

OCTOBER MEETING, 2018

*The University of Michigan
Flint
October 18, 2018*

The regents met at 3:35 p.m. in the Riverfront Center. Present were President Schlissel and Regents Behm, Bernstein, Ilitch, Newman, Richner, Ryder Diggs, Weiser and White. Also present were Chancellor Borrego, Vice President Churchill, Chancellor Grasso, Vice President Harper, Executive Vice President Hegarty, Vice President Hu, Vice President Lynch, Vice President May, Vice President Michels, Vice President Pendse, Provost Philbert, Executive Vice President Runge and Vice President Wilbanks.

Call to Order and President's Opening Remarks

President Schlissel called the meeting to order and thanked Chancellor Borrego and her team for hosting. He said that this fall UM-Flint joined the M-Cubed program, which provides millions of dollars in seed grants for faculty research crossing disciplinary boundaries. Collaboration with the UM-Flint faculty further strengthens the 6-year-old program.

President Schlissel noted that earlier this month Chancellor Borrego announced that she has decided to step down as chancellor when her term is complete next July next year. He expressed his appreciation for her significant accomplishments in advancing academic excellence, including new academic programs, bolstered research funding and strengthened connections between the university and the community. President Schlissel said, "Chancellor Borrego, for now, I want you to know how much I appreciate your hard work and dedication to the mission of the University of Michigan,

and for your unwavering commitment to all of the people and communities of this region. Thank you.”

President Schlissel said that two faculty members were elected to the National Academy of Medicine (NAM), bringing the UM total to 58 NAM members. They are: George Mashour, associate dean for clinical and translational research in the Medical School and director of the Michigan Institute for Clinical & Health Research; and Lori J. Pierce, vice provost for academic and faculty affairs, and residency director and clinical director in the Department of Radiation Oncology. In addition, Professor Emeritus Gérard Mourou, a faculty member in electrical engineering and computer science for 16 years before his retirement in 2004, became one of three winners of the 2018 Nobel Prize in Physics for “groundbreaking inventions in the field of laser physics.” Dr. Mourou shared the prize with one of his former graduate students, the University of Waterloo’s Dr. Donna Strickland for a technique they invented. It is called the chirped pulse amplification, a technique that “paved the way towards the shortest and most intense laser pulses ever created.” They also developed new medical treatments, including Lasik surgery.

He also congratulated Nobel Peace Prize recipient Denis Mukwege who was honored for his work to end sexual violence against women in armed conflict. In 2010, UM awarded Mukwege the Wallenberg Medal, which is named after an alumnus who saved tens of thousands of Jews during World War II.

President Schlissel spoke to the recommended reappointment of Jack Hu, as vice president for research. He said that Dr. Hu has helped launch inter-disciplinary initiatives, including Mcity, and has realigned the Office of Research to make services

more responsive. UM continues to lead the way in research productivity and startups and researchers have reported a 10% increase in new inventions.

President Schlissel said that during the recent Leadership Breakfast he announced a commitment to putting UM on a trajectory towards carbon neutrality and levels of greenhouse gases release that are environmentally sustainable. He said he would like to do this in partnership with Ann Arbor and other regional stakeholders in a fashion that can be replicated elsewhere. He will form a presidential commission that will be tasked with developing plans to balance carbon neutrality in the context of overall environmental sustainability, will suggest goals, and will recommend ways the community can share in the success. In order to capture the community's ideas an email/feedback form has been posted on his website located under the Environment and Sustainability section under the Initiatives and Focus Areas tab.

President Schlissel said that on the agenda are recommendations for honorary degrees that will be awarded during Winter Commencement at the Crisler Center on December 16. Dr. Lynn Conway is a pioneer in computer science, UM professor emerita of electrical engineering and computer science, and internationally recognized transgender advocate. Professor Conway's monumental contributions include her 1965 invention of dynamic instruction scheduling, which was a fundamental breakthrough in computer science, and the development of a unified structural methodology that revolutionized the silicon chip design process. In sharing her personal story, Dr. Conway tells how IBM fired her in 1968 as she began her gender transition, before establishing a new identity and succeeding as a female engineer. Dr. Conway will

deliver the Ann Arbor commencement address and is recommended for an honorary doctor of science.

Rita Dove, a Pulitzer Prize-winning poet, University of Virginia professor, and former United States poet laureate, is one of only four authors ever to receive both the National Humanities Medal and the National Medal of Arts. She won the 1987 Pulitzer Prize for *Thomas and Beulah*, a volume of poetry reflecting on the lives of her maternal grandparents, who lived in Akron, Ohio, in the 1920s and 1930s. In a 1989 interview published in *The Iowa Review*, she said *Thomas and Beulah* is a book about black Americans and two very ordinary ones at that. Nothing spectacular happens in their life. And yet this ‘non-sensational’ double portrait is awarded a prize. That's what is important.” She is recommended for an honorary doctor of fine arts.

UM alumnus James Hackett is president and chief executive officer of Ford Motor Co., retired president and CEO of Steelcase Inc., and former center for the Wolverines football team under Bo Schembechler. He has generously supported our University for more than four decades, including two sustaining endowments, board service to our Life Sciences Institute and Gerard R. Ford School of Public Policy, and service as our interim director of athletics. When two lawsuits challenged the use of race in UM admission policies to achieve a diverse student body, Mr. Hackett enlisted 100 companies to join one of two defining amicus briefs supporting the University's diversity ideals, which the Supreme Court upheld in 2003. He is recommended for an honorary doctor of laws.

Elizabeth Nabel, president of the Harvard University-affiliated Brigham Health and a professor of medicine at Harvard Medical School, has served on the University of

Michigan's Medical School faculty beginning in 1987, became director of the Cardiovascular Research Center in 1992, and was the first woman to be appointed UM's chief of cardiology. She made substantial contributions to the understanding of the molecular genetics of cardiovascular diseases, including clarifying fundamental processes of cell division and growth of vascular smooth muscle cells in blood vessels. In 2015, the National Football League appointed her its first chief medical adviser. She is recommended for an honorary doctor of science.

President Schlissel noted that the UM-Dearborn commencement ceremony will be held on December 15, and the Ann Arbor and Flint ceremonies will be held on December 16. He reminded everyone that Election Day is on Tuesday, November 6 and urged everyone to get out and vote. He then turned the meeting over to Chancellor Borrego to introduce the presentations.

Chancellor Borrego introduced representatives from the Michigan Association of Chiefs of Police (MACP) for a presentation of a Certificate of Accreditation to the UM-Flint Department of Public Safety. The department recently completed an accreditation process through the Michigan Law Enforcement Accreditation Commission. Presenting the award from the MACP representing the MI Law Enforcement Accreditation Commission was retired Chief Robert Stevenson, executive director, and retired Chief Neal Rosso, director of professional development. Receiving the prestigious award were: Michael Hauge, vice president for business and finance; Eddie Washington, executive director, DPSS; Raymond Hall, chief of police; and Heather McDonald, executive sergeant.

Retired Chief Stevenson spoke of the leadership of Chief Hall, noting that of Michigan's 600 police agencies, the UM-Flint Department of Public Safety is the tenth agency to achieve this award and the first in an educational setting. Retired Chief Neal noted that there are 105 standards that were met based on national and state police best practices, and he offered congratulations.

Chancellor Borrego introduced Mihai Burzo, assistant professor of mechanical engineering who gave a presentation entitled, "Autonomous Underwater Vehicle Swarm Based Sensor Network for Great Lake Invasive Species Data Acquisitions." Professor Burzo said that invasive species have cost the Great Lakes \$100M and there are large gaps in knowledge about invasive species. His sensors are dispatched from a floating platform in swarms to move through the lake and acquire information that will help to create a data set that will be able to recognize fish species.

Investment Report

Chief Investment Officer Erik Lundberg gave a report on investments totaling \$14.1B in the University's long term portfolio, working capital funds, the University's self-insurance Veritas, and other investments. The funds have grown from \$1B in 1994 to the current \$11.9B endowment. He explained actual allocations and the model portfolio that is used for reference. The long term portfolio is the largest investment vehicle and a model was presented with minimum and maximum allocations in various securities and assets classes.

Finance Audit and Investment Committee

Committee Chair White reported that she and committee members Regents Bernstein and Weiser met with Executive Vice President Hegarty to discuss the

University's 2018 financial statements and the results of the related external audit. Those attending also include Associate Vice President for Finance, Nancy Hobbs, University Controller, Cheryl Soper and representatives from PricewaterhouseCooper.

Health Affairs Committee

Committee Chair Ryder Diggs said that she and committee member Regent Richner met with Executive Vice President Runge, Carol Bradford, executive vice dean for academic affairs and Dee Hunt, chief human resources officer, who provided an overview of the Michigan Medicine Wellness and Civility initiative that will be launched this year. David Spahlinger, president of UMHHC, gave an update on clinical activities.

Consent Agenda

Minutes. Vice President Churchill submitted for approval the minutes of the meeting of September 20, 2018.

Reports. Executive Vice President Hegarty submitted the Investment Report, the Plant Extension Report, the University Human Resources Report, and the Regents Report on Non-Competitive Purchases equal to or in excess of \$10,000 from Single Sources, June 16, 2018 through September 15, 2018.

Litigation Report. Vice President Lynch had no report.

Research Report. Vice President Hu had no report.

University of Michigan Health System. Executive Vice President Runge had no report.

Student Life. Vice President Harper had no report.

University of Michigan-Dearborn. Chancellor Grasso said he attended three receptions in the Detroit area welcoming him as the new chancellor. All were well attended and provided an opportunity to connect with campus alumni, including the chief information officer of the U.S. Department of Defense. He also met with Ed Kraus, global manager for external alliance at Ford Motor Company, to discuss reestablishing stronger ties between Ford and the University.

University of Michigan-Flint. Chancellor Borrego said UM-Flint hosted Dr. Jane Goodall at a forum that included 700 environmental journalists. The campus also broke ground on the Murchie Science Building that will enable more STEM opportunities.

Regent Behm thanked Chancellor Borrego. He noted that UM-Flint had a development campaign goal of \$40 million, which was quickly exceeded and instead raised \$54.5 million. He said during her time as chancellor “she implemented a campus wide strategic plan, increased student retention, enlarged the campus foot print by 25%, increased funding for faculty research by over \$1 million, and most importantly, together with this community, helped to navigate the Flint water crisis.” He added, “The board has been incredibly impressed with your leadership over the last four years.”

Regent Ilitch agreed with Regent Behm and added, “I want to emphasize what a terrific and courageous leader you have been. You’ve taken on a great role with great enthusiasm and intellect. I think you are a hero handling the Flint water crisis. It could have gone in many different directions and you navigated that brilliantly. You also throw a mean baseball.”

Regent Newman said, “You educated a lot of us on the water crisis. You stepped into this immediately. We all thank you for that. The University in particular owes you a debt of gratitude for taking on a leadership role. All the terrific representation you’ve done for the University over the last four years has been truly incredible. You came into a tough situation, you handled it beautifully and we are grateful for everything you have done here.”

Regent White said, “I want to emphasize your proactive response to the water crisis because it was in the fall of 2014 when you were concerned about water quality and started testing it. Not only were you getting filters and testing it but you were communicating incredibly well with the community. You had a website for people to track what was going on. It was very transparent. You saved the enrollment of this institution so that we were able to have wonderful students coming here and being educated. I just want to acknowledge your courage and determination and your caring about this institution.”

Regent Bernstein said, “You handled this work with resiliency and relentlessness that was necessary to be successful. I think this campus and this community are better off for it. It has been a real privilege to serve together.”

Regent Ryder Diggs seconded everyone’s comments and adds, “I want to speak more personally about how appreciative I am of your community involvement. I have many friends in Flint and when I speak to them what I hear is how well you have worked with the community to enhance the reputation of UM-Flint and to enhance our partnerships. That is the reason why so many people in the Southeast Michigan area

have invested more in the campus - because of your leadership and your strengths. These are the things that are going to be long-lived. I appreciate the relationships you brought to bear.”

Central Student Government Report. Flint President Eucharia Ganda said that her hope is to improve three areas of focus - identity and a sense of pride and tradition, student engagement, and cultural diversity and training for faculty and staff.

Central Student Government (CSG) Vice President Isabell Baer described efforts to encourage students to vote and educational events to empower women in finance and economics. CSG is hosting town hall discussions on housing affordability and a workshop on debt management.

Voluntary Support. Vice President May reported on the historical campaign results with fundraising surpassing the \$4B goal. He applauded the outstanding leadership and support from the board table and noted that Giving Blue day is November 27. The Campaign will celebrate on November 2 and will end on December 31.

Personnel Actions/Personnel Reports. Provost Philbert presented a number of personnel actions and reports.

Retirement Memoirs. Vice President Churchill submitted six retirement memoirs.

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

Degrees. President Schlissel submitted recommendations for honorary degrees.

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

Alternative and Absolute Return Commitments

Executive Vice President Hegarty reported on the University's follow-on investments with previously approved partnerships with a commitment of \$10 million to SSC – SAF I, L.P.; a commitment of \$75 million to Kayne Private Energy Income Fund II, L.P.; a commitment of \$50 million to Grey Rock Energy Fund III, L.P.; a commitment of \$26 million to Lime Rock Panthers IV AF, L.P.; a commitment of \$25 million to Enlightenment Capital Solutions SBIC Fund, L.P. from the University's Long Term Portfolio; and a commitment of \$100 million to Granite State Capital Partners II, L.P.

University of Michigan Financial Statements for the year ended June 30, 2018

On a motion by Regent White, seconded by Regent Richner, the regents unanimously adopted the University's consolidated audited financial statements as submitted.

Central Power Plant Expansion

On a motion by Regent White, seconded by Regent Behm, the regents unanimously approved the schematic design for the Central Power Plant expansion project and authorized proceeding with construction provided that bids are within the approved budget.

Approval of Model Portfolio and Allowable Ranges

On a motion by Regent Bernstein, seconded by Regent White, the regents unanimously approved the board approved model portfolio with the recommended allowable ranges as outlined above and review them on an annual basis.

Conflicts of Interest

On a motion by Regent White, seconded by Regent Newman, the regents unanimously approved the following conflict of interest items that fall under the State of Michigan Conflict of Interest Statute. The following information is provided in compliance with statutory requirements:

Authorization for the University to enter into an agreement with Arbor Medical Innovation LLC

An agreement with Arbor Medical Innovation LLC was approved.

1. The parties to the contract are the Regents of the University of Michigan and Arbor Medical Innovation LLC.
2. The agreement is for 10 customized Acuwand prototype devices, labor, development and testing, purchased over 3 years for \$45,400. Arbor Medical Innovation LLC will be supplying all the necessary resources and personnel to fulfill this contract. The remaining base contract terms and conditions are typical to those used in Procurement Services' standard templates for other similar contracts entered into by the regents.
3. The pecuniary interest arises from the fact that University of Michigan employees Steven Harte and Grant Kruger are members of Arbor Medical Innovation LLC.

Authorization for the University to transact with Daniel A. Erickson

An agreement with Daniel A. Erickson was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Museum of Art and Daniel A. Erickson.
2. The agreement is a one-time payment of \$275. Daniel A. Erickson will be supplying all the necessary resources and personnel to fulfill this contract. The remaining base contract terms and conditions are typical to those used in Procurement Services' standard templates for other similar contracts entered into by the regents.
3. The pecuniary interest arises from the fact that University of Michigan employee Daniel A. Erickson is party to the contract as sole proprietor.

Authorization for the University to transact with Michelle Massey

An agreement with Michelle Massey was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Museum of Art and Michelle Massey.
2. The agreement is for the purchase of block prints, magnets and cards for \$234. Michelle Massey will be supplying all the necessary resources and personnel to fulfill this contract. The remaining base contract terms and conditions are typical to those used in Procurement Services' standard templates for other similar contracts entered into by the regents.
3. The pecuniary interest arises from the fact that University of Michigan employee Michelle Massey is party to the contract as sole proprietor.

Authorization for the University to transact with Thing Thing LLC

An agreement with Thing Thing LLC was approved.

1. The parties to the contract are the Regents of the university of Michigan, its Museum of Art and Thing Thing LLC.
2. The agreement is for a wholesale order of a series of candleholders for a one-time payment of \$375. Thing Thing LLC will be supplying all the necessary resources and personnel to fulfill this contract. The remaining base contract terms and conditions are typical to those used in Procurement Services' standard templates for other similar contracts entered into by the regents.
3. The pecuniary interest arises from the fact that university of Michigan employee Thomas Moran is the owner of Thing Thing LLC.

Authorization for the University of Michigan to enter into Lease Agreements with Venture Accelerator Firms Located at the North Campus Research Complex

Agreements with ONL Therapeutics, Inc., Cubeworks, Inc. and Taza Aya were approved.

1. The parties to the contract are the Regents of the University of Michigan, ONL Therapeutics, Inc., Cubeworks, Inc. and Taza Aya.
2. The service to be provided is the lease of space in the North Campus Research Complex Venture Accelerator located at 1600 Huron Parkway, Ann Arbor, Michigan with access to common area space within the building. The lease durations including all options for renewal are outlined in the spreadsheet. The leases will use the standard University of Michigan Venture Accelerator lease template. The tenant companies will pay the rates as stipulated in the attached spreadsheet for the current term and option years as indicated. The tenant companies will be responsible for providing monthly updates concerning their business progress to the University of Michigan's Office of Technology Transfer personnel for advice concerning obtaining technology assessment, business consulting, technical assistance, capital raising, or other business services.
3. The pecuniary interest arises from the fact that University of Michigan employees listed on the spreadsheet are owners and/or officers of the tenant companies.

License Agreement between the University of Michigan and Angioaid, Inc.

A license agreement with Angioaid, Inc. to license from the University of Michigan the university's rights associated with the following technologies: UM OTT File No. 6787 entitled, "Automated Analysis of Vasculature in Coronary Angiograms";

UM OTT File No. 6864 entitled, “Automated Decision Making System for Analysis Microcirculation Video”; and UM OTT File No. 7470 entitled, “Coronary Vessel Segmentation and Stenosis Detection Using Deep Learning and Image Processing Technique” was approved.

1. The parties to the contract are the Regents of the University of Michigan and Angioaid, Inc.
2. Agreement terms include granting Angioaid, Inc. an exclusive license with the right to grant sublicenses. Angioaid, Inc. will pay a royalty on sales and reimburse patent costs. The University may receive equity in Angioaid, Inc. along with the right to purchase more equity. The University will retain ownership of the licensed technology and may continue to further develop it and use it internally as well as in collaborations with other research institutions. 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 interest of Kayvan Najarian and Dr. Brahmajee Nallamotheu arises from their ownership interest in Angioaid, Inc.

License Agreement between the University of Michigan and Arcascope LLC

A license agreement with Arcascope LLC to license from the University of Michigan the University’s rights associated with the following technologies: UM OTT File No. 7391 entitled, “Entrain Mobile Application” was approved.

1. The parties to the contract are the Regents of the University of Michigan and Arcascope LLC.
2. Agreement terms include granting Arcascope LLC an exclusive license with the right to grant sublicenses. Arcascope LLC will pay a royalty on sales and reimburse costs. The University may receive equity in Arcascope LLC along with the right to purchase more equity. The University will retain ownership of the licensed technology and may continue to further develop it and use it internally as well as in collaborations with other research institutions. 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 interest arises from the fact that University of Michigan employees Daniel Forger and Olivia Walch are part owners of Arcascope LLC.

Subcontract Agreement between the University of Michigan and Arcascope LLC

A subcontract agreement with Arcascope LLC to fund a NIH (prime) SBIR Phase I project entitled, “Developing a Circadian Wellness Tool for Cancer Patients” (ORSP #18-PAF01029) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Mathematics and Arcascope LLC.
2. The terms of the agreement conform to University policy. The period of performance for the project is approximately one (1) year. The amount of funding support will not exceed \$96,661. Since research projects are often amended, this agreement includes a provision for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employees Daniel Forger and Olivia Walch are part owners of Arcascope LLC.

Option Agreement between the University of Michigan and Ceramic Battery LLC

An option agreement with Ceramic Battery LLC to option from the University of Michigan the University’s rights associated with the following technologies was approved:

UM OTT File No. 6744 entitled, “Segmented Cell Architecture for Solid State Batteries”;

UM OTT File No. 6746 entitled, “Slurry Formulation for the Formation of Layers for Solid State Batteries”;

UM OTT File No. 7102 entitled, “Ceramic Garnet Based Ionically Conducting Material – electrolyte”;

UM OTT File No. 7182 entitled, “Stabilization Coatings for Solid State Batteries”;

UM OTT File No. 7185 entitled, “Metal Infiltrated Electrodes for Solid State Batteries”;

UM OTT File No. 7310 entitled, “Method for Formation of Facile Li Metal Anode Interface with a Solid-Electrolyte”;

UM OTT File No. 7352 entitled, “Method for Treating the Surface of Solid Electrolytes”;

UM OTT File No. 7423 entitled, “Method for Suppressing Metal Propagation in Polycrystalline Solid Electrolytes”;

UM OTT File No. 7518 entitled, “Bulk Solid State Batteries Utilizing Mixed Ionic Electronic Conductors, co-owned with Ford Motor Company”;

UM OTT File No. 7630 entitled, “Mixed Ionic and Electronic Conductor for Solid State Battery”;

UM OTT File No. 7659 entitled, “Solid-State Battery Electrolyte Having Increased Stability Towards Cathode Materials”;

UM OTT File No. 7753 entitled, “Methods for Lowering the Hot-Pressing Temperatures of Garnet Structured Ionic Conductors”; and

UM OTT File No. 7760 entitled, “Current Collector Clad with Li-ion Solid Electrolyte”

1. The parties to the contract are the Regents of the University of Michigan and Ceramic Battery LLC.
2. Agreement terms include granting Ceramic Battery LLC an exclusive option to license rights to the above technology from the University. 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 interest arises from the fact that University of Michigan employee Jeff Sakamoto is part owner of Ceramic Battery LLC.

Subcontract Agreement between the University of Michigan and InheRET, Inc.

A subcontract agreement with InheRET, Inc. to fund a NIH (prime) STTR Phase I project entitled, “InheRET, the Inherited Risk Evaluation Tool for identifying patients at increased risk of hereditary disease” (ORSP #19-PAF01337) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Pathology and InheRET, Inc.
2. The terms of the agreement conform to University policy. The period of performance for the project is approximately one (1) year. The amount of funding support will not exceed \$94,157. Since research projects are often amended, this agreement includes a provision for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employees Dr. David Keren, Dr. Sofia Merajver, Dr. Lee Schroeder, Lynn McCain and Kara Milliron are part owners of InheRET, Inc.

Option Agreement between the University of Michigan and Lynx Rx, Inc.

An option agreement with Lynx Rx, Inc. to option from the University of Michigan the University’s rights associated with the following technologies: UM OTT File No. 6286 entitled, “Non-coding RNAs and Uses Thereof”; UM OTT File No. 6981 entitled, “Oncogenic Role of THOR, a Conserved Cancer/Testis Long Noncoding RNA”; and UM OTT File No. 7386 entitled, “ARInc1 in Prostate Cancer Progression” was approved.

1. The parties to the contract are the Regents of the University of Michigan and Lynx Rx, Inc.
2. Agreement terms include granting Lynx Rx, Inc. an exclusive option. Lynx Rx, Inc.

will reimburse the University for patent costs. 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 interest arises from the fact that University of Michigan employee Arul Chinnaiyan is part owner of Lynx Rx, Inc.

Research Agreement between the University of Michigan and MeiraGTx Limited

A research agreement with MeiraGTx Limited to fund a project entitled, “Validation study for the visual mobility test to be used for natural history studies and therapeutic clinical trials of patients with Achromatopsia associated with genetic mutations” (ORSP #19-PAF01009) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Ophthalmology and Visual Sciences and MeiraGTx Limited.
2. The terms of the agreement conform to University policy. The period of performance for the project is approximately two (2) years. The amount of funding support will not exceed \$47,291. Since research projects are often amended, this agreement includes provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employee Robin Ali is the chief scientific officer and part owner of MeiraGTx Limited.

Research Agreement between the University of Michigan and MeiraGTx Limited

A research agreement with MeiraGTx Limited to amend a research agreement previously approved to include the proposal entitled, “CTSU_ACD Gene Therapy for Achromatopsia (CNGB3)” (ORSP #19-PAF01699) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Ophthalmology and Visual Sciences and MeiraGTx Limited.
2. The terms of the amendment conform to University policy. The period of performance for the project is approximately two (2) years. The amount of funding support will be increased by \$10,913 and will not exceed \$563,161. Since research projects are often amended, this agreement includes provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employee Robin Ali is the chief scientific officer and part owner of MeiraGTx Limited.

Subcontract Agreement between the University of Michigan and Therapeutic Systems Research Laboratories, Inc.

A subcontract agreement with Therapeutic Systems Research Laboratories, Inc. to fund a NIH (prime) STTR Phase I project entitled, “A novel combination therapy to treat biofilm-based pneumonia infections” (ORSP #19-PAF01327) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Internal Medicine and Therapeutic Systems Research Laboratories, Inc.
2. The terms of the agreement conform to University policy. The period of performance for the project is approximately two (2) years. The amount of funding support will not exceed \$23,418. Since research projects are often amended, this agreement includes a provision for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employees Gordon Amidon and Gregory Amidon are paid members of the board of directors of Therapeutic Systems Research Laboratories, Inc.

Reassignment Agreement between the University of Michigan and Yifang Chen

A reassignment agreement with Yifang Chen to have the University’s rights associated with the following technologies granted to him personally: UM OTT File No. 2018-396 entitled, “Implantable Central Venous Port with Cuff”; and UM OTT File No. 2018-502 entitled, “A Central Venous Catheter with a Sealed Hub or with a Hub Having a Valve Inside” was approved.

1. The parties to the contract are the Regents of the University of Michigan and Yifang Chen.
2. Agreement terms include assigning to Yifang Chen the University’s rights in the technologies and patent rights referenced above. Yifang Chen will reimburse the University for its patent costs, pay all future patent costs and pay to the University a percentage of any royalty revenue he receives from licensing or commercializing the technologies. 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 interest of University of Michigan employee Yifang Chen arises from receipt of a reassignment agreement to the technologies.

On a motion by Regent Bernstein, seconded by Regent White, the regents approved the following conflict of interest items that fall under the State of Michigan Conflict of Interest Statute. Regent Richner recused himself from voting. The following information is provided in compliance with statutory requirements:

Research Agreement between the University of Michigan and Eli Lilly and Company

A research agreement with Eli Lilly and Company to fund a project entitled, “CTSU_ACD: 16T-MC-AMAP” (ORSP #19-PAF00904) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Internal Medicine and Eli Lilly and Company.
2. The terms of the amendment conform to University policy. The period of performance for the project is approximately three (3) years. The amount of funding support will not exceed \$144,646. Since research projects are often amended, this agreement includes provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employee Dr. Marschall Runge is a paid member of the board of directors of Eli Lilly and Company.

Research Agreement between the University of Michigan and Eli Lilly and Company

A research agreement with Eli Lilly and Company to amend a research agreement previously approved by the regents to include the proposal entitled, “A Phase 2, Multicenter, Randomized, Parallel-arm, Placebo-Controlled Study of LY3074828 in Subjects with Moderate to Severely Active Crohn’s Disease Synopsis” (ORSP #19-PAF01569) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Internal Medicine and Eli Lilly and Company.
2. The terms of the amendment conform to University policy. The period of performance for the project is approximately three (3) years. The amount of funding support will be increased by \$3,011 and will not exceed \$241,310. Since research projects are often amended, this agreement includes provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employee Dr. Marschall Runge is a paid member of the board of directors of Eli Lilly and Company.

Research Agreement between the University of Michigan and Eli Lilly and Company

A research agreement with Eli Lilly and Company to fund a project entitled, “Biology of Papulopustular Rosacea” (ORSP #19-PAF01204) was approved.

1. The parties to the contract are the Regents of the University of Michigan, its Department of Dermatology and Eli Lilly and Company.
2. The terms of the amendment conform to University policy. The period of performance for the project is approximately two (2) years. The amount of funding support will not exceed \$583,665. Since research projects are often amended, this agreement includes provisions for changes in time and scope. University procedures for approval of these changes will be followed and additional conflict of interest review will be done as appropriate.
3. The pecuniary interest arises from the fact that University of Michigan employee Dr. Marschall Runge is a paid member of the board of directors of Eli Lilly and Company.

Public Comment

The regents heard public comments from: Ed Kohl, citizen, on Professor John Cheney-Lippold and university responsibility; Grant Faber, student, on climate action movement at UM; Eugene Greenstein, citizen, on the Cheney-Lippold and associated issues; Lydia Whitbeck, student, on the climate action movement at UM; Irving Ginsberg, citizen, on tenure and university policy; Jane Esper Vogel, alumna, on the climate action movement at UM; Kimberly Daley, faculty, on institutional ethics of food purchases; Nely Rodriguez, citizen, on institutional ethics of food purchases with Ana Ximena Peralta, citizen, as her interpreter; and Martin Kaufman, faculty, on UM sustainability efforts and carbon neutrality.

Adjournment

The meeting was adjourned at 5:27 p.m. The next meeting will take place on December 6, 2018 in Ann Arbor.