

**Agendum
Oakland University
Board of Trustees Formal Session
April 11, 2025**

**ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF JANUARY 1 – FEBRUARY 28, 2025
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 gives 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 January 1 – February 28, 2025

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 expense incurred in support of research projects.
5. **Educational Implications:** Grants and contracts enhance the training and education of students.

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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.

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 January 1 – February 28, 2025.

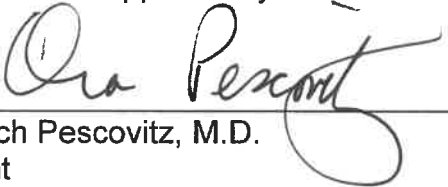
9. **Attachments:** A. Grants and Contracts Report.

Submitted to the President
on 4/3, 2025 by



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

Recommended on 4/4, 2025
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: January 1 - February 28, 2025

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Kyeorda Kemp School of Medicine	National Board of Medical Examiners	Innovations to Advance Pathways and Bridges to Medicine Program Grant. This funding is a SEED Grant for the Bound Together Science and Medical Pathways Outreach and Mentoring Initiative.	\$20,000	\$20,000
Stephanie Pollock Advancement Services	The Ravitz Foundation	2024 OUWB Holocaust and Medicine Education. The goal of this project is to instill a profound understanding of the Holocaust's impact on medical ethics and human rights, by cultivating awareness, ethical vigilance, core values, moral resilience within personal and professional development, and promote humanism in healthcare.	\$9,000	\$9,000
Mark Gordon Police Department	State of Michigan	2025 CPE Distribution for Licensed LE Officers. This funding will support continuing professional education requirements for 2025.	\$27,000	\$27,000
Sang Rhee Department of Biological Sciences	National Institutes of Health	PTEN and Gut Epithelial Physiology. The goal of this research will be to investigate the non-classical function of Phosphatase and Tensin Homolog (PTEN) in intestinal epithelial cells and test a potential intervention to prevent PTEN-promoted tumorigenesis and metastasis.	\$439,049	\$439,049
Christina Papadimitriou Department of Interdisciplinary Health Sciences	George Washington University	Developing a Standardized Process Assessment for Relationship-Centered Shared Decision-Making (SPARCSdm). The goal of this project is to develop a new research measure to study shared decision making with persons who cannot self-report due to severe disabilities.	\$52,566	\$170,096
Tomoko Wakabayashi Department of Human Development and Child Studies	Michigan Association of Intermediate School Administrators (MAISA)	Evaluation of the Coaching Practices for Early Literacy Training. This research will examine the impact of the training on all coach trainees, and will provide rich descriptions of the 15 subgroup trainees and classroom teachers coached by them. We will utilize surveys, observations, focus groups, and interviews for data collection.	\$111,859	\$130,000

Grants and Contracts Report for Period: January 1 - February 28, 2025

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Paul Fontaine Office of Research Administration	Global Detroit	SEMIRC FY2025 Strategic Planning Survey and Administration Feedback. Oakland University will support Southeast Michigan Refugee Collaborative facilitation team (Global Detroit) in the FY25 Strategic Planning process by conducting one-on-one interviews with SEMIRC members, attending a strategic planning meeting with all members and producing a summary report with trends and recommendations for objectives and strategies.	\$6,000	\$6,000
Colin Wu Department of Chemistry	National Science Foundation	CAREER: Molecular Recognition of 8-Oxoguanine Modified G-Quadruplexes by the FANCDJ Helicase and the REV1 Polymerase. The long-term goals of this research are to establish a Molecular Biophysics program at Oakland University and to develop an interdisciplinary single-molecule research community with my colleagues.	\$199,144	\$945,910
Hongwei Qu Department of Electrical and Computer Engineering	Michigan Economic Development Corporation (MEDC)	Advanced Manufacturing Higher Education Strategic Investment. This grant aims to expand educational opportunities to build competitive, cross-industry talent for the future of advanced manufacturing in Michigan, guided by industry input on most pressing programs, priority roles, and hiring needs, and by retaining tech and engineering graduates.	\$968,295	\$968,295
Chiaoning Su Department of Communication and Journalism	Sam Houston State University	Conference Support - Klein Center-TECO -2024. This funding will support the Taiwan-Michigan partnership. The Klein Center and TECO have organized two panel discussions to foster meaningful dialogue among Oakland University leaders, the Metro Detroit community, and state government officials.	\$2,500	\$2,500

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Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Ziming Yang Department of Chemistry	National Science Foundation	CAREER: Mechanistic Understanding of Organic Carbon and Nitrogen Transformations in Hydrothermal Systems. The goal of this research is to understand organic carbon and nitrogen formation and transformations in deep ocean hydrothermal systems. This research will also innovatively merge hydrothermal geochemistry with green chemistry to address current challenges in industry and chemical synthesis.	\$62,951	\$602,919
Vandre Figueiredo Department of Biological Sciences	National Science Foundation	BRC-BIO: Cell Cycle Regulators in Postmitotic Multinucleated Cells: Conserved Mechanisms Regulating Muscle Cell Size. The goal of this research is to investigate the role of cell cycle regulators in postmitotic muscle cells, and their potential role triggering myonuclear accretion from satellite cells, the muscle stem cell population.	\$502,986	\$502,986
Total Awards			\$2,401,350	\$3,823,755