RECOMMENDATION

WINTER 2019 AND SUMMER 2019 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 2019 and Summer 2019 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.

WINTER 2019: The Provost and Executive Vice President of Academic and Student Affairs has awarded a total of $18,000 to nine (9) undergraduate students and $3,975 to eight (8) Eastern Michigan University faculty for Winter 2019 and research and creative projects under the Undergraduate Research Stimulus Program.

SUMMER 2019: The Provost and Executive Vice President of Academic and Student Affairs has awarded a total of $32,000 to sixteen (16) undergraduate students and $5,150 to eleven (11) Eastern Michigan University faculty for research and creative projects under the Undergraduate Research Stimulus Program.

FISCAL IMPLICATIONS

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

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

University Executive Officer
Rhonda Longworth, Ph.D.

Date 5/22/19
WINTER 2019 UNDERGRADUATE RESEARCH STIMULUS PROGRAM AWARDS


2. Kelly Brown (majoring in Hydrogeology). “Source Tracking of Chemical and Microbiological Contaminants in Millers Creek.” Faculty mentor: Christopher Gellasch (Department of Geography and Geology).


5. Thomas Gillis (majoring in General Biochemistry). “Understanding Histone Binding Properties of a Mutant UHRF2 Protein via Epigenetics.” Faculty mentor: Brittany Albaugh (Department of Chemistry).


7. Carolyn Lammers (majoring in Clinical Laboratory Sciences). “Homeopathic Solutions on Nasal Carriage.” Faculty mentor: Lynne Shetron-Rama (School of Health Sciences).


SUMMER 2019 UNDERGRADUATE RESEARCH STIMULUS PROGRAM AWARDS

1. Jordan Draper (majoring in Secondary Education Mathematics). “Teachers' Designed Tasks to Develop Students' Statistical Thinking and Data Analysis Skills with CODAP.” Faculty mentor: Stephanie Casey (Department of Mathematics and Statistics).


4. Savannah Gariepy (majoring in Biology). “What are the Mechanisms Behind Big Bluestem (Andropogon gerardii) Grass Dominance in Prairie Restorations?” Faculty mentor: Emily Grman (Department of Biology).


9. Aubrey Martin (majoring in Biology). “Unmasking the Mystery of DNA Damage Repair” Faculty mentor: Anne Casper (Department of Biology).

11. Sarah Schmidt (majoring in Chemistry). “Synthesis of Pharmacetically Relevant Salts as PAI-1 Inhibitors.” Faculty mentor: Cory Emal (Department of Chemistry).


13. Elizabeth Tedeschi (majoring in Dietetics) “Assess the Relationship between Mediterranean Diet Adherence, Serum F2-isoprostane Levels, and Functional Status in Older Adults.” Faculty mentor: Heather Hutchins-Wiese (School of Health Sciences).

14. Hope Vaughn (majoring in Biochemistry) “A Microwave-assisted Reaction to Form Pharmaceutical Building Blocks.” Faculty mentor: Harriet Lindsay (Department of Chemistry).


16. Caleb Willette (majoring in Environmental Biology) “How Road Salts Affect Fungal Decomposition.” Faculty mentor: Kristin Judd (Department of Biology).