

**Agendum
Oakland University
Board of Trustees Formal Session
June 8, 2015**

**ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF MARCH 1 – APRIL 30, 2015**
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 through April 30, 2015.

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.

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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.

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 through April 30, 2015.

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

Submitted to the President
on 6/11, 2015 by


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

Recommended on 6/1, 2015
to the Board for approval by


George W. Hynd
President

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Andrei Slavin Department of Physics	TACOM United States Army	Development of Theory of Non-Reciprocal Magnetic Metamaterials for Applications in Microwave Signal. The objective of this funding is to perform analytical calculation of the reflection and absorption coefficients of incident electromagnetic waves from the magnetic metamaterials formed by dipolarly coupled arrays of magnetic dots.	\$ 25,000	\$ 75,000
Jennifer Lucarelli School of Health Sciences	Oakland County Health	Pontiac 4x4 Plan Evaluation. Oakland University will lead evaluation activities associated with Oakland County Health Division's grant to implement the Health and Wellness 4x4 Plan in the Pontiac community.	\$ 1,000	\$ 15,254
Dao Qi Zhang 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 amacrin neurons are regulated by light.	\$ 29,520	\$ 1,817,368
Janet Graetz Department of Human Development and Child Study	Michigan Department of Community Health	Developing and Expanding Services: Applied Behavior Analysis. Funding will be used to develop a Pilot Program in Applied Behavior Analysis (ABA) that services young children with Autism.	\$ 500,000	\$ 500,000
Zissimos Mourelatos Department of Mechanical Engineering	Fiat Chrysler Automotive LLC	Development of a Warranty Prediction Tool. The objective of this project is to develop a model to predict the failure rate of a vehicle fleet as a function of mileage and month in service.	\$ 70,000	\$ 70,000
Julie Gustafson Macomb INCubator	Grand Valley State University/MEDC	Business Accelerator Fund Client Engagement-KTISIS. 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.	\$ 13,050	\$ 13,050
Bradley Roth Department of Physics	Henry Ford Health System	Graduate Student Support for Medical Physics Research at Henry Ford Hospital. The objective of this funding is to support Biomedical Sciences. This support allows many of our best and brightest graduate students to work in the world-class laboratory of Distinguished Professor Michael Chopp and his colleagues, many of whom are adjunct faculty in the Department of Physics.	\$ 15,078	\$ 255,221

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-KTISIS. 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.	\$ 14,000	\$ 14,000
Osamah Rawashdeh Department of Electrical and Computer Engineering	National Science Foundation	REU Site: Interdisciplinary Research Experience in Electrical and Computer Engineering. This funding will help promote interest in research and careers in the area of Electrical and Computer Engineering. Ten participants will spend ten weeks in the upcoming three summers working in active research labs in the department.	\$ 122,581	\$ 366,866
Amy Butler OU INCubator	Grand Valley State University/MEDC	Business Accelerator Fund Client Engagement-KTISIS. 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.	\$ 9,560	\$ 9,560
Huirong Fu Department of Computer Science and engineering	National Science Foundation	REU Site: Undergraduate Computer Research (UnCoRe). The objective of the REU Site is to promote graduate studies in Computer and Information Science and Engineering to bright, talented under-represented undergraduate students with little exposure to research	\$ 359,988	\$ 359,988
Total			\$ 1,159,777	\$ 3,496,307