

SECTION: 17
DATE: April 17, 2012

BOARD OF REGENTS
EASTERN MICHIGAN UNIVERSITY

REPORT

REPORT: SUMMER 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 summer 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 and Administration has awarded a total of \$20,000 to twelve (12) undergraduate students and \$5,000 to ten (10) Eastern Michigan University faculty for research and creative projects under the Undergraduate Research Stimulus Program for summer 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

Date

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

Undergraduate Research Stimulus Program Award
Summer 2012 Winners

1. Haley Cavanaugh (majoring in Individualized Studies Program). “Costume Design for *Pygmalion* (Michigan Shakespeare Festival).” Faculty mentor: Melanie Schuessler (Department of Communication, Media and Theatre Arts).
2. Elaine Gurich (majoring in Music and German). “Innovative Approaches to Teaching German Grammar and Understanding Musical Inspiration with the Brothers' Grimm Online Corpora COSMAS.” Faculty mentor: Margrit Zinggeler (Department of World Languages).
3. John Hopkins (majoring in Chemistry). “Direct Analysis in Real Time Mass Spectrometry: Developing a Tool for Rapid Analysis of Ancient Food Residues.” Faculty mentor: Ruth Ann Armitage (Department of Chemistry).
4. Danielle Hulvey (majoring in Biology). “Genetic Markers for the Identification of Unisexual *Ambystoma* Salamanders.” Faculty mentor: Katherine Greenwald (Department of Biology).
5. Kara Marsac (majoring in Geology). “Investigation of Problematic Early Paleozoic Macrofossils using Scanning Electron Microscopy and Stable Carbon Isotope Analysis.” Faculty mentor: Steven LoDuca (Department of Geography & Geology).
6. Mark J. Miller (majoring in Nursing). “Prostate Cancer, Gay Men and Their Partners: A Phenomenological Investigation.” Faculty mentor: Michael L. Williams (School of Nursing).
7. Nicole Richards (majoring in Psychology). “The Relationship between Parental Care and Communication and Sexual Behaviors and Attitudes in Emerging Adults.” Faculty mentor: Heather Janisse (Department of Psychology).
8. Lois Vasquez (majoring in Chemistry and Biology). “Testing Efficacy of a Constructed Wetland to Filter Common Water Pollutants Through Ion Chromatography.” Faculty mentor: Heather Holmes (Department of Chemistry).
9. Alyssa Winkler (majoring in Biochemistry). “Stereoselective Synthesis of Acyl Pyrrolidines.” Faculty mentor: Maria C. Milletti (Department of Chemistry).
10. Erica Mouch, Leonita Tomaj, and Alyssa Walz (majoring in Dietetics). “The Effects of High Fructose Corn Syrup Intake on Basic Physiologic Measures.” Faculty mentor: John Carbone (School of Health Sciences).