

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

June 16, 2023

Interim president Woodruff called the meeting of the Board of Trustees to order at 10:00 a.m.

Trustees present: Dianne Byrum, Dennis Denno, Dan Kelly, Renee Knake Jefferson, Sandy Pierce, Brianna Scott, Kelly Tebay, and Rema Vassar.

University officers present: Interim President Woodruff, Interim Provost and Executive Vice President Jeitschko; Executive Vice Presidents Beauchamp and Woo; Senior Vice President Wilbur; Vice President and General Counsel Quinn; Secretary Fletcher; Vice Presidents Bollman, Gage, Guerrant, and Swain. Faculty liaisons present: Stephanie Anthony, Karen Kelly Blake, and Jack Lipton. Student liaisons present: Hannah Jeffery and Alissa Kim.

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

1. On a motion by Trustee Kelly, supported by Trustee Tebay, the **BOARD VOTED to approve the proposed agenda.**
2. On a motion by Trustee Kelly, supported by Trustee Tebay, **the BOARD VOTED to approve** the minutes of the April 21, 2023, Board of Trustees meeting.
3. President's Report

Interim President Woodruff provided the following report to the Board:

Good morning and welcome to today's board meeting which we are broadcasting from Grand Rapids. It is wonderful to spend part of the week here in Grand Rapids for our annual board retreat and meeting. Today, in my board report, I would like to focus on three topics: how the university engages in this and other communities; our progress toward our strategic objectives and safety activities on campus; and additions to our university family.

I have been thinking a great deal about placemaking. The Grand Rapids community is an extraordinary community and is an example of investing in itself, and one in which Michigan State has made a pronounced difference to over the past dozen years or so since we opened this gorgeous Secchia Center. We see it spectacularly in the Grand Rapids skyline. What we have accomplished with our

community partners has been truly inspirational. Opening this building as the home of our College of Human Medicine and then building out the Grand Rapids Innovation Park with our Grand Rapids Research Center, the Doug Meijer Medical Innovation Building, and the North American headquarters for Perrigo. These developments do much to enhance the area's health care and its economy. The direct annual economic activity from just these four buildings was calculated in a 2021 study to be \$203 million, with a broader annual economic impact of \$339 million, and annual support for 2,017 local jobs. We see more examples of MSU's placemaking and engagement throughout the Grand Rapids area. One of these that comes to mind is MSU Extension's Grand Ideas Garden on Ball Avenue, where guests can draw inspiration as well as helpful knowledge for their own gardens. At John Ball Zoo, the Kellogg Biological Station's Haddad Lab is conserving an endangered native butterfly, at the moment raising more in captivity than exist in the wild. This partnership is so successful, they are now working to conserve a second endangered species. We see our placemaking at area farm markets, schools, and hospitals, where Extension educators connect food managers with local growers. Kent County is a national leader in growing apples, and our Extension specialists support growers and farmers with timely research-based information to enhance their yields and profitability. And with the support of our partners at the Steelcase Foundation, Extension's Mental Health First Aid program is being offered to tenth graders in Kentwood, Wyoming, and Grand Rapids schools. Speaking of powerful partnerships, our West Michigan Spartans club is one of our biggest and most philanthropic clubs, volunteering locally and supporting several scholarships at MSU. We count some 18,400 Spartan alums in Kent County alone. And we are proud to enroll some 3,600 students from the Kent/Ottawa/Allegan/Muskegon County region, and last month saluted 533 of them at our graduation ceremonies. I want to give a shoutout to Trustee Scott for her leadership in West Michigan.

So, I want to give you a little bit of an update on our Strategic Plan. Students and employees, as all of you know, are at the heart of MSU. Spartans, together with MSU's placemaking and community engagement, are also the focus of our 2030 strategic plan. We were pleased to present the board recently with our second annual strategic plan update, which highlights our progress as a community in fostering a university environment in which all students and employees can grow and thrive, and communities in which everyone is lifted up. On that note, as we observe our tenth anniversary of preparing leaders and change-makers through our LGBTQ academic minor in the College of Arts and Letters and I want to wish all a joyful Pride Month. A big part of supporting student success is our continued expansion of undergraduate advising resources, particularly for the critical first two years of the university experience. Those include programs fostering belonging for first-generation students. And in addition to the 15 advising staff members hired in the past year, we will add up to 20 more by fall under our Advising Initiative led by Provost Jeitschko. We are improving the graduate student experience too, through means such as the University Fellowship Program led by Dean Pero Dagbovie. That program focuses on recruiting and retaining a more diverse body of students

while increasing the number of participants by 25 percent by 2028. And we are strengthening our overall academic excellence at MSU. You might have seen, for example, that four MSU graduate degree programs were recently ranked number one in the country by U.S. News & World Report. Those are Curriculum and Instruction, Elementary Education and Secondary Education in the College of Education; and Supply Chain Management in the Broad College of Business. For employees, we are creating an environment allowing all of us to do our best work individually, as well as collectively. Encouraging and recognizing faculty and staff achievement is a key part of that. Last month, I enjoyed congratulating the winners of the 46th annual Jack Breslin Distinguished Staff Awards and the Ruth Jameyson "Above and Beyond" Award. We also gathered this season to celebrate 753 dedicated employees reaching employment milestones, along with retirees, at our annual Service and Retirement Recognition Awards. Two of our employees have served our university for a remarkable and sprightly 55 years! I had the pleasure last month, as well, of joining the annual MSU Awards Convocation to honor outstanding faculty and academic staff for their research, teaching and outreach. I want to add my congratulations to the 10 new University Distinguished Professor honorees being confirmed today. And congratulations, too, to the 65 faculty members whose promotions are included in today's personnel report. In the spirit of recognizing faculty excellence, I want to take this opportunity to welcome microbial ecologist James Tiedje into the American Academy of Arts and Sciences. Over more than 50 years, Dr. Tiedje's research and mentoring have made a mark in the field of microbial science. And in that same vein, I want to give a shout-out to College of Law Dean Linda Greene. Next month, she will participate in the Higher Education Resources Services (or HERS) Leadership Institute. This important program is for those who are ready to usher their universities into a more inclusive and equitable future. I look forward to hearing more about her experience there. Innovation for global impact is another key strategic theme, and the plan sets a goal of \$1 billion dollars in annual research expenditures by 2030. We took a big step in that direction last year, growing our research to a record \$759.2 million dollars. Knowing how important cherry production is to Michigan, particularly in the Grand Traverse region, I am proud to know Spartan scientists have now sequenced the tart cherry genome. This will make it possible to breed varieties better suited to changing climate conditions. We at MSU could not be more proud of this outcome. Meanwhile, we are working to ensure our facilities keep pace with our aspirations, most recently leveraging state support to upgrade our dairy and greenhouse research and teaching facilities on campus, and breaking ground on our new multicultural center. Our work toward our strategic sustainability goals is reflected in our recent rise in impact rankings to number two in the U.S. by Times Higher Education. Thank you, Executive Vice President Woo. And reflecting our strategic DEI and sustainability health goals, we grew our number of students of color across our three human health care colleges by more than 10 percent. Thank you, Executive Vice President for Health Sciences Norm Beauchamp. Speaking of rankings, and to illustrate MSU's commitment to improving the lives of people wherever they live, it was great to see the university ranked number six by the Peace Corps in its list of the top volunteer-producing

colleges and universities. We are very proud of the university's global engagement efforts and our students work in this regard. As we look toward the strategic plan's endpoint in 2030, MSU will be 175 years in the making. Our strategic vision today adds to our foundation of excellence as we gaze even further ahead to make our next 175 years just as transformative as our first.

Certainly, safety and security are prerequisites for any placemaking, and always at the forefront as we enable a safe and welcoming campus. In recent weeks, we have continued to strengthen our campus alert systems to include outdoor emergency weather sirens and our campus Green Light emergency phones, along with many other actions. Our facilities crews continue installing hundreds of new classroom door locks. Those can be locked from the inside while letting emergency personnel enter using a key. Our independent third-party after-action review is underway. Meanwhile, as we work to open a campus security operations center, integrate our security systems and develop procedures for real-time monitoring.

Another important component of our work to ensure a safe and supportive university will be in place shortly with our selection of a new vice president for Civil Rights and Title IX Education and Compliance, following a rigorous national search. Laura Rugless is an Army veteran who most recently was Title IX Associate Vice President at Cornell University. She will join us July 1 pending board approval, and I look forward to her perspective on preventing and responding to discrimination and sexual violence and misconduct. Later this morning, I am also looking forward to recommending the appointment of two college leaders. First, we are recommending Teresa Mastin, the Chairperson of the Department of Advertising and Public Relations, to be Interim Dean of the College of Communication Arts and Sciences. I would like to formally thank Dean Prabu David for his leadership of the College and look forward to his future development. Additionally, the board will be asked to confirm the appointment of a new dean for our College of Social Science, something we announced just yesterday. We are pleased to recommend Brent Donnellan, the college's Associate Dean of Academic and Student Affairs and Professor of Psychology, for that leadership role. I want to also express my gratitude to Dean Mary Finn, who has served the college incredibly well since March of 2020. Finally, we have a new head coach for our rowing program to welcome back to the banks of the Red Cedar River. Stacey Rippetoe was head coach at Boston University and worked as a Division I assistant and recruiting coordinator here as well as at Rhode Island over the last two decades. At MSU, she was honored as the regional Assistant Coach of the Year in 2007. So, we want to welcome back our coach! As our strategic plan underscores, our people are absolutely essential to the success of this university, a fact that is also recognized in the budget before the board today for approval. This budget responsibly advances our strategic priority of creating a best-in-class workplace while supporting the success of every student we admit and advancing our tripartite mission of education, research, and outreach. I want to thank the board for your support for these institutional priorities, and particularly for

prioritizing compensation as a key hallmark of this budget as we continue to advance the excellence of Michigan's State University.

Before I conclude, I want to note Tuesday's exciting announcement of the latest MSU investment in a community of great importance. Investment by our endowment fund in the iconic Fisher Building demonstrates the sincerity of our commitment to the city of Detroit. This comes on the heels of an endowment investment in the Piquette Flats affordable housing and adaptive reuse project, which with our plans for a joint research facility in Detroit stems from our 30-year partnership with Henry Ford Health.

Later today MSU hosts a community celebration of Juneteenth back on campus at the Breslin Center, so there will be a lot of cars heading that way after this meeting. I want to commend Vice President and Chief Diversity Officer Jabbar Bennett and all those producing this year's event. I look forward to being there this afternoon and encourage everyone to join us as we live our commitment to making a place that is safe, warm, and welcoming for all.

That concludes my report of just the work of the last two months and now we will turn to the next agenda item, public participation on items germane to the agenda.

4. Public Participation on Items Germane to the Agenda

1. Joe Garza – support staff compensation
2. Kayla Williams – Swim and Dive
3. Mike Balow – Swim and Dive

5. Gift, Grant, and Contracts Report

Vice President Gage presented the Gifts, Grants and Contracts Report for the period of March 23, 2023, through May 24, 2023. The report is a compilation of 425 Gifts, Grants and Contracts plus 53 Consignment/Non-Cash Gifts, with a total value of \$122,511,190.

Trustee Pierce **moved to approve** the recommendation, with support from Trustee Denno.

THE BOARD VOTED to approve the recommendation.

6. Research Presentation

Vice President Gage introduced Dr. Irving E. Vega, Red Cedar Distinguished Faculty, Associate Professor, Department of Translational Science, who gave a presentation on "From the Bench to the Community: A Community Partnership Approach to Work on Health Disparities." (Appendix A)

7. Personnel Actions

Interim Provost Jeitschko presented the following personnel actions:

Tara S. Behrend, Ph.D.—AY, Professor, School of Human Resources and Labor Relations, \$200,000, with tenure, effective August 16, 2023.

Angela Chia-Chen Chen, Ph.D.—AN, Professor, College of Nursing, \$200,000, with tenure, effective June 15, 2023.

Bradley E. Cox, Ph.D.—AN, Associate Professor, Department of Education Administration, with tenure, effective July 1, 2023.

Andrew Kerner, Ph.D.—AY, Associate Professor, Department of Political Science, with tenure, effective August 16, 2023.

Seung Yon Rhee, Ph.D.—AN, Professor, Department of Biochemistry & Molecular Biology, Department of Plant Biology, and Department of Plant, Soil, and Microbial Sciences, with tenure, effective July 1, 2023.

Stephen C. Wilks, Ph.D.—AY, Associate Professor, College of Law, with tenure, effective August 16, 2023.

Ruiguo Yang, Ph.D.—AY, Associate Professor, Department of Biomedical Engineering, with tenure, effective August 16, 2023.

Amanda Cote, Ph.D.—AY, Associate Professor, Department of Media and Information, with tenure, effective August 16, 2023.

Derrick Fox, Ph.D.—AN, Professor, College of Music, with tenure, effective August 16, 2023.

Katherine Connelly, Ph.D.—AN, MSU Foundation Professor, Department of Computer Science and Engineering, with tenure, effective March 20, 2023.

Joseph Darda, Ph.D.—AY, Associate Professor, Department of English, with tenure, effective August 16, 2023.

Interim Provost Jeitschko presented the promotion and tenure actions. (Appendix B)

Interim Provost Jeitschko presented the following other personnel actions:

Teresa Mastin, Ph.D.—AN, Chairperson, Department of Advertising and Public Relations, for a change in title to Interim Dean, College of Communication Arts and Sciences, effective May 16, 2023.

M. Brent Donnellan, Ph.D.—AN, Associate Dean, College of Social Science; Professor, Department of Psychology, for a change in title to Dean, College of Social Science, and for a change in salary, effective July 1, 2023.

Laura Rugless, J.D., Vice President for Civil Rights and Title IX Education and Compliance, Office for Civil Rights and Title IX Education and Compliance, Executive Management, effective July 1, 2023.

On June 9, 1989, the MSU Board of Trustees approved the establishment of the University Distinguished Professor designation. Twenty-one faculty were approved with the designation on July 20, 1990. Since then, one hundred and forty-two faculty have been approved with the designation of University Distinguished Professor. From the sixteenth nomination cycle, a standing advisory committee reviewed nominations and recommend ten candidates to the Provost. Based on these recommendations, the Interim Provost and Interim President now recommend approval of the University Distinguished Professor designation for the ten faculty listed below, to be effective June 16, 2023.

Michael Boivin, Ph.D., M.P.H., Department of Neurology & Ophthalmology, College of Osteopathic Medicine

Henry Campa, Ph.D., Department of Fisheries and Wildlife, College of Agriculture and Natural Science

Rebecca Campbell, Ph.D., Department of Psychology, College of Social Science

Patricia Edwards, Ph.D., Department of Teacher Education, College of Education

Leonard Fleck, Ph.D., Department of Philosophy and the Center for Bioethics and Social Justice, College of Arts and Letters and College of Human Medicine

Rufus Isaacs, Ph.D., Department of Entomology, College of Agriculture and Natural Resources

Richard Lenski, Ph.D., Department of Plant, Soil and Microbial Sciences, College of Agriculture and Natural Resources and College of Natural Science

Merry Morash, Ph.D., Department of Criminal Justice, College of Social Science

Edward Walker, Ph.D., Department of Microbiology and Molecular Genetics, College of Natural Science

Felicia Wu, Ph.D., Department of Food Science and Human Nutrition,
College of Agriculture and Natural Resources

Trustee Vassar **moved to approve** the recommendations, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendations.

8. Committee on Budget and Finance

Trustee Vassar presented the Trustee Budget and Finance Committee Report and the following recommendations and resolutions.

A. Fund Functioning as an Endowment— College of Osteopathic Medicine
Dean's Discretionary Scholarship

The Trustee Committee on Budget and Finance recommends that the Board of Trustees establish a fund functioning as an endowment to provide scholarships in the College of Osteopathic Medicine.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby establishes a fund functioning as an endowment entitled "College of Osteopathic Medicine Dean's Discretionary Scholarship."

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

THE BOARD VOTED to approve the recommendation.

B. Fund Functioning as an Endowment—Mashkiki Endowed Scholarship in
Human Medicine

The Trustee Committee on Budget and Finance recommends that the Board of Trustees establish a fund functioning as an endowment to provide financial support to students in the College of Human Medicine.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby establishes a fund functioning as an endowment entitled "Mashkiki Endowed Scholarship in Human Medicine."

Trustee Vassar **moved to approve** the recommendation, with support from Trustee Kelly.

THE BOARD VOTED to approve the recommendation.

C. Fiscal Year 2023-24 Operating Budget and Tuition & Fee Rates

The Trustee Committee on Budget and Finance recommends that the Board of Trustees adopt the Michigan State University Fiscal Year 2023-24 Operating Budget which includes revenue and expenditure totals for the major fund groups and tuition and fee rates as presented.

BE IT RESOLVED, that the Board of Trustees adopts the Michigan State University Fiscal Year 2023-2024 Operating Budget, including tuition and fee rates for all undergraduate students for the 2023-24 academic years, and graduate tuition rates for the 2023-24 academic year.

BE IT FURTHER RESOLVED, that the Administration is directed to implement the Michigan State University Fiscal Year 2023-2024 Operating Budget as presented.

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

THE BOARD VOTED to approve the recommendation.

D. Authorization to Plan—Bessey Hall HVAC Equipment Replacement

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorize the Administration to plan for replacement of heating, ventilation, and air conditioning (HVAC) equipment in Bessey Hall.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorizes the Administration to plan for the project titled “Bessey Hall—HVAC Equipment Replacement.”

Trustee Vassar **moved to approve** the recommendation, with support from Trustee Kelly.

THE BOARD VOTED to approve the recommendation.

E. Authorization to Plan—Anthony Hall Envelope Renewal

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorizes the Administration to plan for renewal of Anthony Hall’s building envelope.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorizes the Administration to plan for the project titled “Anthony Hall—Envelope Renewal.”

Trustee Vassar **moved to approve** the recommendation, with support from Trustee Denno.

THE BOARD VOTED to approve the recommendation.

F. Authorization to Proceed—MSU Main Library—Special Collections—Renovate Third Floor and HVAC Updates

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorize the Administration to proceed with renovations of the third floor of the Main Library to better preserve vital MSU special collections.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorizes the Administration to proceed with the project titled “MSU Main Library—Special Collections—Renovate Third Floor and HVAC Updates” with a project budget of \$13.8 million.

Trustee Vassar **moved to approve** the recommendation, with support from Trustee Tebay.

THE BOARD VOTED to approve the recommendation.

G. Authorization to Proceed—Student Recreation and Wellness Center

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorize the Administration to proceed with construction of a new recreational facility focused on student health and wellness.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorizes the Administration to proceed with the project titled “Student Recreation and Wellness Center” with a project budget of \$200 million.

Trustee Vassar **moved to approve** the recommendation, with support from Trustee Scott.

Trustee Denno abstained.

THE BOARD VOTED to approve the recommendation.

9. Committee on Academic Affairs

Trustee Denno presented the Trustee Academic Affairs Committee Report and the following recommendations and resolutions.

A. Amendments to Bylaws for Academic Governance

The Trustee Committee on Academic Affairs recommends that the Board of Trustees approve amendments to the Bylaws for Academic Governance.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves the amendments to the Bylaws for Academic Governance included as Attachment A. (Appendix C)

Trustee Denno **moved to approve** the recommendation, with support from Trustee Tebay.

THE BOARD VOTED to approve the recommendation.

B. Proposed University Parking Violation Ordinance Revision

It is recommended that the Board of Trustees amend University Ordinance 31.00 to adjust violation rates as well as amend the definition of multi space meters.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby amends University Ordinance 31.00 as shown in Exhibit A hereto attached. (Appendix D)

Trustee Denno **moved to approve** the recommendation, with support from Trustee Pierce.

THE BOARD VOTED to approve the recommendation.

10. Committee on Audit, Risk and Compliance

Trustee Kelly presented the Trustee Audit, Risk and Compliance Committee Report and the following recommendations and resolutions.

A. Approval of Contract Terms

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Advertent Biotherapeutics, a Michigan for-profit corporation, in which MSU Professor Erik Martinez-Hackert and his spouse hold a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a license agreement with Advertent Biotherapeutics, consistent with earlier public notice and with a License Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix E)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Akeila Bio, LLC, a Michigan for-profit entity, in which MSU three MSU professors and their families hold a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement amendment with Akeila Bio, consistent with earlier public notice and with an Option Agreement Amendment Term Sheet presented to the Board for inclusion in its minutes. (Appendix F)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Environmental Protective Coatings, Inc., a Michigan limited liability company, in which MSU Professor Muhammad Rabnawaz holds a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a license agreement with Environmental Protective Coatings, consistent with earlier public notice and with a License Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix G)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Great Lakes Crystal Technologies Inc., a Delaware corporation, in which MSU Professor Timothy Grotjohn holds a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a license agreement with Great Lakes Crystal Technologies Inc., consistent with earlier public notice and with a License Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix H)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Targeted Alpha Therapeutics Inc., a Michigan corporation, in which MSU Professor Dr. Kurt Zinn holds a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option agreement with Targeted Alpha Therapeutics Inc., consistent with earlier public notice and with an Option Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix I)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Tarn Biosciences, Inc., a Michigan C-Corp, in which MSU Professors Dr. Robert Abramovitch and Dr. Edmund Ellsworth hold a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves an option agreement with Tarn Biosciences, Inc consistent with earlier public notice and with an Option Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix J)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Great Lakes Crystal Technologies, Inc, a Delaware Corporation, in which MSU Professor Dr. Timothy Grotjohn and his family hold a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a Sponsored Research Agreement with Great Lakes Crystal Technologies, consistent with earlier public notice and with a Sponsored Research Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix K)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Great Lakes Crystal Technologies Inc., a Delaware corporation, in which MSU Professor Dr. Timothy Grotjohn holds a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with Great Lakes Crystal Technologies Inc., consistent with earlier public notice and with a Service Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix L)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Great Lakes Crystal Technologies, Inc, a Delaware corporation, in which MSU Professor Dr. Timothy Grotjohn holds a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a service agreement with Great Lakes Crystal Technologies, Inc, consistent with earlier public notice and with a Services

Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix M)

The Trustee Committee on Audit, Risk and Compliance recommends that the Board of Trustees approve a contract between Michigan State University and Tarn Biosciences, Inc, a Michigan C-Corp, in which two MSU Professors Robert Abramovitch and Edmund Ellsworth hold a financial interest.

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby approves a Service agreement with Tarn Biosciences, Inc consistent with earlier public notice and with a Services Agreement Term Sheet presented to the Board for inclusion in its minutes. (Appendix N)

Trustee Kelly **moved to approve** the recommendations, with support from Trustee Tebay.

THE BOARD VOTED to approve the recommendations.

11. Committee on Student Life and Culture

Trustee Tebay presented the Student Life and Culture Committee Report and the following recommendations and resolutions.

The Committee on Student Life and Culture discussed the student liaison policy and student mental health.

12. Public Participation on Other Items

1. Alec McAree – due process and accountability

13. Liaisons' Report, Chairperson's Report, and Trustees' Comments

Alissa Kim, student liaison, presented the following report.

Hi, everyone. I am sorry I am unable to attend today I am currently studying abroad, and with there being no virtual option for me for today's meeting, Vice President for Academic Affairs, Alisa Kim, is reading this report on my behalf. But for those of you who do not know me, my name is Emily Hoyumpa, and I was recently elected and began my term as the ASMSU and undergraduate student body president. To reference the agenda, the new era of health and wellness at MSU enters upon the approval of the newly renovated pool and new rec center. ASMSU is excited to further engage in these conversations as the building commences soon. As time goes on, we look forward to the transparency, accountability, and collaboration that will take place between all members of the MSU community. But to officially start up my time as a student liaison, here are my beginning thoughts

and updates to this board. To start off, we are grateful the university has officially decided to pursue a permanent memorial with the Spartan Strong funds. My hope for this memorial, along with the bench that we passed in the 59th session with Bill 59-100, is that students, faculty, staff, and those impacted by the events of February 13, are able to come together to both support and help one another heal, remember, and give justice to Arielle Anderson, Brian Fraser and Alexandria Verner. Arielle, Brian, Alex did not deserve what happened to them, and it is vital that they are remembered for more than just their names or moments of silence, but for the impact they had on the Spartan community. With that being said, Michigan State is still very much a campus in pain that needs healing, and it is crucial that all voices in the Spartan community are heard when this memorial is being planned and executed. As these conversations continue, I truly hope and will continue to advocate for students, faculty, staff, and everyone impacted by the events of February 13 to have a say in how to honor those who are lost, and keep in mind those who are still struggling. February 13 affected everyone in different ways, and in order for this memorial to be reflective of the people it impacted, those who are planning the memorial should have a wide range of perspectives and opinions. With that being said, I hope to have the opportunity to continue these conversations to allow our community to heal, and I hope the board feels the same. Throughout my term, I hope this board continuously pushes transparency and accountability and a greater willingness to hear from students at Michigan State in which you serve. Accordingly, I hope my team continues talks in the passing of the introduction of CORES and COPS liaison seat to the board. No advocacy venture can be completed in one day. The increased student representation on the board has been sought out for numerous years, particularly the representation of CORES and COPS groups. With the student liaisons' representative policy and not having any revisions since 1985, now's the time to look at it and evaluate what can be done better. The university has gone through many changes and will continue to change, yet this policy has not been updated to better represent MSU's most important stakeholders, the students. This board's commitment to the MSU 2030 DEI Strategic Plan makes me hopeful that the CORES and COPS liaison seat will be passed in a timely manner. Furthermore, the student liaisons to the board should also have seats on the board committees. There is so much power in student voices and representations, and this addition will greatly improve transparency, accountability, and the board's relationship with students. As an additional follow-up from the April board meeting, I'm extremely disappointed that the 6000 Nassar documents have yet to be released. Withholding these documents shows a lack of genuine care for survivors, opposing the principles MSU supposedly stands for. The fact that survivors have been calling for the release of these documents and they have been greeted by silence from MSU and the board is simply proving the narrative that the board and the university does not listen to survivors unless it benefits them. If MSU and this board claims that they are going to learn and do better, I implore you to please take action now. Release the documents and give the survivors on this campus a tool to help with their healing journey. My experience as MSU student body president has been limited but impactful, nonetheless. Being in any leadership role is difficult, and for those

who take them on it is no small feat, yet what's important in these roles is both taking accountability for one's work and their personal actions, as well as how they can be perceived, but also being vulnerable about how challenging the job can get. It's important for all of us as leaders of this great school, and the place that many of us call home, to continue to hold ourselves to a high standard with the work that we are doing, while simultaneously owning up to our mistakes. We work for the entire MSU community, putting in effort to do better every single day. Thank you for your time and I look forward to continuing these conversations in the future. Go green.

Hannah Jeffery, student liaison, presented the following report.

To all of the Board of Trustee members, good morning, I'm here today alongside the Graduate Employee Union members to bring an issue to your attention that has greatly troubled us. On Thursday, June 8 at 5:26pm me and the President of the Associated Students of Michigan State University received an email from Vice President Vennie Gore. The email informed us that, "We are asking the Board of Trustees to approve an additional \$80 per year to build a pool as part of the student recreational and Wellness Center Project. This would bring the total cost to students to \$340 per year. We would adjust financial aid for our most needy students to cover the change. Thank you for your continued support." I am grateful to VP Gore for informing us about the proposed fee increase, for answering any questions that I had about the fee on request, and for reaching out to other campus constituencies to obtain answers to our most pressing questions, such as, will pay increases commensurate with the proposed fee increases? How would financial aid adjustments be made? And what will happen if a student can't pay their fee because their paycheck hasn't come in yet? All of these are relevant questions. This is an excellent example of the kind of transparency that we have been calling for over the past year and I hope it will continue. Armed with the answers provided by VP Gore, I designed a survey intended to gauge the attitude that current graduate and professional students would have to the proposed fee increase. In the survey, I provided a full explanation of VP Gore's responses to my questions followed by questions about whether they would support the fee increase, whether the student lives or works off campus, and how they believe their perception of the MSU Board of Trustees, and MSU in general will change if the Board approved the fee increase. I emailed the survey to our constituents on Tuesday afternoon, and here are their responses. We collected a total of 322 responses, out of those 172 of them were confirmed to be a unique response from an MSU graduate or professional student, 129 of those students work on campus but live off campus, 37 work and live off campus, and five work and live on campus. Of those students, 90.2 percent said they did not support the \$100 increase to their yearly recreational and Wellness Center fee. Only seven people said that they would support more than a 25 percent increase to our current fees, and 75.5 percent of the respondents said that they did not want the fee to increase at all. By contrast, the Graduate Employee Union ratified during their last calendar year that they support the complete elimination of the fees, and I know that many graduate and professional

students would agree that this should happen. Lastly, a total of 83.7 percent of the respondents told us that if the fee increase was passed in its current form, that their perception of MSU would be negatively impacted. The graduate and professional students have never asked for this fee to be imposed on them, and with inflation causing us to make hard financial choices daily, we have had enough. We are calling on the Board of Trustees, if they have not already considered it and done so, to heed the voices of the graduate and professional students at Michigan State University and provide them with proper compensation or the option to opt out of these unfairly imposed, mandatory, and non-refundable fees. These fees are not a new issue. No referendum was proposed to inform graduate students or gauge their response to the proposed fees. Every year since they've been imposed, the Graduate Employee Union has had to remind MSU administration that teaching assistants cannot be forced to pay the Recreational and Wellness Center fee. Even though the GEU contract forbids teaching assistants from being forced to pay the fee, dozens of teaching assistants are still charged the fee accidentally every year. Since we have had a hard time getting graduate student voices to be heard in this situation, I will now provide a few anecdotes that graduate students asked me to share with you about their opinion of the fees. Quote, "The graduate students are the backbone of research at this university. The demands placed on us on a daily basis are enormous, and without our constant work, the university would crumble. It's extremely frustrating that administrators do not realize how limited graduate student budgets already are. An extra \$100 taken from the pockets of graduate students might make the difference between getting to see family once a year or not or being able to afford rent or repairs or dental insurance or food. And I can also attest to the fact that I recently had to have a procedure and I was worried that I would not be able to afford the \$118 that it would require to get my tooth filled. Please consider raising these funds somewhere else instead of putting a heavier burden on the most overworked and undervalued population on campus" unquote. Quote, "These unnecessary and unfair fees decrease the likelihood that professional students will donate to MSU after graduation" unquote. Quote, "The increased fee should be directly collected from students who use the facilities through some other scheme, as there may be some graduate students who do not use the facilities at all, in which case it would be unfair." unquote. Quote, "While I do not necessarily mind an increase in fees, it is frustrating that I will not likely see a benefit from that increase as I will have graduated. Mind you, the recreational facility will be finished in 2026, so some students that are now paying for this facility will never be able to use it. Additionally, students who do not live in or around the Lansing area or who are not in the Lansing area to go to school, like those in clinical rotations in a different city, like this one, or an MSU satellite campus without a recreational facility, should not have to pay the fees." unquote. Quote, "Fees cannot be increased if pay is not increased proportionately, i.e., indexed to inflation, international students are already having trouble securing places to stay because of the raising prices without fees being increased" unquote. Quote, "As someone who has courses in the Metro Detroit area only, comm student, this rec fee provides me with zero benefit, and is only another way my tuition is bloated. How do I opt out understanding that I would

forfeit my recreation opportunities, which are too far away for me to use anyway?" unquote. Quote, "If they raise our pay, then maybe I can support a slight increase in recreational fees" unquote. And, finally, quote, "I grew up near MSU and have been going to the IM sports facilities for a long time. I'm not going to lie, I almost committed to Princeton right when I saw their gym. Today as a current PhD student in the physics department, I go to IM East and West to work out, go for a swim, or play basketball with a few buds at IM Circle, and I know many people who use these facilities. Students doing their PhDs in STEM at MSU have all tuition aspects waived by their department, so the departments are the ones heading this cost. I am more than happy that this fee is being paid this way by these departments because I want MSU to have athletics facilities that compete with other schools in the nation, not some gym that stuck from the 80s. I think that the increase is fine for grad students and departments where their tuition and fees are basically paid by the department, because they're not paying for this IM fee out of pocket. However, grad students not in these departments should be barred from paying this fee out of pocket." unquote. The graduate professional students that we have surveyed have spoken; I would be more than happy to provide the rest of their responses, all 169 of them. Some of them support the fee, however, most of the respondents are calling for the following: no fees for students who will never be able to make use of these facilities, and/or tuition increases to compensate for losses to their salaries that they did not ask for. I would personally also encourage MSU to hold a formal referendum to ask the students whether they would support the proposed fee increase. This would provide the opportunity for the administration to have constructive conversations with our students, and in doing so, win the support of the graduate and professional students of MSU. By having these conversations, the board will have secured the future of the recreational and wellness facilities in a way that an imposed fee will never be able to achieve. Please always take some time to consider the graduate and professional student perspective in full before making a decision to approve fee increases. In addition, please help us find a way to alleviate the financial pain of our graduate and professional students now that this action has been taken. Thank you, and I would like to yield my time to the Graduate Employee Union representatives if they have something else they would like to say.

Hello, my name is Milo Sartanovic. I'm the Vice President of Contract Negotiation and Enforcement for the GEU. The Graduate Employees Union stands in solidarity with COGS. We know that grad students do not want to pay any mandatory non-refundable fees. Every year dozens of TA's contact us when MSU tries to charge them the rec fee in direct violation of the collaborative bargaining agreement. And, last November our membership voted to ratify a plan to keep MSU financially accountable when this occurs. Moreover, MSU's proposed increase to the fee would almost double it from one year to the next, a leap far greater than the 6 percent raise to the minimum stipend that the GEU wanted for all grad students going into effect this fall, a raise that still falls short of meeting recent inflation. So let students choose to pay for recreational facilities if they want, but do not burden

them and please do not vote to raise the existing fee without giving grad students a choice. Thank you.

Hannah Jeffrey, student liaison, provided additional remarks.

I would also like to say that COGS as a general rule stands with survivors. Go green.

Karen Kelly-Blake, faculty liaison, provided the following report.

Good morning, I believe it's still morning. Good morning. Happy Pride Month, and Happy Juneteenth. This has been an eventful year for the university. We welcomed two new trustees and a new chairperson. Additionally, the Quinn Emanuel report was released, although we are still awaiting the final cost assessment of that exercise. Moreover, we were deeply saddened by the tragic and inexplicable mass shooting on February 13. Vice President Lynch has been proactive in addressing inquiries regarding campus security upgrades, and we urge him and his office to maintain frequent and clear communication with the MSU community. The search for a new president is currently underway. Although the University Council proposal for faculty inclusion on the search committee was not accepted, we do believe that the faculty representation included will be an engaged group. Recognizing that this is a closed search, we continue to propose exploring ways of opening the search as much as possible, while keeping final candidate identities confidential. Engaging in such an open-ish process would engender goodwill, and prevent the ill will of introducing a surprise, tada, president. We encourage the MSU community to share their comments, questions, and concerns through the dedicated president search email address, which is presidential search, all one word, @msu.edu. We thank the board for taking steps towards professional development. The resolution we passed regarding this matter is being implemented, and we anticipate tangible outcomes from the short and long-term board training activities. MSU employees are deeply committed to excellence in all aspects of their work, and we commend them for their outstanding dedication to the university's mission. We expect the same level of commitment from the Board of Trustees. The university committee on Faculty Affairs has provided a clear, thoughtful, and evidence-based rationale for the faculty raise, with recruitment, retention, and equity as key considerations. Fair and equitable compensation is imperative for all MSU employees who contribute significantly to our esteemed institution. Providing fair compensation aligns with our strategic goals across various domains. Budgets are not just financial documents; budgets are moral documents. Therefore, if we are truly invested in attracting and retaining the best talent, and fostering a thriving and successful workforce, it is ethically and morally imperative to ensure fair compensation. This is the path towards sustained excellence. We do believe that the passage of this budget on this day signifies that compensation is indeed a priority for the board and for executive administration. Lastly, both Dr. Anthony and I will conclude our terms on August 16. Dr. Jack Lipton has been elected as the new chairperson, and Dr. Rebecca Malouin, has been

elected as the new Vice Chairperson of the Faculty Senate and University Steering Committee. Congratulations, Jack, and congratulations to Rebecca. We have high expectations for the transition in Academic Governance leadership. Academic Governance is a verb. It is the process by which the people affected by decisions get to participate in the making of the decisions. It is important work that we take seriously, and we embrace the opportunity to work in partnership on the challenging yet necessary tasks ahead. Thank you.

Chairperson Vassar provided the following remarks.

Thank you, students, thank you, faculty. I do want to remind us that we have an opportunity to comment on items germane to the board and so I think most people know that I'm very interested in hearing what folks have to say, particularly students and so, I would welcome you to sign up for comments, particularly GEU, in the months to come as you see fit. Thank you for lifting your voices. So, Grand Rapids, we are here because of one trustee who is from the west side. I'm also from the west side, but not like this one. Trustee Scott is a diehard west-sider, and she has been pushing us, and pulling us, and dragging us all the way to make sure that we come to the west side, and we have been treated so awesomely with the hospitality that exceeded our expectations. We thank you so much for your recommendation to come here for our board retreat. And I want to thank everyone who made it possible, like even seeing East Lansing here today, I mean, you all are troopers, you make the trek with us. Thank you so much for providing a service all the way over here on the west side. Thank you so much. The retreat has been really rewarding. I want to again, thank Dr. Anthony and Dr. Kelly Blake for your leadership in charging the board to retreat, and to develop ourselves and develop our board. And we've gone above and beyond what you asked, because it's been rewarding and enriching. We've learned a lot about one another these last couple of days and learned a lot about the board and how to function to our best capacity for the advocacy and the accountability of the university, which is all of ours, everyone who's sitting here. It's our aim to advance this university. Alright, so this has been really, really good, and I like these people and I like them even more after this short time in Grand Rapids. Our other focus for this retreat was to discuss the current efforts being carried out by the university to advance the Strategic Plan of 2023; whoops, I'm sorry, 2030. The strategic plans, as you all know, strategic plans can look awesome on paper and can sit on a shelf, and this University did a lot of work to develop that strategic plan and the board has been really committed to making sure that it's a living, breathing document and not something that just goes on the shelf and collects dust. And so, accountability to that plan was brought out during our conversations today, and we're impressed by the work being done across units in the university. We want to see positive significant impacts, and we have, and outcomes, and we're dedicated to carrying out the goals that are collective in terms of moving this university forward. One of the outcomes that was highlighted by Interim President Woodruff in her remarks today, pertaining to the outstanding national rankings of MSU graduate programs, needs recognition, right, we need to tell our own story of how awesome we are and how great we're doing

in our graduate programming. It's impressive to see, and I think I've talked about this before, supply chain, we've talked about African history, the wide range of MSU as a land grant institution in being the expert and the leader in certain so many diverse ways to me is, again, something that we should be touting and align with our strategic plan. Student success, faculty success, staff success, very important components of our strategic plan, and we are expanding not only the range, but the quality of our programming here at MSU. Based on the strategic plan, I was really heartened by that, the reports by different units. Another key initiative promoting the advancement of our strategic plan is MSU's investment in Detroit. I am a Detroit- well, if you're from Detroit, people know that you're from Detroit, right. I live in Detroit, there's a big difference. There's a big, big difference. But I live in Detroit, and I am invested in Detroit, and I've been, again, encouraged by this university being a land grant state university, right, it's to cover the whole state, and we do. In this commitment to MSU, I mean to Detroit, from MSU can be seen in the Fisher building that you talked about today, but then also in our partnership with health sciences and Henry Ford Health. I am so excited to sit on that board, and the last meeting we approved the construction of a new state of the art research facility that will expand research in cancer and health disparities. This partnership is representative of MSU's commitment to addressing inequities in health and will provide high quality services to medically underserved communities in the Detroit area. Apart from the research facility, this partnership assists in forming an innovation district in Detroit that will connect community, industry, and academia, as well as boost economic growth and opportunity in the area. I'm so proud of these initiatives and the impact that will have on the lives of Detroiters. In the Mackinac Policy Conference, we asked, the board asked, for a greater participation. What did, what did he say yesterday, Dr. Chu said, Sparticipation? That was the word that he used, Sparticipation at Mackinac, I liked that word. I'm gonna use it from now on. But we were able to, and I want to thank Kathy Wilbur and her team for getting us there and organizing us and having things for us to do and for us to make connections and be the advocates and the assets that you trust us to be for MSU. I thank you for your organization and your leadership. And we also were able to have a panel this year, which, again, based on our increased participation, we had a greater visibility, and I wanted to just have Norm, Dr. Beauchamp just talk about that panel. You would know better what to say then I would; sorry, but not so sorry.

Executive Vice President Beauchamp gave the following remarks.

One of the really important things about the tragic events of February 13 is what is Michigan State going to do to create a different future. As Karen Kelly Blake has talked to us about thoughts and prayers, they're important, but they're not enough. So, one of the wonderful works that has come out of two of the health colleges was attaining a grant, and it's called Prevention to Protect. And what this grant does is, it's a \$15 million grant, that allows us to put systems in place across our high schools and our middle schools, to be able to early detect and early intervene with individual students that are struggling, that are struggling. And no single school

has the resources to do this, but if we bring together regions across the state, we will be able to make a difference. And what was really inspirational about this is it started with a mother from Sandy Hook, and she talked about the tragedies of losing her daughter, but then she also talked about this little boy, who was lost, who grew up to be the individual who was the shooter. And in this effort, they've looked at 300 averted events and they've said let's learn from those so we can detect and prevent. And, what was wonderful in having the trustees involved in this and at the policy conference, is this is something that can be scaled, and we were very thankful that we got that \$15 million in support and ultimately, we see by setting up this center, we'll be able to connect other strengths across the university. So, it really sets the foundation, really thankful, and thank you for your presentation, Trustee Tebay, and the support of everyone in advancing this.

Chairperson Vassar continued her remarks.

This is a timely conversation we should all be having, and I'm grateful that MSU is leading this national discussion and this important work. Thank you for your work on this and your passion. Beyond the panel, I was just elated to be around so many Spartans who have passion for this university, a commitment to this university and contribute to making a positive impact in Michigan but also globally. I'm also heartened by Mr. Garza. I really do like advocacy, and you have been persistent. I don't know why you introduced yourself, we all know who you are. But I was really, really heartened by the budget, and I'm glad that we had an expected end. I do want to also echo what Dr. Karen Kelly Blake said about this budget; every budget is really indicative of your values and your morals. And so, I wanted to make sure that I say that we value you, all of the folks who make MSU run, and also that budgets have some of a little bit of fluidity within it, and so we heard you as well as graduate students. And so, I want to also just thank the staff, particularly at the Hannah building. I was there late, late one night which is not typical, I tried to beat the traffic home, but I was there late and I was able to speak to a supervisor who talked about what he's going through in terms of retention, in terms of attracting employees, and how you pay folks, how you show up for them, in terms of how they're able to make a living for themselves, actually makes a difference in how they do their work and how they feel about their work and then also the treatment that you receive. And, we had a conversation because he's on notice, he's kind of a little OCD, like me, like he's cleaning everything. I was so appreciative. So, I'm just, we had a long conversation. There are real challenges in the workforce right now and so, I want to be part of the solution; the board wants to be part of the solution in making sure that MSU feels valued and that we're retaining great, great people who are doing hard work. So, thank you for your, I don't know if I can see you, Joe. Thank you for your advocacy. And then finally, this is Pride Month, and this is also the month that we celebrate Juneteenth, and I will, along with Interim President Woodruff, be at Breslin this afternoon for the third annual celebration. I'm really grateful that we are taking that day off as a national holiday and that we are celebrating Juneteenth, it is the oldest holiday that commemorates the emancipation of enslaved black folks in this country, so we do

need to remember and celebrate that day. I also want to say that along with the Pride Month, we just have to be mindful that what we had that day was a declaration of emancipation. What we are still striving for is a realization of that emancipation, that work is not done. We still have a long road toward freedom, and these interlocking oppressions, right? Black folks are afflicted with LGBTQIA discrimination with health disparities, right? With literacy implications, right? There are all kinds of intersectionalities that we here at MSU, Dr. Vega kind of had that that sheet up there, that we here at MSU can make a difference in changing for the better, for Black folks to actually experience emancipation. And, I really am excited, always I'm grateful to be in this role, but I'm excited about the intentionality and the thoughtfulness and the courage to do work that addresses inequities that folks who are minoritized experience. So, as we celebrate Juneteenth, I want us all to remember that we play a role in either dismantling or recreating and reproducing harm. And so, you have to make a choice every day to use your skills and talents for good or to decide to do nothing, which is always then going to perpetuate harm. The diversity of this board, the diversity of MSU Spartans means that we can use our time, our talent, and we learned yesterday in that simulation or was it Wednesday, I don't remember the simulation. You've got to play your position, right? If you're on the oxygen, you got to keep pumping, right? Do what you do best to make sure that everyone else is free. And I appreciate you, Happy Juneteenth, Happy Pride Month. Go Green.

Vice Chairperson Kelly provided the following remarks.

Thank you. First of all, I want to echo the comments with regard to Grand Rapids. It's been a very productive retreat for the board. Everybody here, the west side Spartans, have been very accommodating. The accommodations were nice, the dinner was nice, and we found a little cigar bar that was pretty nice, too. But anyway, so I want to appreciate and thank everybody, including Brianna. Consistent with really a lot of what we've been talking about today, including the passage of the budget, was the investment MSU is making in our faculty, and I hope it's all recognized. So, I have a couple of points to make with regard to that. First, MSU combined 11 departments to create the new University Health and Well-Being division. The new structure will provide more effective administrative support and a coordinated approach to health and well-being. Next, to amplify the recognition of our esteemed faculty and staff, MSU hired two honorific coordinators to identify, encourage nominations, and support units throughout the nomination process for prestigious awards and their respective areas of expertise. Finally, as previously announced, MSU has invested over \$36 million in base funding for faculty and academic staff salary and benefit increases in fiscal year 2023 and 5 million in strategic retention. We value our faculty and are living our commitment to their success through strategic investments. With regard to specific faculty, which is always fun for me, the board thanks all of our faculty for a successful completion of the academic year. We wanted to express our appreciation for the incredible work from our faculty that makes impactful educators, both in and outside the classroom, while making discoveries and contributing to the and

impacting society locally, nationally and globally. Work like Adam, or I'm sorry, Aman Yadav, Professor of Educational Psychology and Technology. Yadav leads the implementation of the first year of the CT for EDU program, a National Science Foundation funded educational program focused on bringing computational thinking into the current elementary curriculum. Only in its first year, there are already 20 elementary schools and Kentwood Public Schools have implemented it. Additionally, I want to congratulate Ehsan Ghane for receiving the MSU Extension Innovative Technology Award. Ghane is an Assistant Professor and Extension Specialist in the Department of Biosystems and Agricultural Engineering. He uses his innovative drainage designs and technologies to teach drainage design for crop production and water quality protection. Recently, College of Human Medicine Professor Andre Bachman and two Cornwell Health physicians have been named the 2023 innovators of the year for their discovery of an unknown disease and it's effective treatment. I'm glad they didn't put in the name of the disease, I'm sure it's complicated. Their work helped diagnose an unknown syndrome in a three-year-old receiving care at the Helen DeVos Children's Hospital. They received the award on May 10, 2023, from the New York Intellectual Property Law Association. Finally, last month, Bruce Wolf, Assistant Dean for the MSU College of Osteopathic Medicine Macomb University Center site and Associate Professor of the Department of Radiology within the college, was named the recipient of the 2023 Walter Tenge Medal of Public Service, the highest honor for MSU's College of Osteopathic Medicine. And, that concludes, thank you.

Trustee Byrum provided the following remarks.

Thank you. I want to reflect just a little bit about our time here in Grand Rapids. Now, the Board did participate in a simulation; I had real doubts going into it as a cardiac arrest patient in it. This was largely a board group, but I want you to know that we played our roles and our patients survived. So, that was, that was the good news there. But what really struck me with interacting with the students was not only the quality of the students and their passion, but it was a real awareness that we are educating future doctors that will be in Michigan. These are largely the students I interacted with, because I asked them all where's your hometown, and they're Michigan kids, for the most part. And we know that the students we educate, whether it's College of Human Medicine or Osteopathic Medicine or Engineering, for that matter, they stay in our state, and that's part of our whole land grant mission. So, I wanted to share that. And also, Dr. Mary Finn, who is finally retiring, I wish her the best because she tried to retire, I think it was two, two and a half years ago. And, because of her love for MSU, she stayed on to give stability to the College of Social Science when her family moved south. And so, I really appreciated her love of MSU to stay on for two years, and I wish her nothing but the absolute best in her retirement. And then, Rebecca Campbell and Andrea Munford for all of the years they showed leadership at a time that Michigan State really needed leadership in RVSM, trauma-informed decisions, and they interacted with the board on multiple, multiple occasions and they were a true asset, so I thank them for their work. And then, Dr. Karen Kelly Blake, thank you for your

service, it's been my pleasure to get to know you a little bit better, and I really appreciate your service. So, we talked about the strategic plan. We're living our values of the strategic plan and the budget, and many of my colleagues have talked about that, I want to just briefly touch on sustainability. Michigan State has moved up in the rankings in sustainability. So, we moved up seven spots. So, we are 26 internationally, second nationally, we are the only college in Michigan to rank in the top 30 and the only college in the Big Ten to rank in the top 30 spots. So, that speaks to our land grant values. We have made announcements and investments in expanding our electric vehicle fleet to 370, I think is the number over the next decade. And, then we have 12 electric vehicle scholars, Spartans, that in partnership with MEDC, that will qualify for up to \$10,000 in a grant. And, they also have internships, and co-op opportunities. So, those are just some examples of how we are living our sustainability pillar within our strategic plan. So, with that, this will conclude my comments today. Thank you.

Trustee Denno provided the following remarks.

Thank you, I want to thank everyone here in Grand Rapids for being so welcoming. I want to thank Trustee Scott, for pulling us down here, great idea. I've always respected this community for your philanthropy, and I also appreciate you welcoming Michigan State into your community. I want to again, thank everyone from law enforcement, who is here, for everything you do for our community. I just want to very; very quickly explain why I abstained on the Wellness Center. We as trustees had the option, four different options presented to us, and we pick the smallest or lowest cost one, and I'm just kind of frustrated with that in the sense of I think Michigan State University students deserve better, I think we can do better. This administration always finds funding for their pet projects, and I just kind of wish we could take a step back and see if we could find funding on this. I'm also frustrated that we've gone to the former swim and dive team and their supporters and asked them for approximately \$26 million to fund this. And, Hannah, I hear your frustration too, and COGS frustration too. So, that was why I abstained on that vote. Thank you.

Trustee Knake Jefferson provided the following remarks.

So, I will join the chorus of thanks to the Grand Rapids community. As a trustee, this is the second time I've come out as a trustee in that capacity, and it looks amazing. In the three years or so I've been on the board to see additional changes and things growing and improving. And, I also have a takeaway from the simulation, I now know what to do with the defibrillator that we see everywhere in the malls with stores and on the airplanes. I hope I never have to actually use it. But it was a really impactful opportunity, both to actually learn and see what it is like to be a student, to meet the students, and also have that turn into a team building opportunity for us as well. And so, and I will also say thank you to Kathy Wilbur and her whole government relations team for the effort on the Mackinac Policy Conference. Their extensive work in helping us make connections, it was

very evident to me that they had been thoughtful in how we, as Michigan State, helped to contribute to the theme there, which was a theme about a proposal and bringing together partners to have conversations across the state. That's what we do best, I think. And so, this was another opportunity, of course, being here in Grand Rapids. I also want to comment on the strategic plan. It's part of my contribution to those talking points, is to share yet another aspect of our strategic plan that we discussed and considered and really are measuring and assessing. It was something that was very important to the Board of Trustees when we were a part of the strategic plan process. And, one of the things that was really important to us was a way to measure how we're doing along the way, and you've heard from my colleagues already concrete, tangible items that we can look to, it's not just a plan that sits on the shelf, but we can actually start checking boxes, and I'll add to that very long list you've already heard with respect to our strategic plan on diversity, equity, and inclusion efforts. And just mentioned a couple of really key initiatives that happened in the past year. One is the revised religious observance policy, which is an important step toward improving student and employee experience. This policy provides accommodations for students who miss classes for religious days and provides employees with two observance days as personal time that they can use flexibly based on their own desire. And, I'm really pleased to say that this policy change was initiated due to a recommendation from a diverse committee consisting of MSU students and faculty and staff in an effort to increase inclusivity on campus. And then additionally, something we all know, right after our April board meeting, MSU broke ground on a very much anticipated freestanding multicultural center. It's a \$38 million building set to open in fall of 2024. And it's one of the university's strongest commitments to fostering an environment that encourages intellectual curiosity through learning and sharing experiences. And then I know you think I'm going to conclude my remarks with this shout out, because I used to be on the law faculty, but I promise that's not true. It's because you can't ignore the fact that our law faculty has been all over the headlines this week in very different ways. And, if you did not hear the 10-minute piece on National Public Radio, about Professor Justin Simard's work, he worked with a team of students and researchers to end the reliance by judges and courts on legal decisions that involve enslaved people who believes that that is not a proper basis for decisions going forward. And so, if you did not hear that you should listen to it. And then yesterday two professors on the law faculty had been heavily involved in a case that was won at the U.S. Supreme Court case for it, and were known as single, were representing tribes that had intervened in a decision that you might have heard about yesterday where the Supreme Court upheld the Indian Child Welfare Act. It's extraordinary to even have a case end up at the Supreme Court. Thousands of people petitioned the U.S. Supreme Court, less than 100 cases ever make it there. Even more extraordinary to have such an important case and the decision come down the way that it did and to have our faculty behind it. I wasn't surprised, but really exciting to see more examples of the scholarship of this faculty that has real world impact.

Trustee Tebay provided the following remarks.

I have a lot of talking points, but I'm unfortunately not going to bring it up because it's after noon and I'm sure all of us would like to go home at this point. But I do not want to not read names of students that have been identified for me to read because there's some pretty remarkable things that they're all doing. So, I apologize, I didn't get phonetic spelling on mine, like Dan did. So, I'm gonna do my best with some of these names. But I want to congratulate Ruby Mendoza, they're a Ph.D. candidate in the Department of Writing Rhetoric and American Culture, for winning a national award in recognition of their remarkable work in the field of queer theory. They are one of two recipients nationwide to receive the 2023 GLORIA Anzaldua Rhetorician Award. Mendoza's work focuses on the application of and liberation for Black Indigenous and People of Color communities. Roxie Sproul was named the 13th Udall scholar to be named from MSU. The Udall Foundation awards scholarships to college sophomores and juniors who demonstrate leadership skills, public service, and dedication to matters pertaining to Native Americans' nations or the environment. Sproul is an Honors College student majoring in social work with minors and race and ethnicity of the US, as well as American Indian and Indigenous Studies. Abby Struble was named Emerging Leader Institute Scholar by the American Academy of Family Physicians Foundation. Struble is a second-year student in MSU's College of Osteopathic Medicine and is one of 30 medical students and family medicine resident physicians to be selected nationwide. Throughout the upcoming year, Struble will be assigned a track where she will interact with family medicine physicians and acquire valuable experience in her career. Aaron Zynda, a doctoral student in the Department of Kinesiology, is the recipient of the American Kinesiology Association's National Doctoral Scholar Award. Since 2014, The award has been annually recognized the top doctoral kinesiology student in the nation by way of leadership and academic record. And Jai Kozar-Lewis, a first-year student majoring in supply chain management, has been named a 2023-2024 Newman Civic Fellow by Campus Compact. The fellowship recognizes and supports community committed students who are actively working to make positive changes to social, political, and environmental issues affecting communities. And lastly, Andrew Hendren, a finance and psychology double major, is a 2023 winner of the James D. Standish Award. The award is presented each year to an outstanding Evans Scholar. So, I just want to congratulate a few of our amazing students that we have here at MSU.

Trustee Scott provided the following remarks on behalf of Trustee Pierce.

Trustee Pierce, she lives a fabulous life, so this is awesome for me, all right. So, she sends her regrets that she's not able to give her own comments today. She will be back though. For University Advancement, she would like to give special recognition to Kim Tobin, Vice President of University Advancement, and the entire Advancement team for their continued and fruitful fundraising efforts that contribute to the strategic goals and the success of our students, faculty, and staff. University Advancement continues to see growth in the numbers of our MSU donors and has achieved a 25 percent increase for first time donors this year. Yay. Donors

continue to have confidence in the future of MSU as evidenced by strong a year in long term commitments. Made via estate gifts, University Advancement also has exceeded their planned gift giving goal by over 40 percent. The ACPA president, she wants to give a shout out to Heather Shea, director of the Women's Student Services in MSU's Division of Student Life and Engagement, who assumed the role of the 83rd president of the American College Personnel Association College Student Educators International in March. Dr. Shea is the first ACPA president from Michigan State University. The association includes on average 1,200 private and public institutions, represented by 9,500 members ranging from student affairs employees to companies working in the campus marketplace and graduate and undergraduate students, to campus administrators. So, that was the report for Sandy.

Trustee Scott provided the following remarks.

All right, and I'm gonna be the opposite of Trustee Tebay who wants to get you guys out of here because guess what, I always have the longest drive and today I don't, so I don't care, no, I'm just kidding. I'm kidding. All right. So, I'm super ecstatic about being here in Grand Rapids, and before I get started in my comments, I wanted to give a shout out. I don't know Joan Secchia is still here, Is Joan here? Did she leave? Alright, so she left but I just wanted to give her a shout out. This facility is absolutely amazing, and I just wanted to thank her and her husband for the gift so that we can have this remarkable facility. I did want to recognize two Trustee Emeritus. Is Dee Cook, who's one of my faves, is she here? Trustee Emeritus Dee Cook? I don't know. I saw her at some point. Is she, oh, she's here, stand up. Dee Cook. We love you! And, David Porteous, I don't know if they're here, but we're in their backyards. This is so exciting that they were able to join us today, so just wanted to recognize them as well. I wanted to just give a shoutout to the unsung hero of a very successful retreat, and that is Stefan Fletcher and Jackie VandenBosch, we had an amazing, and Mike Zeig. Stand up Mike Zeig, and Jackie, and Stefan wave your hands. So, I'm getting a lot of the credit. I did kind of whine a lot about coming to West Michigan, but the grunt work of the success of this retreat really goes to those behind the scenes, and I just wanted to recognize you both for all of, I'm sure, the tireless work and effort. It was indeed successful. I wanted to also as well acknowledge the, I think it's Dean Sousa, Dr. Emery, as well as everyone that worked in the simulation center, all of the faculty, the staff, the students that were part of the simulation. I know that Dr. Beauchamp as well had a lot to do with that. And, I'm not going to cry, but I did ask for the box of Kleenex in case I did. So, I had a brother who died of a sudden cardiac arrest at age 24 while he was playing basketball, like literally fell out. He was a, had a 8-pack, very athletic. It was just devastating to my family, and the importance of yesterday for me just to be able to learn what we are to do, so that we can have successes like Damar Hamlin and others who are able to survive. That wasn't there for my brother, the people panicked, they didn't know what to do, and he died. And so, it was very emotional for me, but also, for me, I was very proud to have learned so that I can act appropriately in the event that someone else has a someone they

love that this happens to and so and our person did survive. I mean, I was getting tired, and my teammates Dan and Dianne, they were making sure the person could breathe and Renee made sure that the AEDs were on, and we were good, like, I felt so accomplished after that. So, thank you all for giving us that opportunity, too. It was team building, but also in a way to learn in a way that will hopefully help us in the future. Hopefully, we won't be in that situation when we, if we are we're gonna know what to do. So, I wanted to thank you all for that. I wanted to also thank Kathy Wilbur. I had never gone to the Mackinac Policy Conference, and despite the fact that, I am in political office, I just don't like politics. And so, I did not really think that I would enjoy it or really have fun, and I did, and Kathy, you did, as has already been recognized. You and your team went out of the way to make that a success. I loved the swag. I loved seeing my colleague, Dr. Rema, as well as Dr. Beauchamp, as well as our Interim President on the stages that they were on representing green and white, and it was pretty. I think it was a bragging point for me that most of the speakers there had some kind of connection to MSU, so that was something to be, you know, prideful about, I was very happy. So, thank you, Kathy Wilbur and team. I wanted to also give a shout out to another person. Well, maybe he's not unsung, but I don't know if people recognize the behind the scenes work that goes into being the chair of the Presidential Search Committee, and so I wanted to shout out Dennis Denno, because Dennis, I mean, he has really taken this by the reins and gone above and beyond to actually get to know each of the search committee members that take the time, make that effort to know what they're looking for, and he has really taken a lot of time outside of that to help us with our prospectus and a lot of the dealings with our Presidential Search company, Isaacson Miller, I just wanted to thank you for your leadership, Dennis, in that. And then, I wanted to also thank our chair, who also had a lot to do with what we did here in in working on ourselves as trustees. And so, one of the things that we did was to take some time to learn who we are as individuals, and, you know, I always have known I'm the oddball, but it actually was proven that I am the oddball on this board here, but be that as it is, the strengths that we each have and the purpose for which I feel God has each of us here because we are Ying to Yang's, and I think collectively, we make each other better and make this university better. And, I just want to thank Rema for, and probably Stefan had a lot to do with that too, the thoughtfulness and having us do that because I think that the work that our Faculty Senate, and everyone is saying that we need to do, really began a little bit ago, but I think it really came to light in what we're learning about ourselves and how to deal with each other and who we each are and so I appreciate that. So, thank you so much for that as well. All right, so then I've got my comments. See, I told you I don't have a long drive. So, being a West Michigan native, I have enjoyed seeing the impact that MSU has in the Grand Rapids area, and Muskegon. Here are just a few highlights. This fall there are 519 students from Kent County planning to become first year Spartans. That's an increase of 57 students, and recent data released by the state said that MSU is a top destination for Grand Rapids area students. Yay! Nearly 2,400 of students enrolled at MSU are from Kent County alone, that's pretty significant. Grand Rapids is home to one of the greatest and most philanthropic alumni in the country, and that is the West

Michigan Spartans, and we also have our Lakeshore Spartans in Muskegon, and in the past year, we have witnessed an astounding number of Grand Rapids alumni who have generously contributed to MSU. This outstanding achievement reflects the deep dedication and commitment that they have to the future success of our university. And with four endowed scholarships and outstanding junior awards scholarships, the club is responsible for \$70,000 in scholarships for students that come from this area in 2022-23 school year. In my hometown of Muskegon, we have 320 current Spartans and counting, and we're going to keep going up, as well as there's 2,641 alum that contribute to the local spending and investing in that community by \$10 million in local businesses. And, perhaps MSU is most known for our medical presence in West Michigan. MSU is proud to improve care and lead in the healthcare innovations through our remarkable partnerships with health systems like Corewell Health, our groundbreaking research happening here in the state of art equipment, like our total body PET scanner, the first in national clinical use, but what folks may not know about is the long-standing commitment to partnerships with the community. MSU Extension, who I'm sure all of you are very familiar with. Kent county agriculture is the third largest apple producing county in the United States with research-based information. Addressing student mental health through the three-year 144,000 Steelcase Foundation, that's West Michigan too, MSU Extension conducts a teen Mental Health First Aid Program with 42 students at Crossroads Alternative High School in Grand Rapids graduated from the program just last year, and Ag Bio Researches West Michigan Research and Extension Center which opened in 2021 in Hart, that's Oceana County just north of my home in Muskegon, is founded by stakeholders including Peterson's farms and the Michigan Tree Fruit Commission, which serves tree fruit growers of Oceana, Mason, and Newaygo counties. Their 68 acres of farmland specifically designated to help better understand the soil and microclimate specific to West Central Michigan. West Michigan Research and Extension Center staff focus their efforts on tree fruits, apples, peaches, pears, tart cherries, as we heard about, and sweet cherries, which I love, and asparagus, which I'm sure we all love. Our West Michigan presence is extensive and our roots in this community run deep. During the trustee tour yesterday, we had an opportunity to tour MSU's medical facilities in Grand Rapids. We visited medicals, or we actually visited but we also participated in simulation, and that was thanks to Dr. Emery. And is he here now? Okay, well, I was gonna have him stand up. In other honorary positions that were part of our day, we also had a chance to explore the bridge. And how many people in here are familiar with the bridge, because it's a pretty amazing facility? Dr. Gage, I know you got- of course you do. Well, you've got to go because there's also this great golden doodle named Penny that you'll get to meet if you go to the bridge. It is an incubator space for rapid entrepreneurial growth in the region that launched in January of this year, and it currently serves 12 companies in the region with mentorship and assistance with business and marketing plans. So, these are our innovators. Special thanks to Kyle McGregor for an excellent visit yesterday and an explanation of all the ways we are fostering a growing startup community in Grand Rapids. I also wanted to highlight MSU's partnership with Bold Advance Medical Future, BAMF, which taught us about yesterday and the space, which we

also visit is located within the Doug Meijer Medical Innovation Building and has some of the world's most advanced precision cancer treatments. The new technology is the first in Michigan and in the country and provides care to patients with fourth and in-state prostate cancer through total body pet and CT scan, the fastest in the country. And I think that's also in partnership and kind of spearheaded with Doug Meijer, is what we learned yesterday. And in closing, but it's not going to be my closing, it is an honor to have MSU be a part of historical steps towards the advancement and innovation of the medical field, and it's exciting to be able to share my home, my backyard, with colleagues on this board and an even greater opportunity and pleasure to represent my fellow West Michigan residents on this board. It's been an honor. But I did forget to talk about we did also a tour of Frederick Meijer Gardens, and it is really an amazing facility. I wish to thank whoever came up with you know taking us on the tour. I just had a problem, and this is why I'm bringing it up and Trustee Tebay knows I'm about to say this. They towards the end of our tour had some maize and blue stuff, looking like a marching band as you marched on in, and so, Spartans, we need to think of how we can also contribute to Frederick Meijer Gardens something that is innovative and I would think speaks to us being a land grant, perhaps the seed as Trustee Tebay talked about that will sprout out of the ground, some kind of sculpture, but we need to put our heads together, because that was, you know, the end of the tour and we want people to not leave on a sour note, right? All right, go green go white.

14. Request to Adjourn

On a motion by Trustee Pierce, supported by Trustee Vassar, **THE BOARD VOTED to adjourn** at 12:20 p.m.

Respectfully submitted,



Stefan Fletcher
Secretary and Chief of Staff of the Board of Trustees

From the bench to the community: A community partnership approach to work on health disparities

Irving E. Vega, PhD

Red Cedar Distinguished Faculty

Associate Professor

Department of Translational Neuroscience

College of Human Medicine

vegaie@msu.edu

MSU Board of Trustees June 16, 2023

People-centered research philosophy

Focuses on improving communities' health outcomes, social justice, and participatory decision-making through developing, sharing and applying new knowledge

Alzheimer's Disease



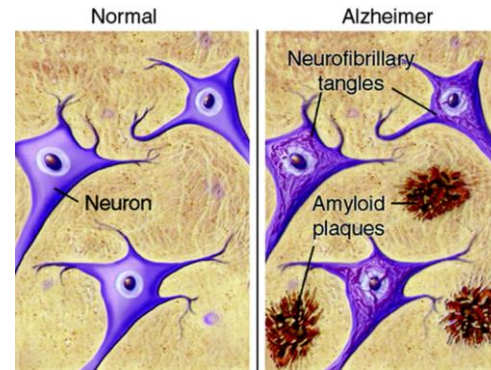
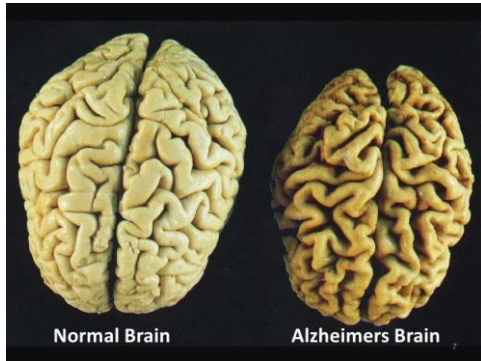
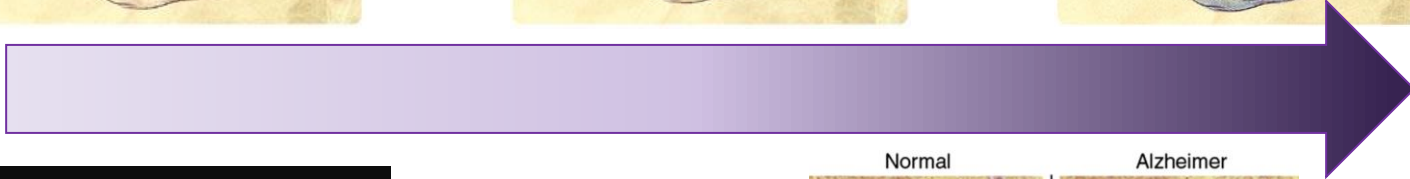
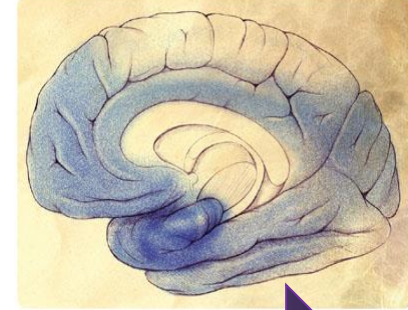
Alois Alzheimer

“I have lost myself”



Auguste D.

Alzheimer's Disease



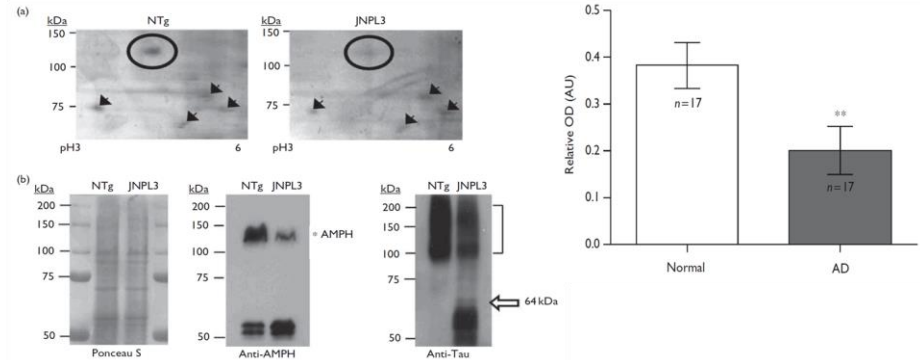
Identification of proteins associated with pathological tau

Quantitative Proteomics



Amphiphysin-1 protein level changes associated with tau-mediated neurodegeneration

Héctor J. De Jesús-Cortés^{a,c}, Carlos J. Noguera-Ortiz^b, Marla Gearing^d, Steven E. Arnold^e and Irving E. Vega^{a,c}



Identification of proteins associated with pathological tau

JOURNAL OF NEUROCHEMISTRY | 2008 | 106 | 96–106

doi: 10.1111/j.1471-4159.2008.05339.x

A novel calcium-binding protein is associated with tau proteins in tauopathy

Irving E. Vega,^{*,†} Edwin E. Traverso,^{*} Yancy Ferrer-Acosta,^{*} Eduardo Matos,^{*} Migdalisel Colon,^{*} John Gonzalez,[‡] Dennis Dickson,[‡] Michael Hutton,[‡] Jada Lewis[‡] and Shu H. Yen[‡]




Received: 20 February 2021 | Revised: 11 August 2021 | Accepted: 9 September 2021

DOI: 10.1111/jnc.15517

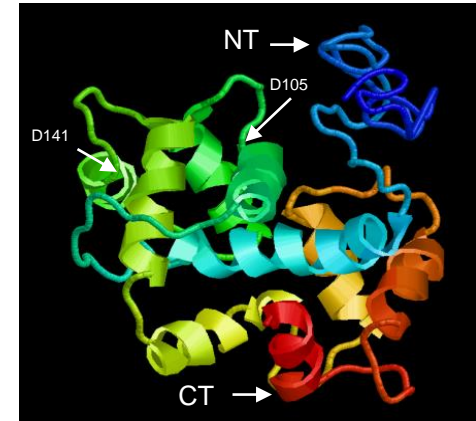
ORIGINAL ARTICLE

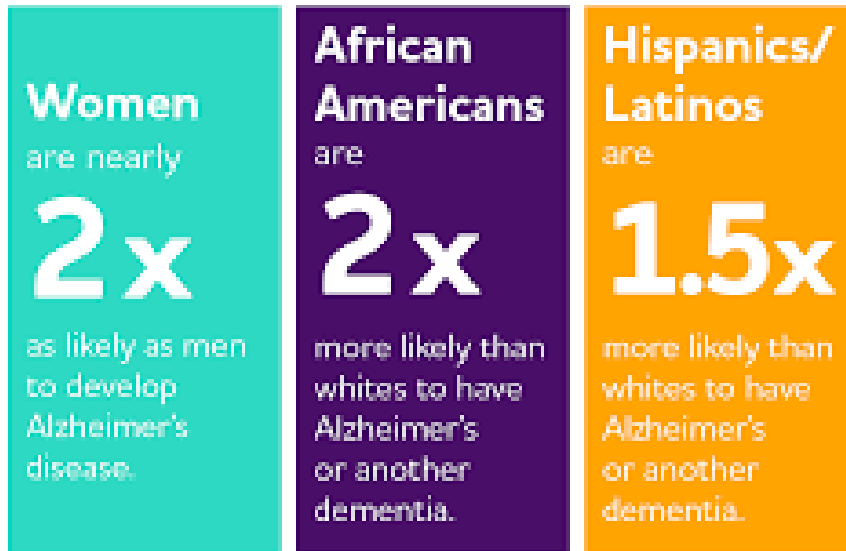
Journal of Neurochemistry **JNC** The Official Journal of the International Society for Neurochemistry WILEY

EFhd2 brain interactome reveals its association with different cellular and molecular processes

Ahlam S. Soliman^{1,2,3}  | Andrew Umstead^{1,4} | Tessa Grabinski¹ | Nicholas M. Kanaan^{1,2,5}  | Andy Lee⁶ | John Ryan⁶ | Jared Lamp^{1,4} | Irving E. Vega^{1,2,4,5,7} 

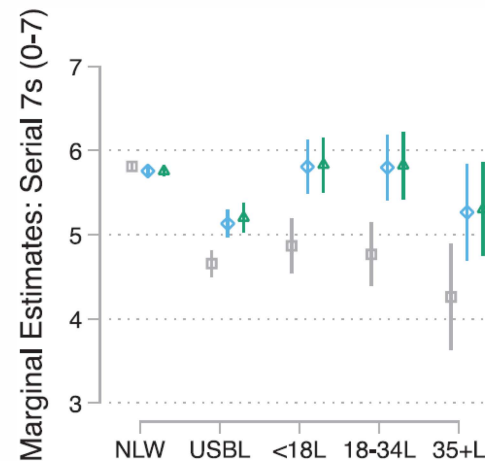
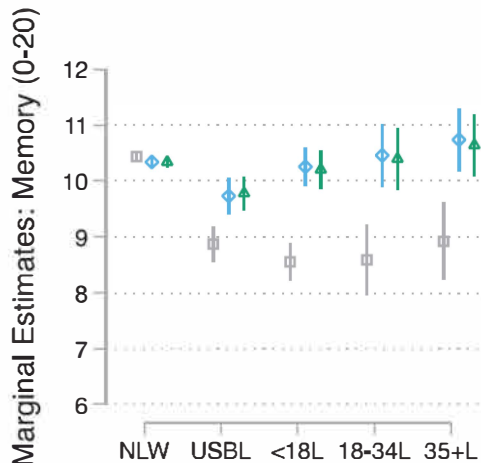
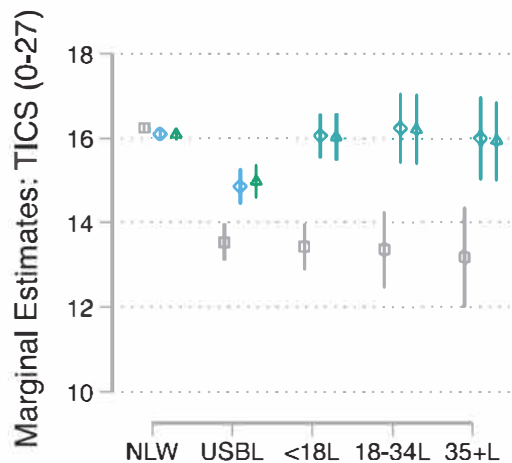
EFhd2





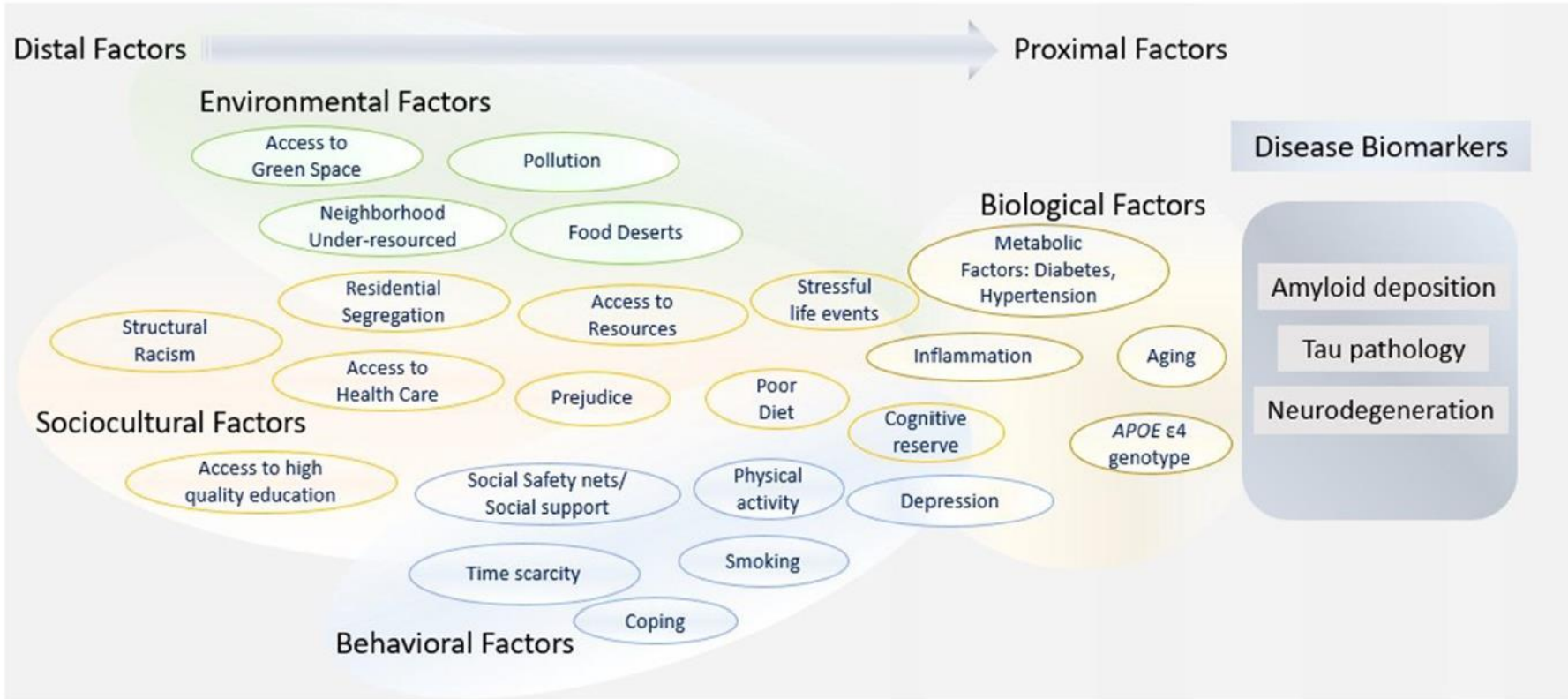
Age of Migration and Cognitive Function Among Older Latinos in the United States

Marc A. Garcia^{a,*}, Kasim Ortiz^b, Sandra P. Arévalo^c, Erica D. Diminich^d, Emily Briceño^e, Irving E. Vega^f and Wassim Tarrat^{g,*}



□ Age, Sex Adjusted ◆ + Edu Adjusted ▲ Full Adjustment

The Vicious Cycle of Inequality



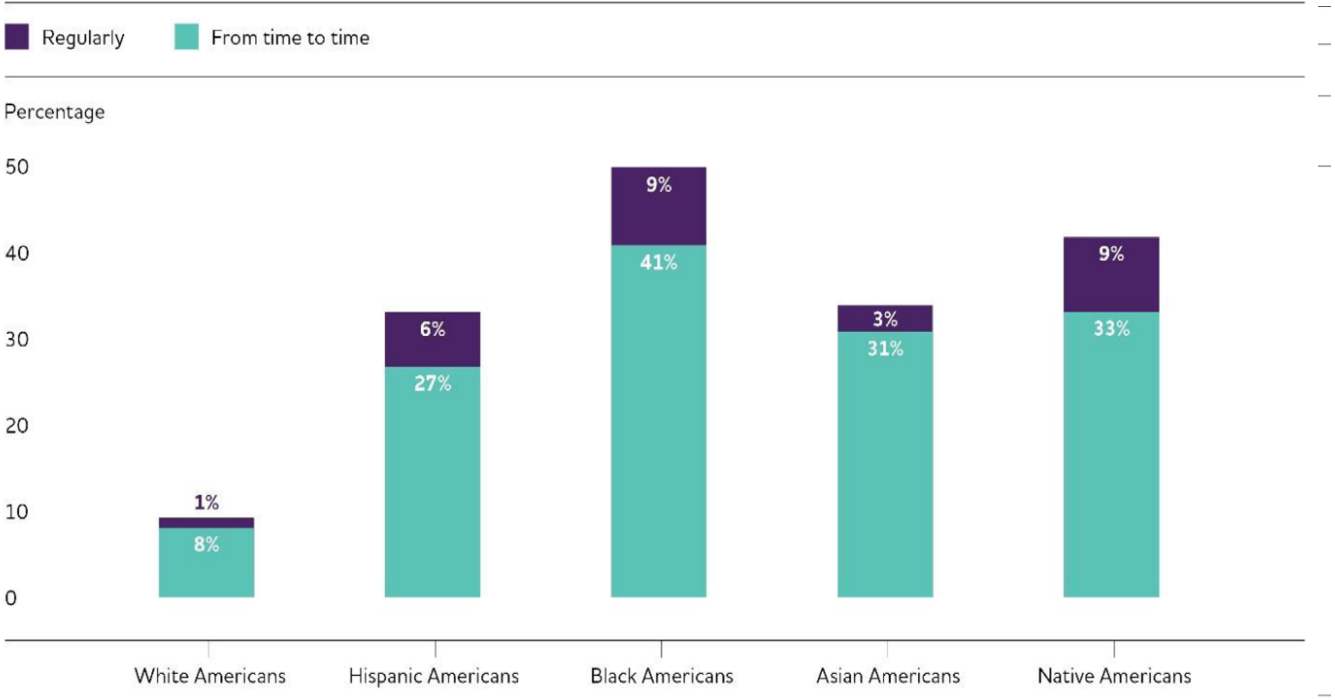
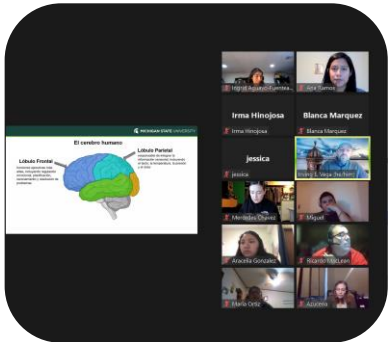


FIGURE 18 Percentage of U.S. adults who have experienced racial or ethnic discrimination when seeking health care

Source: Alzheimer's Association 2021 Alzheimer's Disease Facts and Figures.

Community Engaged Research





Translational Neuroscience
College of Human Medicine

[About](#) [People](#) [Research Groups](#) [Resources](#) [Prospective Trainees](#) [News](#)



[Home](#) / [Prospective Trainees](#) /

Bridge to PhD in Neurosciences Program

An NIH-funded ENDURE program

Program Overview

ENDURE (Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences) is a series of interrelated programs designed to develop students for PhD programs in Neurosciences, Biomedical, and Behavioral Sciences. The program is designed to develop students' interest and success as graduate scholars in PhD programs. Our future scholars have the opportunity to perform research at a lab with biomedical and/or behavioral areas, with interest in learning underlying neural mechanisms of these. The program provides room and board, travel expenses, stipend (\$4,500) and health insurance during the summer program. Students completing the fall semester at MSU receive these benefits as well as tuition for their fall courses.

[Learn more about the program](#)

Meet the Scholars

Summer 2022 Cohort



NCCU Graduate Makes History as First Eagle to Pursue Neuroscience Ph.D. at Yale

By Ariel Germain, Division of Student Affairs director of marketing and communications
Posted May 03, 2023, 3:48PM



News

Netanya Dennis, a BPNP Summer 2022 alumni, was accepted and will be attending Yale University's doctoral program in Interdepartmental Neuroscience. [Learn more](#) and [hear about her experience](#).

Jesús Rosario, a BPNP Summer 2022 alumni, was accepted and will be attending the MD-PhD Program (MSTP) at the University of Cincinnati and Cincinnati's Children's Hospital.

Yanilís Rodríguez Velez, a BPNP Summer 2022 alumni, was accepted and will be attending the Ph.D. in Clinical Psychology at Ponce Health Science University.

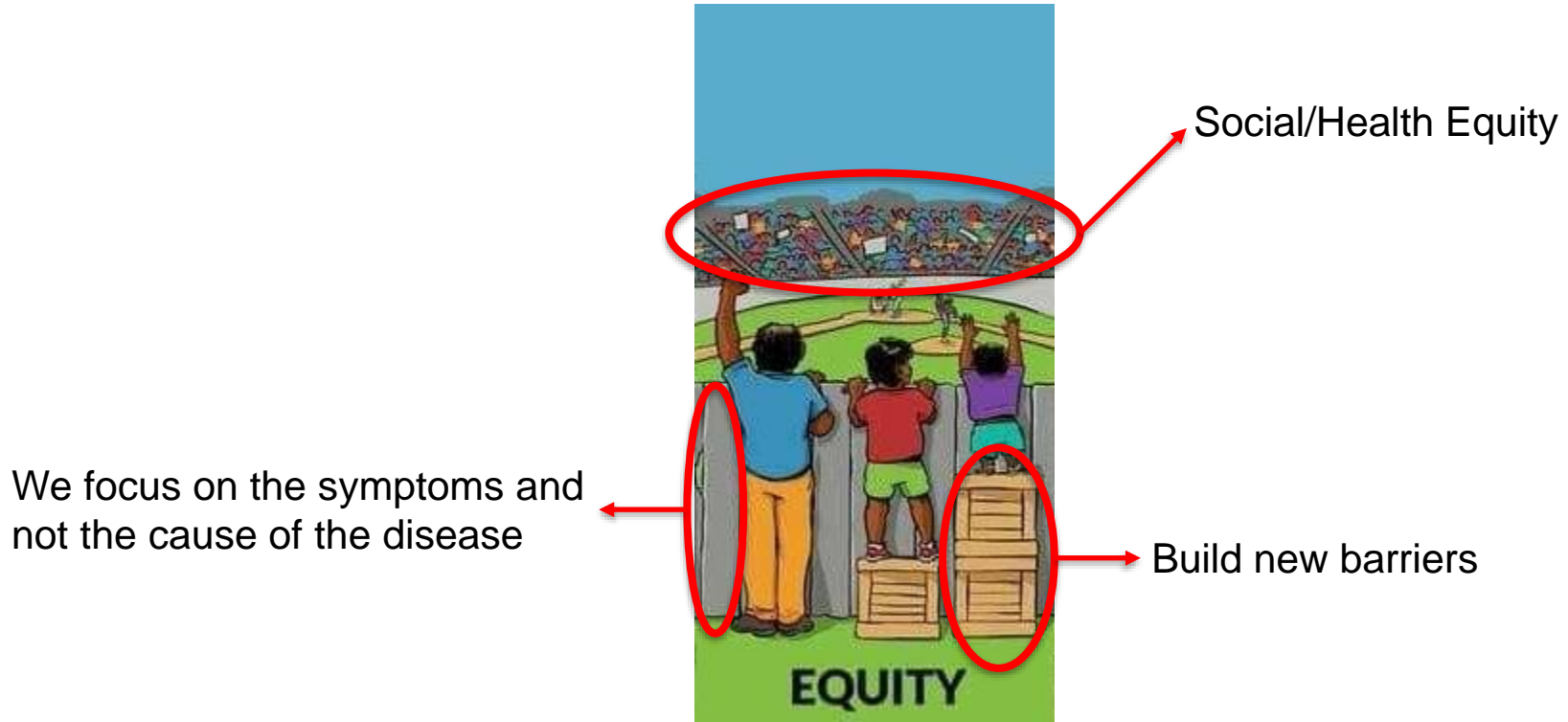
Stephanie M. Hernández, a BPNP Summer 2022 alumni, was accepted into the Neuroscience Graduate Program at the Ponce Health Sciences University (Puerto Rico). She was also selected into their RISE program, which provides her with a fellowship for the first three years.

Priscilla Coriano, a BPNP Summer 2022 alumni, was just accepted to the BioMolecular Science PhD Program at Michigan State University.

Questions?



Asking the right questions: The path to Equity and Justice



**The following actions which include the
award of tenure are recommended to be
effective July 1, 2023**

Promotion to Associate Professor, Effective July 1, 2023			
10002000 - COLLEGE OF AGRICULTURE AND NAT RESOURCES			
Professional Name			
McKendree, Melissa G.S.	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	
Kendrick, Tasia	ANIMAL SCIENCE DEPARTMENT ANR	ANIMAL SCIENCE DEPARTMENT ANR	
Huang, Wen	ANIMAL SCIENCE DEPARTMENT ANR	ANIMAL SCIENCE DEPARTMENT ANR	
Wang, Yuan	ANIMAL SCIENCE DEPARTMENT ANR	ANIMAL SCIENCE DEPARTMENT ANR	
Bessette, Douglas Laurent	DEPARTMENT OF COMMUNITY SUSTAINABILITY	DEPARTMENT OF COMMUNITY SUSTAINABILITY	
Chung, Henry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ENTOMOLOGY AGRICULTURE AND NATURAL RES	
Wetzel, William Carroll	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ENTOMOLOGY MABR, INTEGRATIVE BIOLOGY
Strakovsky, Rita S	FOOD SCIENCE AND HUM NUTRITION ANR	FOOD SCIENCE AND HUM NUTRITION ANR	
VanBuren, Robert T	HORTICULTURE ANR	HORTICULTURE ANR	
Lebeis, Sarah Lydia	PLANT SOIL AND MICROBIAL SCIENCES	PLANT SOIL AND MICROBIAL SCIENCES	MICROBIOLOGY & MOLECULAR GENETICS CNS
Merewitz Holm, Emily B	PLANT SOIL AND MICROBIAL SCIENCES	PLANT SOIL AND MICROBIAL SCIENCES	
Nubani, Linda	SCHOOL OF PLANNING DES CONSTRUCTION ANR	SCHOOL OF PLANNING DES CONSTRUCTION ANR	SCHOOL OF PLANNING,DES&CONSTRUCTION-CSS
10004000 - COLLEGE OF ARTS AND LETTERS			
Professional Name			
Schuster-Craig, Johanna Elizabeth	LINGUISTICS, LANGUAGES, AND CULTURES	LINGUISTICS, LANGUAGES, AND CULTURES	
Smith, Daniel T	THEATRE	THEATRE	
10006000 - ARTS & HUMANITIES, RESIDENTIAL COLL IN			
Professional Name			
Thobani, Sitara	RESIDENTIAL COLLEGE ARTS & HUMAN DEAN	RESIDENTIAL COLLEGE ARTS & HUMAN DEAN	
10008000 - ELI BROAD COLLEGE OF BUSINESS			
Professional Name			
Kalay, Alon	ACCOUNTING AND INFORMATION SYSTEMS	ACCOUNTING AND INFORMATION SYSTEMS	
Ham, Sung Hwan	DEPARTMENT OF MARKETING	DEPARTMENT OF MARKETING	
Morgeson, Forrest Vern	DEPARTMENT OF MARKETING	DEPARTMENT OF MARKETING	
Peinkofer, Simone Theresa	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	
10010000 - COLLEGE OF COMMUNICATION ARTS SCIENCES			

**The following actions which include the
award of tenure are recommended to be
effective July 1, 2023**

Promotion to Associate Professor, Effective July 1, 2023			
Professional Name			
Meshi, Dar	ADVERTISING AND PUBLIC RELATIONS	ADVERTISING AND PUBLIC RELATIONS	
Carnahan, Dustin	COMMUNICATION	COMMUNICATION	
Dorrance Hall, Elizabeth	COMMUNICATION	COMMUNICATION	
Venker, Courtney	COMMUNICATIVE SCIENCES DISORDERS CAS	COMMUNICATIVE SCIENCES DISORDERS CAS	
Argyris, Young Anna	MEDIA AND INFORMATION	MEDIA AND INFORMATION	
10014000 - COLLEGE OF EDUCATION			
Professional Name			
Dixon, Dante	COUNSELING, EDUC PSYCH & SPEC EDUC	COUNSELING, EDUC PSYCH & SPEC EDUC	
Hauck, Janet L	KINESIOLOGY - ED	KINESIOLOGY - ED	
Tortorelli, Laura	TEACHER EDUCATION	TEACHER EDUCATION	
10016000 - COLLEGE OF ENGINEERING			
Professional Name			
Bhattacharya, Sudin	BIOMEDICAL ENGINEERING	BIOMEDICAL ENGINEERING	PHARMACOLOGY TOXICOLOGY
Aguirre, Aitor	BIOMEDICAL ENGINEERING	BIOMEDICAL ENGINEERING	INSTITUTE FOR QUANTITATIVE HEALTH
Cheng, Shiwang	CHEMICAL ENGINEERING AND MATERIALS SCI	CHEMICAL ENGINEERING AND MATERIALS SCI	
Boddeti, Vishnu	COMPUTER SCIENCE AND ENGINEERING	COMPUTER SCIENCE AND ENGINEERING	
Foster, Shanelle Nicole	ELECTRICAL AND COMPUTER ENGINEERING	ELECTRICAL AND COMPUTER ENGINEERING	
Mejia, Ricardo	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	
Li, Zhaojian	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	ELECTRICAL AND COMPUTER ENGINEERING
Chung, Haseung	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	
10022000 - COLLEGE OF HUMAN MEDICINE			
Professional Name			
Arora, Ripla	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	BIOMEDICAL ENGINEERING, INSTITUTE FOR QUANTITATIVE HEALTH
Mahmoudi, Morteza	RADIOLOGY HUMAN MEDICINE	RADIOLOGY HUMAN MEDICINE	
10024000 - JAMES MADISON COLLEGE			
Professional Name			
Hasler Brathwaite, Kirstin Joy	JAMES MADISON COLLEGE DEAN	JAMES MADISON COLLEGE DEAN	
Ahlquist, Daniel B	JAMES MADISON COLLEGE DEAN	JAMES MADISON COLLEGE DEAN	
10028000 - LYMAN BRIGGS COLLEGE			
Professional Name			
shuster, stef m	LYMAN BRIGGS DEAN	LYMAN BRIGGS DEAN	SOCIOLOGY SOCIAL SCIENCE
10030000 - COLLEGE OF MUSIC			

**The following actions which include the
award of tenure are recommended to be
effective July 1, 2023**

Promotion to Associate Professor, Effective July 1, 2023			
Professional Name			
Bacon, Alexis C	MUSIC	MUSIC	
Tang, Zhi-hua	MUSIC	MUSIC	
10032000 - COLLEGE OF NATURAL SCIENCE			
Professional Name			
He, Jin	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM
Wang, Rongrong	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR EGR, MATHEMATICS
Yang, Yang	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR EGR
Wang, Jianrong	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR CNS	COMPUTATIONAL MATH SCI AND ENGR EGR
Ganz, Julia	INTEGRATIVE BIOLOGY	INTEGRATIVE BIOLOGY	
Meek, Mariah Hope	INTEGRATIVE BIOLOGY	INTEGRATIVE BIOLOGY	INTEGRATIVE BIOLOGY
Fitzpatrick, Sarah W	KELLOGG BIOLOGICAL STATION NAT. SCI.	INTEGRATIVE BIOLOGY	INTEGRATIVE BIOLOGY
Shen, Linhui	MATHEMATICS	MATHEMATICS	
Whitehorn, Nathan	PHYSICS-ASTRONOMY	PHYSICS-ASTRONOMY	
Maghrebi, Mohammad	PHYSICS-ASTRONOMY	PHYSICS-ASTRONOMY	
Lee, Gee	STATISTICS & PROBABILITY	STATISTICS & PROBABILITY	MATHEMATICS
10034000 - COLLEGE OF OSTEOPATHIC MEDICINE			
Professional Name			
Tewari-Singh, Neera	PHARMACOLOGY TOXICOLOGY	PHARMACOLOGY TOXICOLOGY	
Qian, Chunqi	RADIOLOGY OSTEOPATHIC MEDICINE	RADIOLOGY OSTEOPATHIC MEDICINE	RADIOLOGY HUMAN MEDICINE
10038000 - COLLEGE OF SOCIAL SCIENCE			
Professional Name			
Zhang, Hanzhe	ECONOMICS	ECONOMICS	
Fernandez-Jones, Delia Maria	HISTORY	HISTORY	
Minhas, Shahryar	POLITICAL SCIENCE	POLITICAL SCIENCE	
Wahman, Michael	POLITICAL SCIENCE	POLITICAL SCIENCE	
Drahota, Amy Marie	PSYCHOLOGY SOCIAL SCIENCE	PSYCHOLOGY SOCIAL SCIENCE	
Brandt, Mark	PSYCHOLOGY SOCIAL SCIENCE	PSYCHOLOGY SOCIAL SCIENCE	
Anderson-Carpenter, Kaston Dariel	PSYCHOLOGY SOCIAL SCIENCE	PSYCHOLOGY SOCIAL SCIENCE	
Durst, Noah	SCHOOL OF PLANNING,DES&CONSTRUCTION-CSS	SCHOOL OF PLANNING,DES&CONSTRUCTION-CSS	SCHOOL OF PLANNING DES CONSTRUCTION ANR
Shires, Deirdre Aisling	SOCIAL WORK	SOCIAL WORK	
10046000 - COLLEGE OF VETERINARY MEDICINE			

**The following actions which include the
award of tenure are recommended to be
effective July 1, 2023**

Promotion to Associate Professor, Effective July 1, 2023			
Professional Name			
Manfredi, Jane Marie	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	

The following actions which include the award of tenure are recommended to be effective July 1, 2023

Associate Professors Who Acquire Tenure with the Reappointment, Effective July 1, 2023			
10002000 - COLLEGE OF AGRICULTURE AND NAT RESOURCES			
Professional Name			
Bergholz, Teresa Marie	FOOD SCIENCE AND HUM NUTRITION ANR	FOOD SCIENCE AND HUM NUTRITION ANR	

MICHIGAN STATE UNIVERSITY

BYLAWS FOR

ACADEMIC GOVERNANCE

Revisions Proposed
Academic Year 2022–2023



MEMORANDUM

April 26, 2023

TO: Teresa K. Woodruff, Ph.D.
Interim President

FROM: Tyler Silvestri, J.D.
Secretary for Academic Governance

SUBJECT: Proposed Amendments to the *Bylaws for Academic Governance*

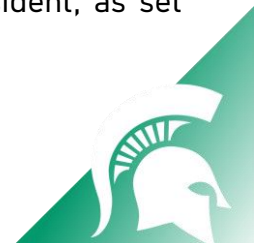
On behalf of the Steering Committee, and pursuant to section 8.3. *et seq.* of the *Bylaws for Academic Governance*, I write to request that you review the four attached proposals to amend the *Bylaws* and forward them to the Board of Trustees for final action if you concur. The proposals have been approved by the University Committee on Academic Governance and University Council.

Please let me know if you have any questions.

For your reference, the relevant portion of the *Bylaws* reads:

8.3. Amendments

- 8.3.1. Proposed amendments shall be submitted to the University Committee on Academic Governance. After review by UCAG, proposed amendments may be submitted to the University Council for action under 3.2.4.10 by UCAG, or by any member of the University Council.
- 8.3.2. If the University Council approves the proposed amendment, the Steering Committee shall forward it to the President.
 - 8.3.2.1. If the President concurs with the proposed amendment, the President shall notify the Steering Committee and place the proposed amendment on the agenda for action by the Board of Trustees within 90 days (excluding the time between the end of spring semester and the start of fall semester).
 - 8.3.2.2. If the President does not concur with the proposed amendment, the President shall return it to the Steering Committee with the President's written objections and recommendations within thirty (30) days (subject to the exclusion noted in 8.3.2.1). The Steering Committee shall submit the proposed amendment and the President's comments to the University Council for reconsideration.
 - 8.3.2.2.1. If the University Council declines reconsideration, or if reconsideration results in no change to the proposed amendment, the Steering Committee shall return the proposed amendment to the President, who shall place it on the agenda for action by the Board of Trustees within sixty (60) days (subject to the exclusion noted in 8.3.2.1).
 - 8.3.2.2.2. In the event that reconsideration leads to modification of the proposed amendment by the University Council, the Steering Committee shall forward the modified proposed amendment to the President, as set forth in 8.3.2.1.



1 – Faculty Voting Rights

1.1.2.1. The voting faculty in the election of university-level councils and committees shall be all regular faculty, health professions faculty, ~~and~~ FRIB/NSCL faculty, full-time fixed-term faculty, and full-time academic specialists. ~~Voting faculty also includes full-time fixed-term faculty who have served at least three consecutive years and full-time academic specialists who have served at least three consecutive years. Voting faculty must be engaged in academic activities of the university.~~

1.1.2.1.1. Full-time shall be defined as a workload equal to or greater than a 0.9 full-time equivalent.

...

1.1.2.5. A full-time fixed-term faculty member ~~who has served at least three consecutive years~~ and a full-time specialist ~~who has served at least three consecutive years~~ may be elected to an academic governance body, with the exception of the University Committee on Faculty Tenure, as a representative of any unit in which the person holds faculty status.

Approved by:

University Committee on Academic Governance
University Council

January 19, 2023
March 28, 2023



2 – Clarifying Faculty Senate Membership

2.2.5.1. Each College Advisory Committee shall ensure that at least two of its members (including its chairperson) are members of the Faculty Senate, selecting—if necessary—one person from among the college representatives to the Faculty Senate~~University Council~~one person to serve as an ex-officio member, without vote, of the College Advisory Committee. See 3.3.1.2.1.

Approved by:

University Committee on Academic Governance

University Council

October 20, 2022

November 22, 2022



3 – Adding the Executive Vice President for Health Sciences to the Steering Committee and Faculty Senate

3.3.1.5. The President, the Provost, the Executive Vice President for Health Sciences, one elected member from ASMSU, one elected member from COGS, and the chairperson of the Athletic Council will serve as ex-officio members of the Faculty Senate with voice but no vote.

...

3.4.1.3. The President, ~~and the~~ Provost, and the Executive Vice President for Health Sciences shall be ex-officio members of the Steering Committee. The Secretary for Academic Governance shall be an ex-officio member of the Steering Committee and shall serve as Secretary to the Steering Committee, having voice but no vote. Along with support to academic governance, the Office of Academic Governance will supply clerical and administrative assistance to the Steering Committee.

Approved by:

University Committee on Academic Governance
University Council

April 21, 2022
October 18, 2022



4 – University Committee on Student Life and Engagement

3.2.4.8. The University Council shall develop procedures acceptable to the President for the participation of faculty and students in the selection of administrators of university-level units who are involved in the administration of policies significantly affecting the academic programs of the university.

3.2.4.8.1. These administrative positions are the Provost, the Vice President for Research and Graduate Studies, the Senior Vice President for Student ~~Affairs and Services~~ Life and Engagement, the Dean of Undergraduate Studies, the Dean of the Graduate School, the Dean of International Studies and Programs, the Dean of the Libraries, and the Dean of the Honors College.

...

3.2.5.1. University-level Standing Committees that deal predominantly with issues other than the curriculum and faculty life (e.g., tenure and promotion, salary, benefits) report to University Council. Such committees include the University Committee on Student ~~Affairs~~ Life and Engagement, the University Committee on Undergraduate Education, the University Committee on Graduate Studies, the University Committee on the Libraries, and the University Committee on Academic Governance.

...

3.2.7.1. 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 Student Rights and Responsibilities at Michigan State University prior to its consideration by University Council; upon all matters brought before it by the President, the Provost, or the Senior Vice President for Student ~~Affairs and Services~~ Life and Engagement; and upon all matters on which its constitution requires such action.

...

3.2.8.1. COGS shall consider and act upon all recommendations to University Council regarding student academic rights and responsibilities and judicial procedures; upon any amendment to or revision of the SRR, and Graduate Student Rights and Responsibilities prior to its consideration by University Council; upon all matters brought before it by the President, the Provost, or the Senior Vice President for Student ~~Affairs and Services~~ Life and Engagement; and upon all matters on which its constitution requires such action.

...

3.3.6.1. The University Committee on Student ~~Affairs~~ Life and Engagement will report to the University Council, provided that recommendations by ~~UCSA~~ UCSLE that affect professional rights and responsibilities of faculty must have been approved by the Faculty Senate before consideration by the University Council.



4.1. Establishment of Standing Committees

There shall be the following University-level Standing Committees within academic governance:

- University Committee on Academic Governance (UCAG)
- University Committee on Undergraduate Education (UCUE)
- University Committee on Curriculum (UCC)
- University Committee on Faculty Affairs (UCFA)
- University Committee on Faculty Tenure (UCFT)
- University Committee on Graduate Studies (UCGS)
- University Committee on Student ~~Affairs~~Life and Engagement (UCSLEA)
- University Committee on the Libraries (UCL)

...

4.9. University Committee on Student ~~Affairs~~Life and Engagement

4.9.1. The University Committee on Student ~~Affairs (UCSA)~~Life and Engagement (UCSLE) shall have four faculty members selected by the Faculty Senate. ~~UCSA~~UCSLE shall have ~~eight~~twelve student members appointed as follows: six appointees from ASMSU, including the President of ASMSU; two appointees from COGS; ~~one appointee from the Residence Halls Association; one appointee from Fraternity and Sorority Life; one appointee from the University Apartments Council of Residents;~~ and the At-large Student Liaison to the Board of Trustees, as appointed by the ~~Senior Vice President for Student Affairs and Services~~Life and Engagement. ~~UCSA~~UCSLE appointees are expected to reflect the diversity of their constituencies. The ~~Senior Vice President for Student Affairs and Services~~Life and Engagement, Assistant Vice President for ~~Diversity, Equity, Inclusion and Belonging, the Assistant Vice President for Student Development and External Relations and Dean of Students, the Assistant Vice President of Residence Education and Housing Services, the Assistant Vice President for Student Involvement and Leadership,~~ and the University Ombudsperson shall be members with voice; but no vote.

4.9.1.1. The ~~UCSA~~UCSLE shall report to the University Council (3.2.5). However, any policy amendment or statement reviewed by ~~UCSA~~UCSLE that affects the professional rights and responsibilities of the faculty must be approved by the Faculty Senate before consideration by the University Council.

4.9.2. The chairperson of the ~~UCSA~~UCSLE shall be a voting member of the University Council. ~~At its first meeting of the academic year, the UCSLE must elect one of its faculty members to represent UCSLE as a voting member of the Faculty Senate.~~

4.9.3. The ~~UCSA~~UCSLE shall advise the ~~Senior Vice President for Student Affairs and Services~~Life and Engagement on all policies of the ~~Office of the Vice President for~~



~~Student Affairs and Services~~ Division of Student Life and Engagement and on other University policies as they affect the academic achievement of students.

4.9.4. The ~~UCSA~~ UCSLE shall initiate and review proposed amendments to the Student Rights and Responsibilities, General Student Regulations, and policies relating to the academic rights and responsibilities of students.

4.9.4.1. Any such amendment affecting the professional rights and responsibilities of the faculty must be reviewed by the ~~UCSA~~ UCSLE and approved by the Faculty Senate before consideration by the University Council.

~~4.9.5. The UCSA shall assume the duties of the Committee on Academic Rights and Responsibilities under the SRR.~~

...

7.1. The administrator of an academic unit shall render necessary support, clerical and otherwise, to academic governance at the unit level. At the university level, this is the responsibility of the Provost and the Senior Vice President for Student ~~Affairs and Services~~ Life and Engagement.

Approved by:

University Committee on Student Affairs

April 15, 2022

University Committee on Academic Governance

April 21, 2022

Additional amendments

September 29, 2022

University Council

October 18, 2022



Exhibit A

31.00

.02* Upon those streets or in those parking lots which have been signed or marked by the Traffic Engineer or the Vice President and Chief Safety Officer for angle parking, no person shall stop, stand or park a vehicle other than at the angle to the curb or edge of the roadway indicated by such signs or markings, and no person shall stop, stand or park a vehicle except completely within such pavement markings as may exist.

.103* When a multi-space parking meter is erected in a parking ramp or lot, ~~parking spaces located therein shall be metered parking zones and~~ no person shall stop a vehicle in any such zone without making proper payment via United States currency, credit card or other accepted form of payment in an amount sufficient to cover the length of time for which the vehicle will remain parked. Parking time may be extended upon the payment of additional funds, but in no event shall a vehicle remain parked in excess of the time limit indicated on applicable signage.

~~**.11** When parking gates are installed to restrict use of a parking area or parking lot, no person shall use such area without depositing the coin of United States currency of the denomination designated on said parking gates and according to the operating instructions designated on the parking gate.~~

.19* The Traffic Engineer or the Vice President and Chief Safety Officer may establish temporary or permanent "No Parking" zones in which, by posting of "Tow Away Zone" signs, vehicles parking in violation may be towed away and impounded.

.21 Schedule of civil sanctions:

~~\$20.00~~~~15.00~~ civil sanctions:
Sub-sections .01, .02, .03, .101 and .102

~~\$40.00~~~~25.00~~ civil sanctions:
Sub-sections .04, .07, .071, .072, .073, .074, .075, .076, .077, .078, .079, .0710, .0711, .0712, .0713, .0714, .0715, .0716, .0717, .08, .09, .103.15, .151, .152, .153, .16, .17 and .19

~~\$115.00~~~~400.00~~ civil sanctions:
Sub-section .25

.22 There is hereby established a Parking Violations Bureau which shall be the exclusive agency for accepting admissions of civil responsibility in cases of violation of the parking ordinance.

.24 The Parking Violations Bureau shall accept the civil sanctions listed in subsection 31.21 of these ordinances for the offenses charged, and payment and acceptance of such civil sanctions within seven days of the violation shall be deemed complete satisfaction for the violation, and a receipt so stating shall be

given the violator. If not paid within seven days a late fee of \$10.00 shall be added.

~~Under Subsection 31.101, the fine will be \$15.00 but will be modified to \$10.00 if paid within 24 hours of the time the ticket is written.~~

LICENSE AGREEMENT TERM SHEET

Party:	Advertent Biotherapeutics Inc
Project Description:	<p>Exclusive license agreement, with the right to sublicense to "Novel therapy for reducing/preventing muscular fibrosis and fatty infiltration after rotator cuff injury", MSU TEC2019-0064, including US and foreign patent applications covering the invention. Also included is the proprietary biological material TGFBR2-Fc fusion protein.</p> <p>The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration or the nature or extent of any pecuniary interest of MSU personnel.</p>
Term:	The latter of the last to expire of the patent rights or 20 years from the effective date of the license agreement.
Financial Terms:	License issue fee of 5% equity; 3% royalty on net sales by licensee or sublicensee of products covered by a valid claim of a patent and 1% royalty on net sales by licensee or sublicensee of products based solely on the proprietary biological materials; a share of non-sales sublicensing revenue ranging between 4%-10%; beginning in 2027 through termination of the agreement, minimum annual royalties of \$50,000-\$200,000/year; milestone fees ranging from \$50,000 to \$1,000,000; reimbursement of patent expenses.
Services Provided:	By MSU to Advertent Biotherapeutics Inc: None By Advertent Biotherapeutics Inc to MSU: None
Use of University Facilities/Personnel:	None contemplated under this license agreement.
Organization Type and Domicile:	Michigan Corporation
Personnel Interest:	Dr. Erik Martinez-Hackert, Associate Professor of Biochemistry and Molecular Biology, College of Natural Science has an ownership interest of more than 1% of the company.

LICENSE AGREEMENT TERM SHEET

Party:	Akeila Bio, LLC
Project Description:	<p>First Amendment to Option Agreement executed on December 22,2022.</p> <p>The parties wish to append, a license termsheet with certain business and financial terms which will be incorporated in a license agreement between MSU and Akeila Bio, LLC, once the Option Agreement is exercised.</p> <p>The license agreement shall provide Akeila Bio, LLC an exclusive, royalty-bearing, world-wide license (including sublicensing rights) to the following patents:</p> <p>TEC2018-0088, "Retinoid X Receptor (RXR) agonists" TEC2023-0048, "Neurofibromatosis disorders"</p> <p>The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.</p>
Term:	Latter of (i) expiration or termination of licensed patents or (ii) 20 year anniversary of the first commercial sale.
Financial Terms:	<p>(1) License Issue fee(s): Equity range 3-5% in Akeila Bio.</p> <p>(2) Royalties on net sales of the products, by Akeila Bio and sublicensees shall be 2.5%. A 50% royalty reduction shall apply in the absence of patent rights. Anti stacking clause will apply in the event Akeila Bio is required to license third party technology in order to practice MSU licensed technology.</p> <p>(3) Non royalty sublicense consideration in the range of 5% to 40%.</p> <p>(4) Each of the pre-and-post commercialization milestone payments will fall within the range of \$250,000 to \$10MM</p> <p>(5) Each of minimum annual royalty payments will fall within the range of \$20,000.00 to \$150,000.00.</p>
Services Provided:	<p>By MSU to company: None</p> <p>By company to MSU: None</p>
Use of University Facilities/Personnel:	None

**Organization Type
and Domicile:**

LLC, Michigan Corporation

Personnel Interest:

Dr. Edmund Ellsworth, Professor in the Department of Pharmacology and Toxicology, Dr. Karen Liby, Professor in the Department of Pharmacology and Toxicology, Dr. Ana Mendes Leal, Assistant Professor in the Department of Pharmacology and Toxicology and embers of their families, will own or have options to buy ownership interest or more than 1% of the company.

LICENSE AGREEMENT TERM SHEET

Party:	Environmental Protective Coatings, LLC (dba SCOPS)
Project Description:	MSU is licensing patent rights for omniphobic coatings, omniphobic materials and related manufacturing methods.
Term:	Life of the patents
Financial Terms:	MSU will obtain equity in the company, reimbursement of patent costs, and royalties on product sales.
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Michigan Limited Liability Corporation
Personnel Interest:	Dr. Rabnawaz, Associate Professor out of the Department of Packaging owns greater than 1% of Environmental Protective Coatings, LLC (dba SCOPS).

LICENSE AGREEMENT TERM SHEET

Appendix H

Party: **Great Lakes Crystal Technologies Inc.**

IP Rights Description: Exclusive license to patent rights:

TEC2020-0028 "Laser Activated Luminescence System" - US17/973,610

TEC2007-0078 "Process and Apparatus for Diamond Synthesis" – US9,732,440 and US9,487,858

TEC2010-0076 "N-Doped Single Crystal Diamond Substrates and Methods Therefor" – US9,166,002

TEC2014-0115 "Methods and Apparatus for Microwave Plasma Assisted Chemical Vapor Deposition Reactors" – US10,494,719 and US16/700,046

TEC2015-0061 "Methods and Apparatus for Microwave Plasma Assisted Chemical Vapor Deposition Reactors" - US10/541,118

TEC2018-0100 "Methods for Forming Large Area Diamond Substrates" – US17/055,943 and Europe 19804078.4

TEC2010-0075 "Multicolored Single Crystal Diamond Gemstones and Methods for Forming the Same" – US9,277,792

TEC2008-0065 "Improved Microwave Plasma Reactors" – US8,316,797 and US8,668,962 and US9,139,909

TEC2011-0069 "Microwave Plasma Reactors" – US9,890,457

Non-Exclusive license to patent rights:

TEC2019-0089 "Distributed Current Low-Resistance Diamond Ohmic Contacts" – US11,222,956

TEC2020-0130 "Chemical Mechanical Polishing Method for Smoothing Diamond Utilizing a Ceramic Polishing Plate" – US17/922,728 and PCT/US2022/019476

Term: From the effective date of the license approval to expiration of Patent Rights.

Financial Terms: Up front payment of \$5,000.

Royalties of 4% based on product sales

Services Provided: By MSU to company: None

By company to MSU: None

Use of University Facilities/Personnel: **None**

Organization Type and Domicile: **Delaware Corporation**

Personnel Interest: Professor Timothy Grotjohn holds a greater than 1% interest in Great Lakes Crystal Technologies Inc.

The parties may add or remove technologies under the agreement, including improvements, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

OPTION AGREEMENT TERM SHEET

Appendix I

Party:	Targeted Alpha Therapeutics Inc.
Project Description:	Exclusive option agreement To patent rights to from TEC2023-0034, Patent application US 63/458,241 Filed 4/10/2023,
Term:	One year from July 1, 2023 to July 31, 2024
Financial Terms:	Up-front payment of \$2,000 dollars.
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	Michigan Corporation
Personnel Interest:	Professor Kurt Zinn holds a greater than 1% interest in Targeted Alpha Therapeutics Inc.

The parties may add or remove technologies under the agreement, including improvements, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

OPTION AGREEMENT TERM SHEET

Party:	Tarn Biosciences, Inc
Project Description:	Option agreement For an exclusive worldwide license to the patent rights of the following technology: TEC2020-0139, "Antimycobacterials targeting the MmpL3 protein" List all PCT/ National Phase applications. PCT/US2022/014342
Term:	Twelve months from the effective date of the option agreement and extendable for an additional twelve months.
Financial Terms:	Option fee of \$1,000; additional one year extension fee of \$2,000.
Services Provided:	By MSU to company: None By company to MSU: None
Use of University Facilities/Personnel:	None
Organization Type and Domicile:	C-Corp Michigan
Personnel Interest:	Dr. Robert Abramovitch, Professor in the Department of Microbiology and Molecular Genetics, and Dr. Edmund Ellsworth, Professor in the College of Pharmacology & Toxicology, and members of their family own or have options to buy an ownership interest of more than 1% of the company.

The parties may add or remove technologies under the agreement, including improvements generated under a separate sponsored research agreement, provided the change does not affect the financial consideration of the parties or the nature or extent of any pecuniary interest of MSU personnel.

Service AGREEMENT TERM SHEET

Party: **Great Lakes Crystal Technologies, Inc**

Project Description: Service Agreement
X-ray diffraction testing for PD63314

Term: June 2023 – August 2023

Financial Terms: Three thousand five hundred and twenty-eight dollars (\$3,528.00) to MSU from GLCT for funding of the services.

Services Provided: By MSU to GLCT: X-ray diffraction analysis of the material.
By GLCT to MSU: None contemplated under this agreement.

Use of University Facilities/Personnel: MSU facilities, Engineering Building X-ray Diffractometer; Dr. Qi Fan is the Principal Investigator for this project.

Organization Type and Domicile: **Delaware Corporation**

Personnel Interest: Faculty member Dr. Timothy Grotjohn, Professor with the Department of Electrical and Computer Engineering, and his family have an ownership interest greater than 1% in the company.

SERVICE AGREEMENT TERM SHEET

Party:	Great Lakes Crystal Technologies Inc.
Project Description:	Service Agreement
Term:	From the effective approval date of this service agreement for one year and six months.
Financial Terms:	One year and six months of effort totaling \$87,500 to MSU
Services Provided:	By MSU to company: MSU will perform diamond preparation experiments on diamond materials developed by GLCT and will characterize those materials via advanced analytical measurements. By company to MSU: none
Use of University Facilities/Personnel:	Dr. Tim Hogan will be responsible for the overall management of the MSU effort. He will also coordinate diamond material measurement.
Organization Type and Domicile:	Delaware Corporation
Personnel Interest:	Dr. Timothy Grotjohn has ownership or options to buy >1% of Great Lakes Crystal Technologies Inc.

SERVICE AGREEMENT TERM SHEET

Party:	Great Lakes Crystal Technologies, Inc
Project Description:	Service Agreement; (PD63126;IP00656810) Large Area Diamond Wafers by the Mosaic Technique
Term:	06/13/2023 – 12/12/2024
Financial Terms:	\$125,000 (funded by Other Transaction); DARPA is the Sponsor
Services Provided:	By MSU to company: Reactor and process development for thermal uniformity during diamond deposition and measurements of specific properties. By company to MSU: None contemplated under this agreement.
Use of University Facilities/Personnel:	Engineering Research Complex; Dr. Tim Hogan (Principal Investigator); Dr. Timothy Grotjohn (Key Personnel)
Organization Type and Domicile:	Delaware Corporation
Personnel Interest:	Dr. Timothy Grotjohn (MSU faculty member) has an ownership interest greater than 1% in Great Lakes Crystal Technologies, Inc.

SERVICE AGREEMENT TERM SHEET

Party:	Tarn Biosciences, Inc (MSU is the Sub-recipient)
Project Description:	Service Agreement Development of the HC2099 series of MmpL3 inhibitors to treat tuberculosis (PD59100/IP00622488).
Term:	06/01/2023 – 05/31/2025
Financial Terms:	Three hundred and sixty thousand dollars funded by the NIH grant to MSU.
Services Provided:	By MSU to company: Design and testing of specific prioritized analogs for efficacy against tuberculosis in acute and chronic infections models. By company to MSU: None contemplated under this agreement.
Use of University Facilities/Personnel:	BIOMED PHYS SCI Bldg; Life Sciences; University Research Containment Facility. Dr. Robert Abramovitch (Principal Investigator); Dr. Edmund Ellsworth (Co-investigator)
Organization Type and Domicile:	C-Corp Michigan
Personnel Interest:	Dr. Robert Abramovitch, Professor in the Department of Microbiology and Molecular Genetics, and Dr. Edmund Ellsworth, Professor in the Department of Pharmacology and Toxicology and members of their family, own or have options to buy an ownership interest of more than 1% of the company.