

Agendum
Oakland University
Board of Trustees Formal Session
April 3, 2013

**ACCEPTANCE OF GRANTS AND CONTRACTS TO OAKLAND UNIVERSITY
FOR THE PERIOD OF JANUARY 1, 2013 THROUGH FEBRUARY 28, 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.

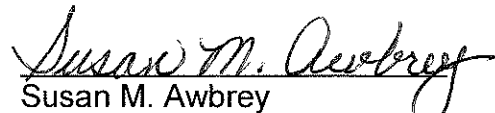
At this time, we request that the Board accept the grants and contracts reported on the attached Grants and Contracts Report, Attachment A, for the period of January 1, 2013 through February 28, 2013.

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.

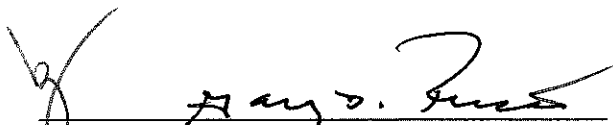
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7. **University Reviews/Approvals:** All grants and contracts are reviewed by the Office of Research Administration prior to submission to the Board to ensure compliance with federal and state laws and regulations and University policies and procedures, 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 January 1, 2013 through February 28, 2013.
9. **Attachments:** A. Grants and Contracts Report.

Submitted to the President
on 3-25, 2013 by


Susan M. Awbrey
Interim Senior Vice President for
Academic Affairs and Provost

Recommended on 3/25, 2013
to the Board for approval by


Gary D. Russi
President

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Mohamad Siadat Department of Computer Science & Engineering	Beaumont Health System	Urinary Continence Index for Prediction of Urinary Incontinence in Older Women. This funding will be used to continue research in estimating a urinary incontinence index for older women to predict whether a subject is likely to develop incontinence in the future.	\$ 21,433	\$ 21,433
Omar Brown-EI Center for Multicultural Initiatives	State of Michigan	C.O.R.E. Program. The goal of this program is to raise the first semester grade point average of the targeted population by the end of the grant cycle.	\$ 91,364	\$ 91,364
Kimberly Zelinski Meadow Brook Hall	Michigan Council for Arts and Cultural Affairs	Program for Operational and Project Support (POPS). This award will provide support for Meadow Brook Hall operational costs.	\$ 8,000	\$ 8,000
Stephan Goody Oakland University Art Gallery	Michigan Council for Arts and Cultural Affairs	Program for Operational and Project Support (POPS). This award will provide Oakland University Art Gallery funding for administrative costs, specifically the production of an accompanying exhibition catalogue and offset associated art transport fees.	\$ 12,000	\$ 12,000
Sayed Nassar Department of Mechanical Engineering	Michigan State University	Optimization of Hybrid Bolting and Joining of Dissimilar Materials. The goal of this research project is to identify and optimize joining technology for dissimilar materials joints.	\$ 236,624	\$ 236,624
Mary Lose Department of Reading and Language Arts	Reading Recovery Council of North America	Exploring Technological Innovations to Marie Clay's Reading Recovery Intervention - Teacher Training: A Research Proposal. This research will determine whether 1) participants in a Reading Recovery Teacher Training Course, delivered partially by distance technology, can learn and apply Reading Recovery theory and teaching procedures in their teaching of children in Reading Recovery and 2) discover what are these teachers' and their teacher leaders' experiences in the course via distance technology.	\$ 5,500	\$ 5,500

Principal Investigator	Awarding Agency	Title and Project Abstract	Award Amount	Total Award All Years
Mary Lose Department of Reading and Language Arts	Reading Recovery Council of Michigan	Exploring Technological Innovations to Marie Clay's Reading Recovery Intervention - Teacher Training: A Research Proposal. <i>This research will determine whether 1) participants in a Reading Recovery Teacher Training Course, delivered partially by distance technology, can learn and apply Reading Recovery theory and teaching procedures in their teaching of children in Reading Recovery and 2) discover what are these teachers' and their teacher leaders' experiences in the course via distance technology.</i>	\$ 2,000	\$ 2,000
Mary Lose Department of Reading and Language Arts	Ohio State University	OSU-ARRA- Reading Recovery i3. <i>This project is a partnership to obtain funding to scale-up Reading Recovery in schools identified for targeted assistance.</i>	\$ 533,822	\$ 1,483,517
Gopalan Srinivasan Department of Physics	United States Army	Self-Assembled Multiferroic Nanostructures and Studies on Magnetoelectric Interactions. <i>The goal of this project is to extend current research to novel self-assembled ferromagnetic-ferroelectric nanostructures and studies on ME interactions and negative index characteristics.</i>	\$ 94,000	\$ 198,000
Michael Sevilla Department of Chemistry	National Institutes of Health	Mechanisms of Radiation Damage to DNA. <i>This project will study free radical mechanisms of radiation damage to DNA.</i>	\$ 101,836	\$ 982,629
Susmit Suvas Department of Biological Sciences	National Institutes of Health	Neuropeptides and Herpetic Stromal Keratitis. <i>The objective of this research is to determine how neuropeptide SP promote corneal tissue repair and clearance of infectious HSV-1 virus from the cornea.</i>	\$ 358,359	\$ 1,812,457
Julie Gustafson Macomb Incubator	Grand Valley State University	Business Accelerator Fund-Client Engagement. <i>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 catalyze multiplier effect.</i>	\$ 34,000	\$ 34,000
Julie Gustafson Macomb Incubator	Grand Valley State University	Business Accelerator Fund-Client Engagement. <i>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 catalyze multiplier effect.</i>	\$ 9,872	\$ 9,872

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Lianxiang Yang Department of Mechanical Engineering	Chrysler LLC	DIC FLDO Determination on Pre-strained Aluminum Sheets. <i>The objective of this project is to use the Digital Image Correlation method to measure at Chrysler or US Steel the Sheet surface strain history of samples during FLDO experiments.</i>	\$ 4,000	\$ 4,000
Julie Gustafson Macomb Incubator	Michigan Economic Development Corporation	21st Century Jobs Fund 2012 Entrepreneurial Service Provider Program. <i>The Macomb-Oakland University Incubator will administer the Defense Advanced Research Projects Agency (DARPA) Federal Matching Program for the State of Michigan.</i>	\$ 194,757	\$ 766,036
Guangzhi Qu Department of Computer Science and Engineering	Beaumont/Blue Cross Blue Shield of Michigan	Perioperative Handoff and Follow-up Checklist. <i>The goal of this project is for the development, evaluation and refinement of a tool to measure perioperative outcomes using an innovative data-mining approach.</i>	\$ 50,000	\$ 50,000
Amy Butler OU Incubator	Grand Valley State University	Business Accelerator Fund-Client Engagement. <i>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 catalyze multiplier effect.</i>	\$ 35,000	\$ 35,000
Total			\$ 1,792,567	\$ 5,752,432