

**Agendum
Oakland University
Board of Trustees Formal Session
April 8, 2019**

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

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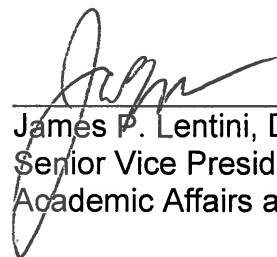
6. **Personnel Implications:** Grants and contracts awards may provide salary support for faculty, post-doctoral fellows, undergraduate and graduate students, technicians, lab managers, and other personnel, as required by the funded research project or program.

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, 2019.

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

Submitted to the President
on 3/21, 2019 by


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

Recommended on 3/21, 2019
to the Board for approval by


Ora Hirsch Pescovitz, M.D.
President

Grants and Contracts Report for Period January 1 - February 28, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Michael Sevilla Department of Chemistry	National Institutes of Health	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.	\$ 218,250	\$ 443,250
Christina Papadimitriou School of Health Sciences	University of Illinois, Chicago	Peer Health Navigation for Medicaid Beneficiaries with Physical Disabilities: A CBPR Intervention. Medicaid beneficiaries with disabilities experience structural, financial, cognitive, attitudinal and physical barriers to healthcare that put them at high risk of health disparities. Our OP-ENS intervention will assist in coordinating care for these individuals.	\$ 18,947	\$ 55,537
Jo Reger Department of Sociology, Anthropology, Social Work and Criminal Justice	Sociologists for Women in Society	Editorship of Gender and Society. This funding will be used for editorial, management, and production costs associated with the production of the journal Gender and Society for a three-year term.	\$ 43,638	\$ 557,089

Grants and Contracts Report for Period January 1 - February 28, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Sergey Golovashchenko Department of Mechanical Engineering	Fiat Chrysler Automobiles	CLIC Form. This funding will provide support for CLIC Form educational and research programs on sheet metal forming and will include special instruction by invited lecturers.	\$ 110,264	\$ 441,056
Thomas Raffel Department of Biological Sciences	National Science Foundation	A Metabolic Theory Approach to the Thermal Biology of Parasitism. The objective of this research is to test metabolic theory based models for parasite and host responses to temperature.	\$ 253,032	\$ 964,898
Trent Jourian Department of Organizational Leadership	National Student Affairs Administrators in Higher Education	Activating Trans Masculine College Students' Reflections on Campus Experiences, Masculinity, and Community-Building through Long-Term Online Focus Groups. This research will explore the identity and community building processes of diverse trans masculine college students, and how those processes are mediated by online environments.	\$ 1,500	\$ 1,500

Grants and Contracts Report for Period January 1 - February 28, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Florence Dallo School of Health Sciences	University of Michigan (NIH)	Michigan Center for Contextual Factors in Alzheimer's Disease (MCCFAD). As part of the larger grant, this pilot project has the goal of understanding the prevalence of risk factors for and mortality related to ADRD among Arab Americans ages 65 and older compared to NHW, NHB and Asian Americans using several sources and methods. The sources are national data sets, as well as state and hospital level data.	\$ 30,400	\$ 30,400
Krzysztof Kobus Department of Mechanical Engineering	State of Michigan	MICUP-HTech Jobs of the Future Program. A College - University Partnership is proposed here beginning with MCC and OCC, and building on the M2O and O2O programs to create a service avenue for students interested in high-tech fields with a focus on bioengineering, renewable energy and mechatronics. The partnership will include student services to help them remain in the program from the community college to Oakland University.	\$ 88,735	\$ 88,735
Krzysztof Kobus Department of Mechanical Engineering	US Army	US Army Research and Engineering Apprenticeship. Two high school students are funded to work on research projects in the summer.	\$ 2,000	\$ 2,000

Grants and Contracts Report for Period January 1 - February 28, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Omar Brown-EI Student Services Center for Multicultural Initiatives	State of Michigan	Collectively Oakland Retains Everyone (CORE). CORE is a program that pairs underrepresented students with an entering HS GPA below 3.0 and/or SAT of 1050 or below with resources that focus on their specific needs. Students in the program are required to attend a week-long summer enrichment program. This program is a collaboration between the divisions of Student and Academic Affairs, facilitated by the CMI office.	\$ 100,483	\$ 100,483
Jennifer Lucarelli School of Health Sciences	Sheriff PAL/United Way	PAL Needs Assessment and Evaluation. United Way for Southeast Michigan has provided the Sheriff PAL program with a \$200,000 grant to support operational costs, expand athletic and mentoring programs within the community, and strengthen community partnerships and collaborations. Dr. Jennifer Lucarelli will lead evaluation activities associated with Sheriff PAL programming, conduct a community needs assessment, and examine the efficacy of community collaborations that promote health, wellness, and youth development within the City of Pontiac.	\$ 15,000	\$ 15,000

Grants and Contracts Report for Period January 1 - February 28, 2019

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Yang Xia Department of Physics	National Institutes of Health	ACL-Deficiency Modifies Topographical Degradation in Posttraumatic Osteoarthritis. Trauma is one of the leading etiologic factors for knee osteoarthritis, which can introduce a cascading series of adverse events that leads to the onset and progression of posttraumatic osteoarthritis. The central hypothesis is that the presence of the ACL-deficiency accelerates the adverse events in the progression of tissue degeneration when compared to the impact alone or the ACL-deficiency alone.	\$ 443,531	\$ 2,229,522
Sergey Golovashchenko Department of Mechanical Engineering	Fiat Chrysler Automobiles LLC	CLIC Form. This funding will provide support for CLIC Form educational and research programs on sheet metal forming and will include special instruction by invited lecturers.	\$ 110,264	\$ 441,056
			\$ 1,436,044	\$ 5,370,526