

Agendum
Oakland University
Board of Trustees Formal Session
February 24, 2014

ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF NOVEMBER 1 – DECEMBER 31, 2013
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 November 1 – December 31, 2013.

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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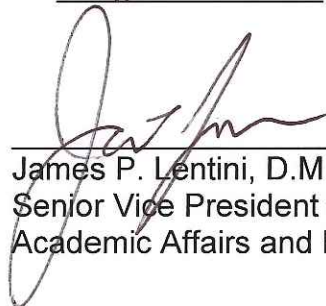
7. **University Reviews/Approvals:** All grants and contracts are reviewed by the Office of Research Administration prior to submission to the Board to ensure compliance with federal and state laws and regulations and University policies and procedures, when applicable, and with assistance from the Office 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 November 1 – December 31, 2013

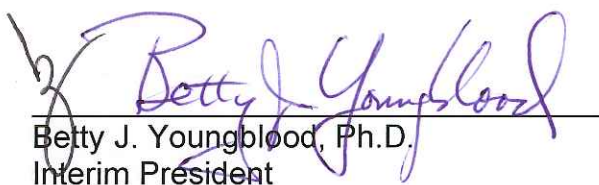
9. **Attachments:** A. Grants and Contracts Report.

Submitted to the President
on 2/13, 2014 by



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

Recommended on Feb. 12, 2014
to the Board for approval by



Betty J. Youngblood, Ph.D.
Interim President

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Mary Lose Department of Reading and Language Arts	The Ohio State University (Prime awardee of U.S. Department of Education)	OSU-ARRA- Reading Recovery i3. This project is a national collaborative partnership to scale-up Reading Recovery program implementation in schools identified for targeted assistance.	\$ 809,333	\$ 3,254,351
George Martins Department of Physics	National Science Foundation	Local Environment and Time-Dependent Effects in Nanoscale Systems. The purpose of this funding is to study the symmetry, local environment and time-dependent effects in nanoscale systems using a synergistic approach.	\$ 123,994	\$ 179,131
Julie Ricks-Doneen Department of Human Development and Child Study	United States Department of Education	Child Care Access Means Parents in School. This project will provide Pell-eligible undergraduate student-parents financial assistance with their Lowry enrolled child's tuition.	\$ 54,590	\$ 218,046
Marshall Kitchens Department of Writing and Rhetoric	National Writing Project	SEED High Needs High School Grant. This funding will be used for workshops supported by a bi-monthly online book study forum for teachers at King High school in Detroit. All discussions will be based on the writing workshop approach.	\$ 20,000	\$ 60,000
Zissimos Mourelatos Department of Mechanical Engineering	Chrysler Company LLC	Enhancements to the Chrysler Door Closing Effort Model and Development of a Liftgate Closing Effort Model: Phase II. The objective of this project is to enhance the side door closing effort model by including flexibility and perform a sensitivity and design optimization.	\$ 60,030	\$ 60,030
Jie Yang Department of Computer Science and Engineering	Stevens Institute of Technology	Making Inferences of Physical Properties to Enhance Wireless Security. The primary focus of this project is to make inferences of the physical properties, which possess domain knowledge of wireless communications and have unique characteristics, to enhance the wireless security and ensure the reliable data delivery.	\$ 100,785	\$ 100,785
Lianxiang Yang Department of Mechanical Engineering	Chrysler Company LLC	Improvement of Expanded Laser Beam in the Frontal Area System. The purpose of this funding will be to increase measurement accuracy of the Frontal Automobile Wide Area Measurement System at the Chrysler Aero/Thermal development group by improving the Expanded Laser Beam Quality in the Frontal Automobile Wide Area System.	\$ 10,000	\$ 10,000
Total			\$1,178,732	\$ 3,882,343