

Agendum
Oakland University
Board of Trustees Formal Session
February 10, 2020

ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF NOVEMBER 1 – DECEMBER 31, 2019
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.

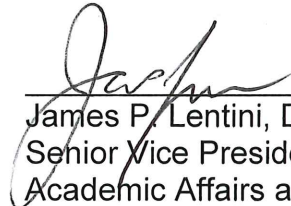
At this time, we request that the Board accept the grants and contracts reported on the attached Grants and Contracts Report, Attachment A, for the period of November 1 – December 31, 2019.

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.
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.

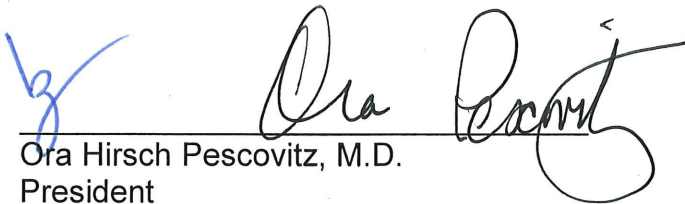
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7. **University Reviews/Approvals:** All grants and contracts are reviewed by the Research Office prior to submission to the Board to ensure compliance with federal and state laws and regulations and University policies and procedures, when applicable, 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 November 1 - December 31, 2019.
9. **Attachments:** A. Grants and Contracts Report.

Submitted to the President
on 1/24, 2020 by


James P. Lentini, D.M.A.
Senior Vice President for
Academic Affairs and Provost

Recommended on 1/24, 2020
to the Board for approval by


Ora Hirsch Pescovitz, M.D.
President

Grants and Contracts Report for Period November 1 - December 31, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
<p>Wei Zhang Department of Physics</p>	<p>Department of Energy / Argonne National Laboratory</p>	<p>Microwave Excitation of Nitrogen-Vacancy Centers in Diamond. The objective of this project is to provide service in the excitation of nitrogen-vacancy centers in diamond, using microwave techniques as part of the DoE funded project on nitrogen-vacancy center based magnetometry at Argonne National Laboratory.</p>	<p>\$ 40,000</p>	<p>\$ 79,999</p>
<p>Michael Sevilla Department of Chemistry</p>	<p>National Institutes of Health</p>	<p>Mechanisms for Radiation Damage to DNA: LET Effects. A comprehensive model of the effect of radiation on DNA will be tested that describes the model physiochemical events from the initial track structure and DNA ion-radical formation through hole and electron transfer, to chemical events that lead to secondary radicals and finally result in DNA damage such as base damage and strand breaks.</p>	<p>\$ 225,000</p>	<p>\$ 900,000</p>
<p>Deana Hays School of Nursing</p>	<p>University of Illinois / Health Resources and Services Administration</p>	<p>Midwest Integration of the National HIV Curriculum. The focus of this project is the integration of the National HIV Curriculum (NHC) e-Learning Platform into the education and training curricula of multiple health professions and institutions with an emphasis on medical, nursing, and pharmacy programs, including graduate education/residency programs.</p>	<p>\$ 10,000</p>	<p>\$ 20,000</p>

Grants and Contracts Report for Period November 1 - December 31, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Alex Zimmerman International Education	Partners of the Americas Foundation	Freshwater Ecology in the Great Lakes and Guatemala: Promoting Sustainability in an Era of Global Change. Employing field-based experimental and observational approaches in primarily aquatic ecosystems, students from Oakland University and University Studies Abroad Consortium will jointly pursue a better understanding of how human activities impact resource exchanged between ecosystems.	\$ 24,998	\$ 24,998
Christina Papadimitriou School of Health Sciences	George Washington University	No One Listens to Me - Understanding Recovery When Patients Cannot Speak for Themselves. The overall purpose of this project is to create a more complete understanding of what constitutes meaningful recovery by giving voice to the most vulnerable of individuals, specifically those who cannot speak for themselves due to being in unconscious states as a result of traumatic brain injury.	\$ 9,000	\$ 34,119
Judith Fouladbakhsh School of Nursing	Sigma Theta Tau	Self Treatment of Symptoms Affecting Quality of Life of Older Adults: A Community Based Survey. This funding is an extension of a study currently in progress to determine the prevalence of bothersome symptoms experienced by a culturally-diverse population of older adults and their self-treatment approaches to dealing with those symptoms.	\$ 1,000	\$ 1,000

Grants and Contracts Report for Period November 1 - December 31, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Laura Pittiglio School of Nursing	Sigma Theta Tau	The Use of Simulation to Enhance LGBTQ Care Competencies of Oakland University Nursing Students. A pilot study using simulation will be incorporated into a junior-level Nursing course. The simulation prepares students to provide knowledgeable and sensitive care to LGBTQ-identifying individuals. Findings from this study can then be used to guide curriculum change.	\$ 1,000	\$ 1,000
Stephen Goody Department of Art and Art History	Michigan Council For Arts and Cultural Affairs	Your Very Own Paradise Exhibition. This funding will support Oakland University Art Gallery's "Your Very Own Paradise" exhibition.	\$ 7,500	\$ 7,500
Joanna Hernandez School of Nursing	Midwest Interprofessional Practice Education and Research Center	Assessing the Effect of Cross-Disciplinary Learning for Healthcare Students. This inter-professional education initiative assesses the impact of cross-disciplinary learning on healthcare students' knowledge of safe patient handling and mobilization of patients of size.	\$ 1,000	\$ 1,000
Stephen Goody Department of Art and Art History	Art Bridges	Art Bridges Support. The purpose of this funding is to support programming and evaluation associated with the exhibition of <i>American Paintings from the Cotton Collection</i> on view at the Oakland University Art Gallery.	\$ 12,790	\$ 12,790
Total			\$ 332,288	\$ 1,082,406