

SECTION:
DATE:
December 15, 2011

BOARD OF REGENTS
EASTERN MICHIGAN UNIVERSITY

REPORT

REPORT: WINTER 2012 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 2012 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. If awarded, this funding will be placed in the faculty mentor's departmental or school IDC account.

The Interim Associate Provost and Associate Vice President for Research has awarded a total of \$16,000 to eight (8) undergraduate students and \$3,000 six (6) Eastern Michigan University faculty for research and creative projects under the Undergraduate Research Stimulus Program for winter 2012.

FISCAL IMPLICATIONS

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

ADMINISTRATIVE RECOMMENDATION

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

University Executive Officer

11/29/11

Date

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

Undergraduate Research Stimulus Program Award
Winter 2012 Winners

1. David Boeving (majoring in Language, Literature & Writing and Philosophy). "The Gestural Language of T. S. Eliot's Poetry." Faculty mentor: Elisabeth Däumer (Department of English Language & Literature).
2. Michelle Hatto (majoring in Clinical Laboratory Sciences). "Investigating Essential Metabolic Pathways of Bacillus Anthracis." Faculty mentor: Lynne M. Shetron-Rama (School of Health Sciences).
3. Joshua Hunt (majoring in Chemistry and Biology). "Selection of Molecular Probes for Streptavidin Using Capillary Electrophoresis." Faculty mentor: Jeff Guthrie (Department of Chemistry).
4. Steven Korn (majoring in Earth Science). "Effects of the Saharan Aerosol Layer on Tropical Waves." Faculty mentor: Thomas Kovacs (Geography & Geology).
5. Benjamin C. Sharp (majoring in Chemistry). "Exploring the Use of Copolymers as an Effective Drug Delivery System." Faculty mentor: Gregg Wilmes (Department of Chemistry).
6. Jannelle Shaw (majoring in Biochemistry/Toxicology). "Verrucosipora: Antibiotic-producing soil bacteria from the Detroit River." Faculty mentor: Jamie Scaglione (Department of Chemistry).
7. Douglas Spry (majoring in Physics Research). "Investigating the Predictability of the Solar Wind." Faculty mentor: David Pawlowski (Department of Physics).
8. Kayleigh A. Watson (majoring in Biology). "Examination of the Function of the Sgs1 Protein at Fragile Site Two in Yeast DNA." Faculty mentor: Anne Casper (Department of Biology).