairperson of the Athletic Council (or the Chairperson's designee) will serve as ex officio members of the Faculty Senate, with voice, but no vote.

3.4.1.1. The Steering Committee shall be composed of (a) five members of the faculty, elected at-large; (b) the Chairpersons of the University-level Standing Committees; (c) the Vice Chairperson of Academic Affairs of ASMSU and the President of the Council of Graduate Students, who will have voting rights on all matters not reserved for the faculty (1.2.3.); (d) one undergraduate student chosen from the voting members of ASMSU and one graduate student selected from the student members of COGS who will have voting rights on all matters not reserved for the faculty.

3.4.1.2.4. The term of office for student members of The Steering Committee shall be one year. No student may serve more than two consecutive terms on The Steering Committee unless that

student holds the office of President of COGS or ASMSU Vice Chairperson of Academic Affairs, in which event the student may serve on The Steering Committee while holding that office. Student members of The Steering Committee will be identified by the end of each Spring Semester.

3.4.1.2.4.1. Student members of The Steering Committee shall be chosen from the voting membership of ASMSU and COGS.

3.4.1.2.4.2. Should a student member leave The Steering Committee, a replacement shall be chosen by ASMSU in the case of an undergraduate student, or COGS in the case of a graduate student.

3.5.3. The Secretary for Academic Governance shall be the parliamentarian with regard to the Bylaws for Academic Governance, and shall serve as a non-voting, ex officio member of the University Council, the Faculty Senate, The Steering Committee, the Academic Congress and ASMSU.

3.5.4. The Secretary for Academic Governance will serve as the liaison between ASMSU and academic governance and between COGS and academic governance.

3.5.4.1. The Secretary for Academic Governance will be responsible for sharing information with academic governance regarding actions being taken by ASMSU and COGS.

**3.5.4.2. The Secretary for Academic Governance will serve as informational parliamentarian for ASMSU and COGS.

**3.5.4.3. The Secretary of Academic Governance will receive and file the minutes of meetings of ASMSU and COGS in the Office of Academic Governance.

3.5.4.4. The Office of Student Life will consult regularly with the Secretary of Academic Governance regarding ASMSU and COGS elections and will provide assistance to ASMSU and COGS.

3.5.5. The Office of the Secretary for Academic Governance, along with other administrative offices, provides staff support to The Steering Committee, the University Council, the Faculty Senate, ASMSU, the Council of Graduate Students, and the University-level Standing Committees in the execution of responsibilities directly and indirectly expressed in these Bylaws. The Secretary of Academic Governance shall supervise elections to the University Council, ASMSU, the Council of Graduate Students, and of the at-large faculty of The Steering Committee, with review by the University Committee on Academic Governance.

4.2.1.11. Unless otherwise provided, undergraduate student members of University-level Standing Committees shall be elected by ASMSU, and graduate student members of University-level Standing Committees shall be elected by COGS. Elections shall be held prior to the end of spring semester.

4.3.1. The University Committee on Academic Governance (UCAG) shall have seven faculty members selected from the elected faculty currently serving on the University Council or having served within the past three years. UCAG shall have five undergraduate student members from ASMSU and two graduate student members from COGS. The Provost or designee and the Secretary for Academic Governance shall be ex officio members of UCAG.

4.3.2.2. ASMSU shall solicit nominations from the entire undergraduate student population for the undergraduate vacancies on the committees listed in 4.3.2. COGS shall appoint graduate and professional students to graduate vacancies on the committees listed in 4.3.2.

4.4.1. The membership of the University Committee on Undergraduate Studies (UCUS) shall include a faculty member from each college, and a faculty member from the non-college faculty. UCUS shall also have four undergraduate student members, of whom one must be the Vice Chairperson of Academic Affairs of ASMSU, and two graduate student members from COGS. The Provost or the Provost's designee shall be a member with voice, but no vote.

4.5.1. The members of the University Committee on Curriculum (UCC) shall include a faculty member from each college. UCC shall also have five undergraduate student members, of whom one must be a member of ASMSU, and two graduate student members. The Provost or the Provost's designee shall be a member with voice, but no vote. The Provost shall also name an executive secretary to serve ex officio without vote.

4.7.1. The faculty of each college, and the non-college faculty, shall select one regular faculty member (1.1.1.1.) to represent it on the University Committee on Faculty Tenure (UCFT). UCFT shall have as members at least three non-tenured faculty. Each year the Committee on Academic Governance shall designate which colleges, or college groupings, shall select non-tenured faculty as members of the University Committee on Faculty Tenure. UCFT shall have two undergraduate student members from ASMSU and one graduate student member from COGS. The Provost or the Provost's designee shall be a member with voice, but no vote.

4.9.1. The University Committee on Student Affairs (UCSA) shall have four faculty members selected by the Faculty Senate. UCSA shall have eight student members appointed as follows: six appointees from ASMSU, including the Chairperson of ASMSU or the Chairperson's designee and two appointees from COGS. UCSA appointees are expected to reflect the diversity of their constituencies. The Vice President for Student Affairs and Services, or the Vice President's designee, and the University Ombudsman shall be members with voice, but no vote.

Attachment 3.a

MICHIGAN STATE

January 17, 2012

MEMORANDUM

To:	Trustee Policy Committee
From:	Kim A. Wilcox, Provost KAW
Re:	Approval of Contract Terms: NamesforLife, LCC

Recommendation:

BE IT RESOLVED that the Trustee Policy Committee recommends to the Board of Trustees that it approve the execution of a research contract with *NamesforLife*, *LLC*, consistent with earlier public notice given at a Board meeting and with the "Research Contract Term Sheet" now presented to the Board for inclusion in its minutes.

Background:

In compliance with State law, public notice of the University's intent to negotiate contracts with *NamesforLife*, *LLC*, a Michigan limited liability company based in Okemos, Michigan, was given at the Board of Trustees' meeting on January 14, 2005. The terms of a research contract are now being presented for approval.

Dr. George Garrity, a Professor in the Department of Microbiology & Molecular Genetics, and his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Garrity is also a managing member of *NamesforLife, LLC*.

The attached "Research Contract Term Sheet" summarizes the agreement that MSU has negotiated with *NamesforLife*, *LLC*.

Michigan State University 430 Administration Building East Lansing, MI 48824-1046

OFFICE OF THE

PROVOST

517-355-6550 Fax: 517-355-9601 provost.msu.edu Cc:

Trustee Finance Committee President Lou Anna K. Simon Vice President Fred Poston Vice President J. Ian Gray Vice President Robert A. Noto Secretary Bill Beekman Dr. Terry May Deputy General Counsel Kristine Zayko Assistant General Counsel Lee Bollinger

RESEARCH CONTRACT TERM SHEET

Party:	NamesforLife, LLC
Contracts:	Sponsored research agreement "The NamesForLife Semantic Index of Phenotypic and Genotypic Data for Systems Biology"
Term:	From the effective date of the agreement to March 30, 2012
Payment Terms:	\$44,729
Services Provided:	By MSU to NamesforLife: Semantic indexing of phenotypic and genotypic data for systems biology
	By NamesforLife to MSU: none
Use of University Facilities/Personnel:	
	Use of MSU facilities/personnel by NamesforLife provided at prevailing rates for industrial research
Organization Type:	Michigan limited liability company
Personnel Interest:	Dr. George Garrity, a Professor in the Department of Microbiology & Molecular Genetics, and his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Garrity is also a managing member of NamesforLife, LLC.

MICHIGAN STATE

January 17, 2012

MEMORANDUM

To:	Trustee Policy Committee
From:	Kim A. Wilcox, Provost KAle
Re	Approval of Contract Terms: Northern Techni

Approval of Contract Terms: Northern Technologies International Corporation

Recommendation:

BE IT RESOLVED that the Trustee Policy Committee recommends to the Board of Trustees that it approve the execution of a research contract with Northern Technologies International Corporation consistent with earlier public notice given at a Board meeting and with the "Research Contract Term Sheet" now presented to the Board for inclusion in its minutes.

Background:

Cc:



In compliance with State law, public notice of the University's intent to negotiate contracts with Northern Technologies International Corporation, a Delaware corporation based in Circle Pines, Minnesota, was given at the Board of Trustees' meeting on November 5, 2010. The terms of a research contract are now being presented for approval.

Dr. Ramani Narayan, a Professor in the Department of Chemical Engineering and Materials Science, and his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Narayan is also an officer of Northern Technologies International Corporation.

The attached "Research Contract Term Sheet" summarizes the agreement that MSU has negotiated with Northern Technologies International Corporation.

Trustee Finance Committee President Lou Anna K. Simon Vice President Fred Poston Vice President J. Ian Gray Vice President Robert A. Noto Secretary Bill Beekman Dr. Terry May Deputy General Counsel Kristine Zayko Assistant General Counsel Lee Bollinger

OFFICE OF THE PROVOST

Michigan State University 430 Administration Building East Lansing, MI 48824-1046

> 517-355-6550 Fax: 517-355-9601 provost.msu.edu

RESEARCH CONTRACT TERM SHEET

Party:	Northern Technologies International Corporation
Contract:	Sponsored Research Agreement
	"SBTT Phase 2: Advanced Polylactide (PLA) Materials for Extrusion and Molding Applications"
Term:	From the effective date of the agreement to October 13, 2013
Payment Terms:	\$201,294
Services Provided:	By MSU to Northern Technologies International Corporation: research regarding advanced polylactide (PLA) materials for extrusion and molding applications
	By Northern Technologies International Corporation to MSU: None under contemplated agreement
Use of University Facilities/Personnel:	
	Use of MSU facilities and personnel by Northern Technologies International Corporation provided at prevailing rates for industrial research
Organization Type:	Delaware Corporation based in Circle Pines, Minnesota
Personnel Interest:	Dr. Ramani Narayan, a Professor in the Department of Chemical Engineering and Materials Science, and his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Narayan is also an officer of Northern Technologies International Corporation.

Attachment 3.c

MICHIGAN STATE

January 17, 2012

MEMORANDUM

To:

Re:

From:

Trustee Policy Committee Kim A. Wilcox, Provost

Approval of Contract Terms: Retia Medical, LLC (formerly Hemodynamic Monitoring Solutions)

Recommendation:

BE IT RESOLVED that the Trustee Policy Committee recommends to the Board of Trustees that it approve the execution of a license agreement with *Retia Medical, LLC (formerly Hemodynamic Monitoring Solutions)* consistent with earlier public notice given at a Board meeting and with the "License Agreement Term Sheet" now presented to the Board for inclusion in its minutes.

Background:



OFFICE OF THE PROVOST

Michigan State University 430 Administration Building East Lansing, MI 48824-1046 In compliance with State law, public notice of the University's intent to negotiate contracts with *Hemodynamic Monitoring Solutions*, *LLC* (now *Retia Medical*, *LLC*) a Delaware limited liability company based in East Lansing, Michigan, was given at the Board of Trustees' meeting on June 17, 2011. The terms of a license agreement are now being presented for approval.

Dr. Ramakrishna Mukkamala, an Associate Professor in the Department of Electrical and Computer Engineering, and his family own or have options to buy an ownership interest of more than 1% of *Retia Medical*, *LLC*. Dr. Mukkamala is also a member of *Retia Medical*, *LLC*.

The attached "License Agreement Term Sheet" summarizes the agreement that MSU has negotiated with *Retia Medical*, *LLC*.

517-355-6550 Fax: 517-355-9601 provost.msu.edu

Cc:

Trustee Finance Committee President Lou Anna K. Simon Vice President Fred Poston Vice President J. Ian Gray Vice President Robert A. Noto Secretary Bill Beekman Dr. Terry May Deputy General Counsel Kristine Zayko Assistant General Counsel Lee Bollinger

LICENSE AGREEMENT TERM SHEET

Party:	Retia Medical, LLC
License:	Exclusive license on Patent Rights in the field of hemodynamic monitoring
Term:	From the effective date of the agreement extending to the expiration of the last to expire of the patents
Technology:	MSU Invention Disclosure Nos. TEC2005-0010 "Method and Apparatus for Continuous Monitoring of Cardiac Output and left Atrial Pressure"; TEC2006-0077 "Methods and Apparatus for Determining Ejection Fraction"; TEC2008-0063 "Methods and Apparatus for Determining Circulatory Pressures and Flows"; TEC2010-0098 "Methods and Apparatus for Determining Arterial Pulse Wave Velocity"; TEC2010-0103 "Methods and Apparatus for Determining Cardiac Output"
	U.S. Patent Nos. 7,666.144; 7,815,578; and U.S. Patent Application Nos. 12/646,362; 12/225,133; 60/782,724; 12/993,544; 61/128,956; 31/372,958; 10/667,956; 12/903,915
Technology's Potential Commercial Utilization:	
	Cardiac output monitoring
Payment Terms:	Payment of \$10,000 within 30 days of signing; a running royalty of 5% on net sales; 15% on all sublicensing revenues; an option to exclusively license certain University-owned patents developed by Dr. Mukkamala; 3.5% of all distributions made to members of Retia Medical (excluding employee compensation); minimum royalty payments of \$20,250 beginning in calendar year 2016; reimbursement of prior patent costs beginning in 2013 with a payment of \$50,000 and the remaining balance paid in 2014; patent costs incurred after effective date of agreement paid as incurred; milestone payments of \$20,000 at testing validation and \$20,000 upon completion of first prototype.
	The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided that the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.
Services Provided:	By MSU to Retia Medical, LLC: None under contemplated agreement
	By Retia Medical, LLC to MSU: None under contemplated agreement
Organization Type:	Delaware limited liability company
Personnel Interest:	Dr. Ramakrishna Mukkamala, an Associate Professor in the Department of Electrical and Computer Engineering, and his family own or have options to buy an ownership interest of more than 1% of the company. Dr. Mukkamala is also a member of Retia Medical, LLC.