

Agendum
Oakland University
Board of Trustees Formal Session
June 6, 2016

ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF MARCH 1 - APRIL 30, 2016
A Recommendation

1. **Division and Department:** Academic Affairs/Office of Research Administration
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 March 1 – April 30, 2016

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 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 Office of Research Administration 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.

Acceptance of Grants and Contracts to
Oakland University for the Period of
March 1 – April 30, 2016
Oakland University
Board of Trustees Formal Session
June 6, 2016
Page 2

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 March 1 – April 30, 2016.
9. **Attachments:** A. Grants and Contracts Report.

Submitted to the President
on 5/25, 2016 by



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

Recommended on 5/26, 2016
to the Board for approval by



George W. Mynd
President

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Lawrence Herriman Macomb INCubator	Grand Valley State University/MEDC	Business Accelerator Fund Client Engagement-MEDAR. The objective for this project is to make accelerator services available statewide, make services available to high priority companies in regions, share accelerator best practices statewide, build lasting collaborations, and create jobs to catalyze multiplier effect.	\$ 22,240	\$ 22,240
Gopalan Srinivasan Department of Physics	Virginia Polytechnic Institute and State University/DARPA	A MATRIX Solution to Solid State Devices for Scalable, Integratable, and Efficient Signal and Power DARPA. This research is aimed at ferromagnetic and ferroelectric composite-based devices for high frequency electronics.	\$ 40,000	\$ 240,000
Omar Brown-EI Center for Multicultural Initiatives	State of Michigan	C.O.R.E. Program. The goal of this program is to support underrepresented students who attend Oakland University with services provided by the Center for Multicultural Initiatives.	\$ 91,364	\$ 91,364
Huirong Fu Department of Computer Science and Engineering	National Security Agency	2016 GenCyber Camps. This project is a comprehensive, hands-on, activity-based, student-centered summer camp program to deliver substantive cybersecurity training to K-12 students.	\$ 100,000	\$ 100,000
Amy Butler OU INCubator	Grand Valley State University/MEDC	Business Accelerator Fund Client Engagement-GSD Systems. The objective for this project is to make accelerator services available statewide, make services available to high priority companies in regions, share accelerator best practices statewide, build lasting collaborations, and create jobs to catalyze multiplier effect.	\$ 50,000	\$ 50,000

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Amy Butler OU INCubator	Grand Valley State University/MEDC	Business Accelerator Fund Client Engagement-Safety in Motion #2. The objective for this project is to make accelerator services available statewide, make services available to high priority companies in regions, share accelerator best practices statewide, build lasting collaborations, and create jobs to catalyze multiplier effect.	\$ 27,500	\$ 27,500
Yang Xia Department of Physics	National Institutes of Health	ACL-Deficiency Modifies Topographical Degradation in Posttraumatic Osteoarthritis. The long-term goal of this research is to apply the imaging-based biomarkers to detect the early degradation of cartilage and subchondral bone during the progression of osteoarthritis, so that clinical outcomes can be improved.	\$ 500,170	\$ 2,229,522
Zhang Dao Qi Eye Research Institute	National Institutes of Health	Functional Organization of the Dopaminergic Network. The long-term goal of the proposed study is to understand the mechanisms by which dopaminergic amacrineneurons are regulated by light.	\$ 36,933	\$ 1,817,368
Mark Gordon Oakland University Police Department	Oakland County Homeland Security	Emergency Management and Homeland Security Division. This funding will provide wage reimbursement for officers attending "Active Shooter Response Training" hosted by the Michigan State Police, Emergency Management and Homeland Security Division.	\$ 7,902	\$ 7,902
Yonghong Yan Department of Computer Science and Engineering	National Science Foundation/ University of Houston	SHF: Medium Collaborative Research: Compute on Data Path: Combating Data Movement in High Performance. This project combats the increasingly critical data movement challenge in high performance computing.	\$ 128,100	\$ 128,100
Total			\$ 1,004,209	\$ 4,713,996