

Agendum
Oakland University
Board of Trustees Formal Session
August 13th, 2026

**ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF MAY 1– JUNE 30, 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 inter-disciplinary, 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 May 1 – June 30, 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.

6. **Personnel Implications:** Grants and contracts 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.

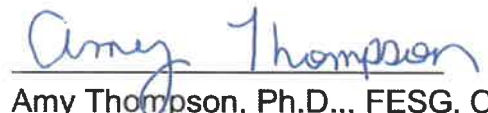
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7. University Reviews/Approvals: All grants and contracts are reviewed by the Research Office prior to submission to the Board to ensure compliance with federal and state laws and regulations and University policies and procedures, when applicable, 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 May 1 – June 30, 2026.

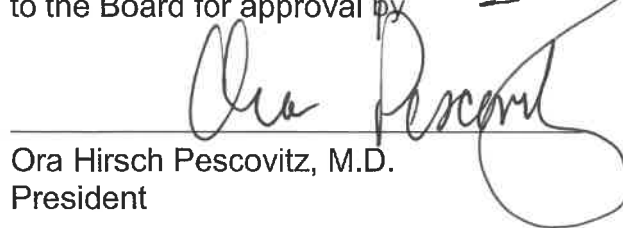
9. Attachments: A. Grants and Contracts Report.

Submitted to the President
on August 3, 2026 by

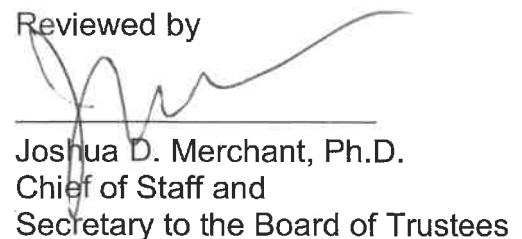


Amy Thompson, Ph.D., FESG, CHES
Executive Vice President for Academic
Affairs and Provost

Recommended on 8/4, 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: May-June 30, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Douglas Wendell Biological Sciences	Great Lakes Commission	Genetic Identification of Phragmites Subspecies Determinating if samples submitted are the native americanus subspecies or the introduced australis subspecies. and reporting any unexpected results such as possible hybrids or other subspecies	10,858	25,144
	U.S. Fish and Wildlife Service	Monitoring Water Quality Changes Following Multi-Site Mussel Restoration This project will Monitor various water quality parameters above, within, and downstream of mussel reintroductions in areas of concern, including the Clinton and Auglaize Rivers.	35,150	35,150
Sergey Golovashchenko Mechanical Engineering	Ohio State University(National Science Foundation)	IUCRC Center for Industrial Metal Forming The mission of the proposed Center for Industrial Metal Forming (CIMF) is to perform cutting-edge, pre-competitive fundamental research in metal forming science and engineering in collaboration with industrial Members.	110,000	295,000
Thomas Raffel Biological Sciences	Animal Welfare Institute	Building Watershed Sustainability via State Policy Reform for Beaver Co-existence This project will support creation of a new minor permit category for beaver pond levelers in Michigan. We will monitor changes in the stream hydrology and ecological community before and after pond leveler installation, including comparison measurements in an upstream reference dam.	15,000	15,000
School of Nursing	Corewell Health William Beaumont University Hospital Research Institute	Corewell Health Participant Support-Corewell Health Nurse Scholars Program	2,075,000	20,075,000

Grants and Contracts Report for Period: May-June 30, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Ronald Piscotty School of Nursing	Blue Cross Blue Shield of Michigan Foundation	Examining Relationships Among Nurse Caring Behaviors, Missed Nursing Care, and Nurse Well-Being in Virtual Nursing Models: A Descriptive Correlational Study Funding for Doctoral student Lindsay Colby for her dissertation examining nursing models	3,000	3,000
Mohammad Wardat Computer Science & Engineering	National Science Foundation	Fault Localization for Deep Learning This project analyzes deep learning algorithms that use multiple layers of transformation functions to convert inputs to outputs for faults.	223,992	223,992
Jun Chen Electrical & Computer Engineering	VentureWell(National Science Foundation)	Sensor-lean BMS The proposed sensor-lean BMS technology will develop a novel, dense extended Kalman filter (DEKF) as a viable means for state estimation of multiple cells simultaneously with limited voltage measurements. The proposed DEKF reimagines the entire battery pack as a single "average" model.	50,000	50,000
Song Yan Institutional Research, Assessment, & Data Analytics	State Of Michigan	Michigan Transfer Success Research Proposal - Oakland University This research aims to investigate the challenges transfer students navigate from admission to graduation. By identifying the specific barriers to their success, this study seeks to inform the development of targeted supporting programs.	75,000	75,000
Randall Westrick Biological Sciences	University of Michigan (American Heart Association)	Bridging Basic and Clinical Science in Age-Related Heart and Brain Inflammation: The Role of Metabolic Stress and Senescence Pathways This project is to conduct the computational Omics analyses necessary for the AHA SFRN Center on Inflammation in Cardiac and Neurovascular Disease	100,475	401,190

Grants and Contracts Report for Period: May-June 30, 2026

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Melissa Jones Human Movement Science	University of Iowa (National Institutes of Health)	Sedentary Behavior, Physical Activity, and 24-Hour Behavior in Pregnancy and Offspring This project involves the development of study procedures for data reduction, processing, and integration of new activity data collected among children during the 24-month in-person visit. She will oversee data management and quality control and participate in monthly multi-site team meetings.	29,613	153,107
Lori Davidson School of Nursing	Michigan Department of Health and Human Services	Nursing Summer Camp -2026 Providing primary and secondary school-age students an introduction to nursing as a potential career field via nursing summer camps.	11,500	11,500
Michael Kranak Human Development & Child Studies	Havenwyck Hospital	BeSAFE: Behavioral Stabilization, Assessment, and Functional Education This consultation collaboration will build upon existing strengths and opportunities at Havenwyck, with the potential for establishing a long-term collaboration and partnership.	1,500	7,700
Gerard Madlambayan Biological Sciences	Colorado School of Mines (National Institutes of Health)	Machine-guided design of chaperone-mimetic polymeric carriers for ribonucleoprotein delivery This project is the analysis of human hematopoietic stem and progenitor cell (HSPC) activity to define the effects of their exposure to polymer-RNP complexes.	29,347	142,432
Total			\$2,770,435	\$21,513,215