

**BOARD OF REGENTS**  
**EASTERN MICHIGAN UNIVERSITY**

**REPORT**

**REPORT: WINTER 2013 UNDERGRADUATE RESEARCH STIMULUS PROGRAM AWARDS**

**ACTION REQUESTED**

It is recommended that the Board of Regents accept and place on file the Report on the winter 2013 Undergraduate Research Stimulus Program Awards.

**STAFF SUMMARY**

The Undergraduate Research Stimulus Program is intended to facilitate research partnerships between undergraduate students and Eastern Michigan University faculty. Student awardees will receive a \$2,000 fellowship in support of their research efforts. This award will be in the form of a credit to the student's university account. The collaborating faculty member may receive \$500 to be used for lab/studio supplies or equipment, professional travel, or other professional expenses.

The Provost and Vice President has awarded a total of \$16,000 to eight (8) undergraduate students and \$3,000 to six (6) Eastern Michigan University faculty for research and creative projects under the Undergraduate Research Stimulus Program for winter 2013.

**FISCAL IMPLICATIONS**

The cost of Undergraduate Research Stimulus Program awards will be funded from the Provost's indirect cost recovery.

**ADMINISTRATIVE RECOMMENDATION**

The proposed action has been reviewed and is recommended for Board approval.

University Executive Officer

Date \_\_\_\_\_

**EASTERN MICHIGAN UNIVERSITY**  
**Academic Affairs**  
**Office of the Provost and Vice President**

**Undergraduate Research Stimulus Program Award**  
**Winter 2013 Winners**

1. Sarah Burke (majoring in Chemistry). “Development of a New Class of Inhibitors of Plasminogen Activator Inhibitor-1.” Faculty mentor: Cory Emal (Department of Chemistry).
2. Hector Figueroa (majoring in Biochemistry). “Running Interference on Protein Aggregation: The Effects of Non-specific Peptide Inhibitors.” Faculty mentor: Deborah Heyl-Clegg (Department of Chemistry).
3. Lauren Fowler (majoring in Psychology). “An Examination of the Relationship of Problematic Food Types to the Development of Substance Use Disorder in Post-bariatric Surgery Patients.” Faculty mentor: Karen Saules (Department of Psychology).
4. Andrew Frailing (majoring in Computer Science). “Cooperative Distributed Problem Solving.” Faculty mentor: William Sverdlik (Department of Computer Science).
5. Catherine Kaminski (majoring in Pre-Medicine). “Determining DNA Break Points in the Human Fragile Site FRAXB.” Faculty mentor: Anne Casper (Department of Biology).
6. Jeffrey Nicholas (majoring in Music). “Suite for Piano.” Faculty mentor: Joel Schoenhals (Department of Music & Dance).
7. Darin Smith (majoring in Art). “Samburu Innovations.” Faculty mentor: Gretchen Otto (Department of Art).
8. Ashley Taylor-Voss (majoring in Physics). “Global Model Simulations During Solar Flares and Dust Storms at Mars.” Faculty mentor: David Pawlowski (Department of Physics & Astronomy).