

BOARD OF REGENTS
EASTERN MICHIGAN UNIVERSITY

REPORT

REPORT: WINTER 2014 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 2014 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 Executive Vice President has awarded a total of \$16,000 to eight (8) undergraduate students and \$4,000 to eight (8) Eastern Michigan University faculty for research and creative projects under the Undergraduate Research Stimulus Program for winter 2014.

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 Executive Vice President

Undergraduate Research Stimulus Program Award
Winter 2014 Winners

1. Morgan Callewaert (majoring in Biochemistry). "Determining Microsatellite Variation in Three Species of *Megistostegium*." Faculty mentor: Margaret Hanes (Department of Biology).
2. Philip Elugbemi (majoring in Biology). "Synthesis of Novel Peptide Mimics as Inhibitors of Plasminogen Activator Inhibitor-1 (PAI-1)." Faculty mentor: Cory Emal (Department of Chemistry).
3. Carly Evich (majoring in Psychology). "Evaluating the Clinical Utility of the Malignant Self-Regard Questionnaire Amongst Clinical Populations." Faculty mentor: Steven Huprich (Department of Psychology).
4. Melissa Judd (majoring in Art). "The Art of Curves: Experimentation in Bending Wood." Faculty mentor: John DeHoog (Department of Art).
5. Halley Marconnay (majoring in Biology). "Spatial and Temporal Patterns in Microbial Community Composition and Function throughout a Watershed." Faculty mentor: Kristin Judd (Department of Biology).
6. Yeji Park (majoring in Biochemistry). "Fighting Bacterial Resistance: Hydrophobic Aromatic Modifications in a Linear Antimicrobial Peptide." Faculty mentor: Deborah Heyl-Clegg (Department of Chemistry).
7. Yuan Ross (majoring in Chemistry and Biology). "Toxiodynamics of Ethacrynic-Acid Derivatives: Therapeutic Implications in Modifying the α,β -unsaturated Carbonyl Unit of Organic Compounds in Drug Synthesis." Faculty mentor: Ingo Janser (Department of Chemistry).
8. Jumanah Saadeh (majoring in Biology). "The Epigenetic Basis for Reproductive Isolations." Faculty mentor: David Kass (Department of Biology).