

**Agendum
Oakland University
Board of Trustees Formal Session
October 16, 2026**

**ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF JULY 1– AUGUST 31, 2026**

A Recommendation

1. Division and Department: Academic Affairs/Research Office

2. Introduction: Oakland University contributes to our national agenda as a contributor to the nation's scientific and technological progress, both through the generation of new knowledge and ideas and the education and training of its students. Grants and contracts awarded to Oakland University play a critical role in the advancement of new research findings, and current research trends give emphasis to interdisciplinary, technology-driven, and product-oriented team efforts.

The Board of Trustees (Board) has authorized the President, or his or her designee, to receive and acknowledge grants and contracts to the University, but such grants and contracts must be reported to the Board not less often than quarterly for acceptance on behalf of the University.

At this time, we request that the Board accept the grants and contracts reported on the attached Grants and Contracts Report, Attachment A, for the period of July 1 – August 31, 2026

3. Previous Board Action: The Board accepts grants and contracts to Oakland University on a regular basis at its Formal Sessions.

4. Budget Implications: Grants and contracts contribute to the University through the recovery of direct and indirect expenses incurred in support of research projects.

5. Educational Implications: Grants and contracts enhance the training and education of students.

Acceptance of Grants and Contracts to Oakland University for the Period of
July 1 – August 31, 2026
Oakland University
Board of Trustees Formal Session
October 16, 2026
Page 2

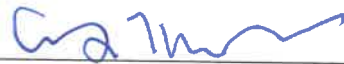
6. Personnel Implications: Grants and contract awards may provide salary support for faculty, post-doctoral fellows, undergraduate and graduate students, technicians, lab managers, and other personnel, as required by the funded research project or program.

7. University Reviews/Approvals: All grants and contracts are reviewed by the Research Office prior to submission to the Board to ensure compliance with federal and state laws and regulations and University policies and procedures, when applicable, and with assistance from the Office of Legal Affairs when requested.

8. Recommendation: RESOLVED, that the Board of Trustees accept grants and contracts to Oakland University identified in the attached Grants and Contracts Report, Attachment A, for the period of July 1 – August 31, 2026.

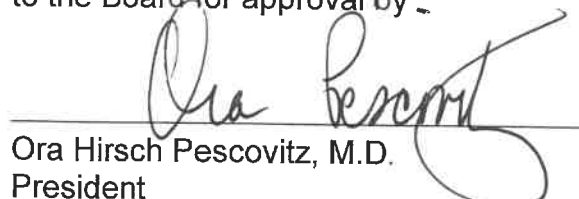
9. Attachments: A. Grants and Contracts Report.

Submitted to the President
on 10/6, 2026 by



Amy Thompson, Ph.D., FESG, CHES
Executive Vice President for
Academic Affairs and Provost

Recommended on 10/7, 2026
to the Board for approval by -



Ora Hirsch Pescovitz, M.D.
President

Reviewed by



Joshua D. Merchant, Ph.D.
Chief of Staff and
Secretary to the Board of Trustees

Grants and Contracts Report for Period: July - August 31, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Joshua Yax Lowry Center for Early Childhood Education	Oakland Schools (Michigan Department of Lifelong Education, Advancement, and Potential)	Lowry Center for Early Childhood Education GSRP Classroom Implementation 2026-2027 Michigan's Great Start Readiness Program (GSRP) is a free program that helps prepare eligible 4-year-olds for kindergarten. Lowry Center will implement one GSRP classroom, provide equitable learning opportunities, & utilize a comprehensive, child-focused, constructivist curriculum & classroom model.	214,240	214,240
Sayed Nassar Mechanical Engineering	National Science Foundation	Industry-University Cooperative Research Center (IUCRC) Phase I Oakland University: Center for Composite and Hybrid Materials Interfacing (CHMI) The proposed IUCRC will involve interdisciplinary teams to address the emerging need to transform current labor-intensive, experience-based CHMI practice into science-based, automated CHMI processes.	55,000	678,667
Melissa Kempski Educational Resource Laboratory	Library of Michigan	Bridging the Access Gap: Literacy Kits for K-5 Reading Intervention OU's ERL will develop and circulate 20 literacy access kits to increase participation in reading intervention for K-5 students across Oakland County. Many students identified for support cannot participate because they lack devices, reliable internet, or instructional materials.	25,000	25,000
Sayed Nassar Mechanical Engineering	Georgia Institute of Technology	Industry-University Cooperative Research Center (IUCRC) Program The continued IUCRC will involve interdisciplinary teams to address the emerging need to transform current labor-intensive, experience-based CHMI practice into science-based, automated CHMI processes.	79,148	506,856

Grants and Contracts Report for Period: July - August 31, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Zhe Wang Chemistry	Labsys, LLC (NIH)	A Wearable Continuous Polydrug Monitor for Personalized Substance Use Disorder Treatment. This project aims to integrate with telehealth platforms and cloud-based tools to support dynamic medication adjustments, reduce substance use as a treatment endpoint, lower overdose fatalities, and improve overall patient well-being.	91,242	91,242
Sarah Super Counseling Center	Children's Foundation	Grizz Recovery Grizz Recovery unites students with the common goals of maintaining sobriety maintain sobriety and reducing addiction stigma across campus. This project aims to increase visibility & participation in order to identify, evaluate and service the students who have not yet found the program.	55,000	55,000
Daniel Aloï Electrical & Computer Engineering	University of Michigan	Low Cost Antenna/Radar Measurement System for ADAS Development Our system offers an affordable, precise solution for ADAS antenna and radar characterization at the component-level. We are aiming for TRL 6V7 with this funding by upgrading the existing functional lab prototype.	116,162	116,162
Ankun Yang Mechanical Engineering	Michigan Economic Development Corporation (Michigan State University)	Biomass-derived hard carbon for sodium ion batteries This project is to developing a hard carbon material for sodium ion batteries	12,500	12,500
Terry Dibble Human Movement Science	JED Foundation	JED Technical Assistance Program Oakland University is partnering with the JED foundation to create a comprehensive Mental Health Program for students, faculty and staff. It will be a 4 year project which will include a pre-post assessment of the Oakland University community and programming based on the outcome of the assessment.	46,481	46,481

Grants and Contracts Report for Period: July - August 31, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Luca Cucullo Foundational Medical Studies	Parabon Nanolabs, Inc (Department of Defense)	DNA Nanocarriers for Crossing the Blood Brain Barrier This subcontract project is to assess the Blood-brain barrier (BBB) using a dose-response toxicological study or TNC nanoparticles	105,071	105,071
Huirong Fu Computer Science & Engineering	National Security Agency (NSA)	2026 GenCyber Student Camps Building on the success of its GenCyber student camps since 2016, Oakland University (NCAE-C, CAE-CD, CAE-R) will host an immersive program for a cohort of 40 entry-level middle and high school students from the Detroit Urban Area.	89,996	89,996
Dao-Qi Zhang Eye Research Institute	National Institutes of Health (NIH)	The Underlying Mechanisms of Visual Impairment and Myopia in Prematurity This project is relevant to public health because preterm birth and oxygen therapy in premature infants causes myopia. Results from the study will advance our understanding of why myopia of prematurity occurs in almost 1 of every 10 infants born in the United States. The goal is to develop preventive and therapeutic strategies to preserve vision in premature infants.	392,921	1,687,409
David Garfinkle Physics	National Science Foundation	Studies of Singularities, Black Holes, and Gravitational Radiation This project will study all of these aspects of gravitational collapse. I will develop a fully 3D codes to study gravitational collapse, cosmological models, and gravitational radiation.	150,000	150,000
Mohamed Al-Shabrawey Foundational Medical Studies	National Institutes of Health	BMP2/4/u2013ALK Pathway as a Novel Therapeutic Target in Diabetic Retinopathy Progression The project aims to investigate the role of bone morphogenetic proteins in diabetic retinopathy progression and underscore this pathway as a potential novel therapeutic target that will overcome the limitations of current therapeutic interventions.	572,904	2,263,540
Total			\$2,005,665	\$6,042,164