The regents met at 3:15 p.m. in the Pendleton Room, Michigan Union. Present were President Coleman and Regents Darlow, Deitch, Ilitch, Maynard, Newman, Richner, and Taylor. Also present were Vice President and Secretary Churchill, Vice President Forrest, Provost Hanlon, Vice President Harper, Chancellor Little, Vice President May, Chancellor Person, Executive Vice President Pescovitz, Vice President Rudgers, Vice President Scarnecchia, Executive Vice President Slottow, and Vice President Wilbanks. Regent White participated by phone.

Call to Order

President Coleman called the meeting to order and asked Vice President Churchill to comment on the meeting venue. Vice President Churchill noted that the Regents’ Room in the Fleming Administration Building, which has been used as the site of the regular regents’ meetings for many decades, may no longer be an adequate venue for regents’ meetings. She also noted that from time to time, regents do meet in different venues. The location, format, and other aspects of the monthly meetings will be evolving in the coming months as the details are ironed out about different options and venues.

President’s Remarks

President Coleman commented on a number of honors the University had received in the past month, including the 2012 Senator Paul Simon Award for Comprehensive Internationalization, being ranked 12th among private and public institutions world-wide in the
2012 Times Higher Education World Reputation Rankings, and being the recipient of a $10 million gift from the Dow Chemical Company to support 300 students in a new fellowship program aimed at helping solve the world’s most pressing sustainability challenges.

President Coleman reported on progress regarding the internal audit of the case involving the pediatrics resident, and on the board’s directive to engage an external team to examine this matter. She announced that retired University senior auditor Fred White has been hired to implement the recommendations stemming from the internal audit, and to serve as liaison for the external review.

President Coleman also reported that during her recent testimony to the House Higher Education Appropriations Subcommittee, she had shared her goal of the state resuming its position as among the top ten in state funding for higher education.

President Coleman then introduced Ronald Zernicke, dean of the School of Kinesiology.

**School of Kinesiology: Innovation and Impact**

Dean Zernicke outlined the history of the school, noting that it is ranked 5th nationally by the National Academy of Kinesiology, up from 18th five years ago. The school has the 4th largest undergraduate enrollment on campus, and graduate enrollment has increased by 11% in the past year. About half of kinesiology undergraduates go on to graduate school. Dean Zernicke outlined some of the areas in which the school is having an impact on society, including interdisciplinary programs focusing on physical activity and pediatric obesity, rehabilitation robotics, economic and urban development with sport, upper limb training and assessment, and sport, health and athletic performance.
Dean Zernicke described innovation that is differentiating the UM kinesiology program from others and the strategic collaborations that are occurring among kinesiology faculty and faculty of other schools and colleges on campus.

Committee Reports

Finance, Audit and Investment Committee. Regent White, chair of the Finance, Audit and Investment Committee, reported that the committee, consisting of herself, Regent Richner, and Regent Maynard had met that morning with Executive Vice President Slottow. The first item was a review with the University’s external auditors of the FY2011 A-133 audit and a follow up on prior years’ comments and observations. Importantly, the University qualified as a low-risk subject for the A-133 audit. No questioned costs or material weaknesses, or significant deficiencies in internal controls, financial reporting, or major federal programs were identified. The committee also discussed the FY2012 audit plan. In addition to the PricewaterhouseCoopers auditor team, other participants in this session included Associate Vice President Rowan Miranda, Executive Director of University Audits Carol Senneff, University Controller Cheryl Soper, and Health System CFO Paul Castillo. Committee members then met privately with the auditors, and were satisfied with the interaction between the auditors and University officials. The second agenda item was a discussion with Mr. Miranda, Ms. Senneff, Ms. Soper, and Mr. Castillo about plans for the FY2013 external audit. The committee also discussed the search for a new executive director of internal audits with Ms. Soper, chair of the search committee. The final agenda item involved a discussion of the Ross School executive residence and revenue diversification with Dean Davis-Blake, Provost Hanlon, and Sean O’Neal, chief financial officer of the Ross School.
**Personnel, Compensation and Governance Committee.** Regent Taylor, chair of the Personnel, Compensation and Governance Committee, reported that he and Regent Ilitch had held a brief meeting, also attended by Provost Hanlon and President Coleman. Provost Hanlon had provided an update on various searches and related personnel matters. Following this short session, the committee joined the Health Affairs Committee.

**Health Affairs Committee.** Regent Darlow reported that the committee, consisting of herself, Regent Newman, and Regent Deitch, met with Executive Vice President Pescovitz and Dean Woolliscroft. For the first agenda item, the Cardiovascular Center (CVC) strategic plan, they were joined by Linda Larin, chief administrative officer of the CVC, and Drs. Pinsky, Prager, and Stanley. The discussion included a report on Project Healthy Schools, a program sponsored by the CVC whose goal is to reduce childhood obesity and improve long-term health outcomes for middle school children. Drs. Pescovitz and Woolliscroft then updated the committee on the recent Medical School LCME accreditation visit. President Coleman, Secretary Churchill, and Regents Taylor and Ilitch then joined the meeting for a discussion with Dr. Karin Muraszko, chair of the Department of Neurosurgery, and Mr. Tony Denton, UMHHC chief operating officer, for a discussion of the possible renovation and utilization of vacated space in University Hospital South. The committee was updated on various favorable rankings achieved by the Health System, including being ranked 8th in primary care and 2nd in the nation for desirability of Medical School graduates for residency programs.

President Coleman then turned to the consent agenda.
Consent Agenda

Minutes. Vice President Churchill submitted for approval the minutes of the special meeting of February 8, 2012, the regular meeting of February 16, 2012, and the special meeting of February 21, 2012.

Reports. Executive Vice President Slottow submitted reports on investment, plant extension, and University Human Resources. Regarding the Plant Extension Report, he noted that the Fuller Road intermodal transportation facility is being taken off the list of pending projects, as agreement has not been reached with the city on a memorandum of understanding. This does not preclude the project from being reinstated in the future.

Litigation Report. Vice President Scarnecchia submitted the Litigation Report.


University of Michigan Health System. There was no additional report regarding the University of Michigan Health System.

Division of Student Affairs. There was no additional report from the Division of Student Affairs.

University of Michigan-Flint. Chancellor Person reported that the grand opening reception and ribbon cutting for the School of Management at the Riverfront Center will be held next week.

University of Michigan-Dearborn. Chancellor Little reported that the Omani ambassador to the United States would be on campus to speak at the annual Susan B. Anthony dinner.
Central Student Government Report. Mr. DeAndree Watson, president of the Central Student Government (CSG), reported that a Graduate Student Affairs Commission had been established, and that the CSG had recently taken action to augment the childcare subsidy program. He also updated the regents on other recent CSG activities.

Voluntary Support. Vice President May submitted the report of voluntary support for February 2012.

Personnel Actions/Personnel Reports. Provost Hanlon submitted a number of personnel actions and personnel reports.

Retirement Memoirs. Vice President Churchill submitted memoirs for four retiring faculty members.

Memorials. No deaths of active faculty members were reported to the regents this month.

Degrees. President Coleman submitted for approval the following recommendations for recipients of honorary degrees: José Antonio Abreu, Doctor of Music; Sanjay Gupta, Doctor of Humane Letters; J. Ira Harris, Doctor of Laws; Susan Orlean, Doctor of Humane Letters; Richard Sarns, Doctor of Engineering; and Chris VanAllsburg, Doctor of Humane Letters. These individuals will all receive their degrees at the Spring 2012 Commencement, and Sanjay Gupta will be the commencement speaker.

Approval of Consent Agenda. On a motion by Regent Newman, seconded by Regent White, the regents unanimously approved the consent agenda.


Executive Vice President Slottow submitted the report of the Office of University Audits activities for the period December 2011-January 2012.
Alternative Asset Commitments

Executive Vice President Slottow informed the regents of follow-on investments that had been made with the following partnerships: $20 million to Roark Capital Partners III, $15.0 million to Ford Financial II, L.P., and $40 million to Avenue Europe Special Situations Fund II.

Alternative Asset Commitment

On a motion by Regent White, seconded by Regent Richner, the regents unanimously approved commitment of $15 million from the Long Term Portfolio to SG (“Stripes Group”) Growth Partners II, L.P.

Alternative Asset Commitment

On a motion by Regent White, seconded by Regent Richner, the regents unanimously approved commitment of €15 million from the Long Term Portfolio to BLG Turkish Real Estate Fund, L.P.

Renaming of Crisler Arena as Crisler Center

On a motion by Regent Taylor, seconded by Regent Richner, the regents unanimously approved changing the name of Crisler Arena to Crisler Center.

School of Nursing New Building

On a motion by Regent White, seconded by Regent Newman, the regents unanimously approved the School of Nursing New Building Project as described, and authorized commissioning RDG Planning and Design for its design.

Yost Ice Arena Seating Replacement and Fan Amenities Improvement Project

Executive Vice President Slottow informed the regents that the project budget is being increased from $14 million to $16 million, due to the fact that the bids received were higher than expected and the decision to include detailed historic windows. On a motion by Regent Darlow,
seconded by Regent Newman, the regents unanimously approved the revised project budget for
the Yost Ice Arena Seating Replacement and Fan Amenities Improvement Project.

University of Michigan Hospitals and Health Centers A. Alfred Taubman Health Care
Center Backfill Renovations (Levels 1 and 2)

On a motion by Regent Darlow, seconded by Regent Newman, the regents unanimously
approved the University of Michigan Hospitals and Health Centers A. Alfred Taubman Health
Care Center Backfill Renovations (Levels 1 and 2) Project as described, authorized
commissioning the architectural firm of Harley Ellis Devereaux for its design, and authorized
issuing the project for bids and awarding construction contracts providing that bids are within the
approved budget.

University of Michigan Hospitals and Health Centers A. Alfred Taubman Health Care
Center Backfill Renovations (Levels 1 and 2)

On a motion by Regent Ilitch, seconded by Regent Maynard, the regents unanimously
approved the University of Michigan Hospitals and Health Centers A. Alfred Taubman Health
Care Center Internal Medicine Renovation Project as described, authorized commissioning the
architectural firm of Niagara Murano for its design, and authorized issuing the project for bids
and awarding construction contracts providing that bids are within the approved budget.

Conflict of Interest Items

President Coleman announced that the agenda includes 10 conflict of interest items.
Each of these items requires 6 votes for approval. On a motion by Regent Ilitch, seconded by
Regent Darlow, the regents unanimously approved the following 10 items:

Authorization for Transaction with Avicenna Medical Systems, Inc.

The regents authorized the University to transact with Avicenna Medical Systems, Inc.
(“Avicenna”) for programming services. Because Frank Pelosi, Erdwing Coronado, and Khaled
El-Safty, University of Michigan employees, are also owners of Avicenna, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. Parties to the contract are the Regents of the University of Michigan and its Health System (UMHS) and Avicenna.
2. The agreement is for services required to test and modify existing patient tracking software required to successfully integrate with EPIC. The duration will not exceed 6 months and the total cost is $10,000.
3. The pecuniary interest arises from the fact that Frank Pelosi, Erdwing Coronado, and Khaled El-Safty, University of Michigan employees, are owners of Avicenna.

**Authorization for Transaction with Peacock Holdings**

The regents authorized the University’s Michigan Productions to transact with Peacock Holdings for on-camera spokesperson services. Because Lisa Pavone, a University of Michigan employee, is also an employee of Peacock Holdings, this transaction falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. Parties to the contract are the Regents of the University of Michigan and its Michigan Productions and Peacock Holdings.
2. The agreement is for on-camera spokesperson services for the production of a University of Michigan safety video. Total cost of the services is $480.
3. The pecuniary interest arises from the fact that University of Michigan employee Lisa Pavone is an employee of Peacock Holdings.

**Material Transfer Agreement between the University of Michigan and 3D Biomatrix, LLC**

The regents approved a material transfer agreement with 3D Biomatrix, LLC (“Company”) to allow the company to obtain samples from the University associated with the following technology: UM OTT File No. 5308, “Imaging and Transfer Plate for Analysis and Manipulation of 384 Hanging Drop Microtissue Spheroids.” Because Shuichi Takayama and Nicholas Kotov, University of Michigan employees, are also partial owners and officers of 3D
Biomatrix, LLC, this agreement falls under the State of Michigan Conflict of Interest Statute.

The following information is provided in compliance with statutory requirements:

1. Parties to the contract are the Regents of the University of Michigan and 3D Biomatrix, LLC.

2. Agreement terms include approving the transfer of samples to the Company for internal use and evaluation. The University will retain ownership of the technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the agreement. Standard disclaimers of warranties and indemnification apply, and the agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Drs. Takayama and Kotov arise from their ownership interest in 3D Biomatrix, LLC.

Option Agreement between the University of Michigan and Atterocor, Inc.

The regents approved an option agreement with Atterocor, Inc. (“Company”) to option from the University of Michigan the University’s rights associated with the following technologies: UM OTT File No. 5104, “Methods and Compositions for the Treatment of Adrenal Disorders.” Because Gary Hammer, a University of Michigan employee, and the spouse of University of Michigan employee Thomas Kerppola are both founders of and equity holders in the Company, this agreement falls under the State of Michigan Conflict of Interest Statute.

The following information is provided in compliance with statutory requirements:

1. The parties to the contract are the Regents of the University of Michigan and Atterocor, Inc.

2. Agreement terms include granting the Company an option to negotiate for an exclusive license with the right to grant sublicenses. The Company will pay a royalty on sales and reimburse patent costs. The University may receive equity in the Company, along with the right to purchase more equity. The University will retain ownership of the optioned technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the Agreement. Standard disclaimers of warranties and indemnification apply, and the Agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interests of Dr. Hammer arise from his ownership interest in Atterocor, Inc., and those of Dr. Kerppola arise from his spouse’s ownership interest in Atterocor, Inc.

Option Agreement between the University of Michigan and Brio Device LLC

The regents approved an option agreement with Brio Device LLC (“Company”) to option from the University of Michigan the University’s rights associated with the following technologies: UM OTT File No. 4943, “Intubating Device.” Because Sabina Siddiqui, Douglas Mullen, Laura McCormick, and Hanna Hensel, University of Michigan employees, are also partial owners of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. The parties to the contract are the Regents of the University of Michigan and Brio Device, LLC.

2. Agreement terms include granting the Company an exclusive option to obtain an exclusive license with the right to grant sublicenses. The Company will pay an option fee and reimburse ongoing patent expenses. Terms of the subsequent license agreement would include payment of a royalty on sales and reimbursement of patent costs. The University may receive equity in the Company, along with the right to purchase more equity. The University will retain ownership of the optioned technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the Agreement. Standard disclaimers of warranties and indemnification apply, and the Agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Drs. Siddiqui, Mullen, and McCormick, and Ms. Hensel arise from their ownership interest in Brio Device, LLC.

Research Agreement between the University of Michigan and Evigia Systems, Inc.

The regents approved a research agreement between the University of Michigan and Evigia Systems, Inc. (“Company”) that will allow the Company to support research at the University of Michigan related integrated sensor and ASIC technologies. Because Khalil Najafi and Kensal Wise, University of Michigan employees, are both scientific advisors to the
Company, and Dr. Wise is also a stockholder of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. Parties to the agreement are the Regents of the University of Michigan and Evigia Systems, Inc.
2. The terms of the proposed agreement conform to University policy. Dr. Michael Flynn, associate professor of electrical engineering and computer science, College of Engineering, will direct the project over an initial two-year period at an estimated cost of $99,954. Since research projects are often amended, these agreements include provisions for changes in time, amount, and scope of each supported project. University procedures for approval of the terms and conditions governing this work will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interests of Khalil Najafi and Kensal Wise arise from their status as scientific advisors (Najafi and Wise) and stockholder (Wise) in Evigia Systems, Inc.

Third Amendment to License Agreement between the University of Michigan and HistoSonics, LLC

The regents approved an amendment to a license agreement between the University of Michigan and HistoSonics, LLC (“Company”) that will allow the Company to add to their existing license from the University of Michigan the license to the University’s rights associated with the following technology: UM OTT File No. 5112, “Lesion Generation Through Bone Using Histotripsy Therapy;” UM OTT File No. 5136, “Means for Generating Spatially Random Bubble Clouds within a Focal Volume for more effective Therapy;” UM OTT File No. 5146, “Elastography for Assessment of Surgical Lesion Formation Produced by Histotripsy;” UM OTT File No. 5205, “Generation of Tissue Lesions Much Smaller than the Diffraction Limit: Nanotripsy;” and UM OTT File No. 5222, “Ultrasound Transducer Manufacturing Using Rapid Prototyping Method.” Because Charles Cain, Brian Fowlkes, William Roberts, Zhen Xu, and Timothy Hall, University of Michigan employees, are also partial owners of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:
1. Parties to the agreement are the Regents of the University of Michigan and HistoSonics, LLC.

2. Agreement terms include granting the Company an exclusive license with the right to grant sublicenses. The Company will reimburse patent costs, pay milestone and annual minimums and royalties on sales. The University will retain ownership of the licensed technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the Agreement. Standard disclaimers of warranties and indemnification apply, and the Agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Drs. Cain, Fowlkes, Roberts, Xu, and Hall arise from their ownership interest in HistoSonics, LLC.

Research Agreement between the University of Michigan and Michigan Aerospace Corporation

The regents approved a research agreement between the University of Michigan and Michigan Aerospace Corporation (“Company”) that will allow the Company to support research at the University of Michigan. Because Lennard Fisk, a University of Michigan employee, is also an owner of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. Parties to the agreement are the Regents of the University of Michigan and Michigan Aerospace Corporation.

2. The terms of the proposed agreement conform to University policy. Dr. Aaron Ridley, associate professor of atmospheric, oceanic and space sciences, College of Engineering, will direct the project over a ten-month period and the amount of funding support is $40,000. The Company seeks to enter into a research agreement with the University for the purpose of enabling Michigan Aerospace Corporation to run simulations on the Global Ionosphere Thermosphere Model, validate data and support the creation of research tools by providing documentation and codes. Since research projects are often amended, these agreements include provisions for changes in time, amount, and scope of each supported project. University procedures for approval of the terms and conditions governing this work will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Lennard Fisk arise from his status as an owner of Michigan Aerospace Corporation.

Option Agreement between the University of Michigan and Mozaic Solutions, LLC

The regents approved an option agreement with Mozaic Solutions, LLC (“Company”) to option from the University of Michigan the University’s rights associated with the following
technologies: UM OTT File No. 4419, “System for Electrospray and Nanospray Ionization of Discrete Samples in Droplet Format.” Because Robert Kennedy, a University of Michigan employee, is also a partial owner of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. The parties to the contract are the Regents of the University of Michigan and Brio Mozaic Solutions, LLC.

2. Agreement terms include granting the Company an option to an exclusive license with the right to grant sublicenses. The Company will pay a royalty on sales and reimburse patent costs. The University may receive equity in the Company, along with the right to purchase more equity. The University will retain ownership of the optioned technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the Agreement. Standard disclaimers of warranties and indemnification apply, and the Agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Dr. Kennedy arise from his ownership interest in Mozaic Solutions, LLC.

Option Agreement between the University of Michigan and Situmbra, Inc.

The regents approved an option agreement with Situmbra, Inc. (“Company”) to option from the University of Michigan the University’s rights associated with the following technology: UM OTT File No. 3528, “Bio-Composite Façade System.” Because Harry Giles, a University of Michigan employee, is also a partial owner of the Company, this agreement falls under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

1. The parties to the contract are the Regents of the University of Michigan and Situmbra, Inc.

2. Agreement terms include granting the Company an option to obtain an exclusive license with the right to grant sublicenses. The Company will pay an option fee and reimburse patent costs. The University will retain ownership of the optioned technology and may continue to further develop it and use it internally. No use of University services or facilities, nor any assignment of University employees, is obligated or contemplated under the Agreement. Standard disclaimers of warranties
and indemnification apply, and the Agreement may be amended by consent of the parties, such as adding related technology. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.

3. The pecuniary interests of Dr. Giles arise from his ownership interest in Situmbra, Inc.

Approval of Ann Arbor Campus Academic Calendar for 2014-2015

On a motion by Regent Taylor, seconded by Regent Richner, the regents unanimously approved the academic calendar for the Ann Arbor campus for 2014-2015.

New Undergraduate Degree Program in the College of Engineering (“B.S.E. in Environmental Engineering”)

On a motion by Regent White, seconded by Regent Maynard, the regents unanimously approved a new undergraduate degree program in the College of Engineering: B.S.E. in Environmental Engineering.”

New Degree Program for UM-Dearborn College of Business (“Master of Science in Supply Chain Management”)

On a motion by Regent Maynard, seconded by Regent Ilitch, the regents unanimously approved a new degree program, “Master of Science in Supply Chain Management,” to be offered by the College of Business, University of Michigan-Dearborn.

New Degree Program for UM-Dearborn College of Business (“Master of Science in Business Analytics”)

On a motion by Regent Ilitch, seconded by Regent Darlow, the regents unanimously approved a new degree program, “Master of Science in Business Analytics,” to be offered by the College of Business, University of Michigan-Dearborn.
New Degree Program for UM-Dearborn College of Engineering and Computer Science (“Bachelor of Science in Digital Forensics”)

On a motion by Regent Ilitch, seconded by Regent Maynard, the regents unanimously approved a new degree program, “Bachelor of Science in Digital Forensics,” to be offered by the College of Engineering and Computer Science, University of Michigan-Dearborn.

Public Comments

The regents heard comments from the following individuals, on the topics indicated: Katherine Brion, Daniel Birchok, Samantha Montgomery, and Patrick O’Mahen, students, on expansion of the child care subsidy; Luz Meza, student, on in-state tuition for undocumented students; Laura Washington, student, on underrepresented minority enrollment; Benjamin Mason, student, on the TEDxUofM Conference on March 29; and Buddy Moorehouse, alumnus, Brian Kruger, citizen, and Genevieve Urbain, citizen, on honoring Willis Ward.

Regent Darlow requested that Provost Hanlon provide information to the regents about the childcare subsidy matter, and she and Regent Maynard requested further information about the undocumented student tuition issue that had been raised by the speakers. Regent Taylor requested that Vice President Churchill ask the athletic director to look into ways that Willis Ward could be recognized appropriately on campus. Other regents expressed support for this.

Adjournment

There being no further business, the meeting was adjourned at 4:45 p.m. The next meeting will take place April 19, 2012.