

SECTION: 23
DATE: June 18, 2020

**BOARD OF REGENTS**  
EASTERN MICHIGAN UNIVERSITY

**RECOMMENDATION**

**WINTER 2020 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 2020 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, which will be paid in bi-weekly installments throughout the award period. 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 of Academic and Student Affairs has awarded a total of \$20,000 to ten (10) undergraduate students and \$4,000 to eight (8) Eastern Michigan University faculty for Winter 2020 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.



June 1, 2020

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**University Executive Officer**  
**Rhonda Longworth, Ph.D.**

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**Date**

Eastern Michigan University  
Division of Academic and Student Affairs

**WINTER 2020 UNDERGRADUATE RESEARCH STIMULUS PROGRAM  
AWARDS**

1. Megan Angriawan, (majoring in Piano Performance). “The Landmark of Nineteenth Century Music - Liszt's Sonata in B Minor.” Faculty mentor: Garik Pedersen (School of Music and Dance).
2. Sara Baghdadi, (majoring in General Biochemistry). “Promoting Antibiotic Activity from Silent Biosynthetic Gene Clusters in Soil Microbes.” Faculty mentor: Paul Price (Department of Biology).
3. Alexa Cooley, (majoring in Political Science). “The Congressional Staffer's Role in Developing a Politician's Public Persona.” Faculty mentor: Jeffrey Bernstein (Department of Political Science).
4. Olivia Harvey, (majoring in Psychology). “Effectively Training Behavioral Technicians at EMU’s Autism Collaborative Center Efficiently: A Sequential Analysis.” Faculty mentor: Adam Briggs (Department of Psychology).
5. Janelle Janisse, (majoring in Clinical Laboratory Science - Pre-professional). “The Effects of Aquamin on the Bacteria of the Microbiome of the Digestive System.” Faculty mentor: Lynne Shetron (School of Health Sciences).
6. Megan Morrison, (majoring in Anthropology). “Addressing the Stigma of Alzheimer’s Disease and Related Dementias in Arab Americans.” Faculty mentor: Kristine Ajrouch (Department of Sociology, Anthropology and Criminology).
7. Verginio Persicone, (majoring in Biology). “Characterization of Cofilin in *Xenopus laevis*.” Faculty mentor: Robert Winning (Department of Biology).
8. Daniel Scrochi, (majoring in Anthropology). “Washtenaw Drug Recovery: An Anthropological Perspective.” Faculty mentor: Maria Garcia (Department of Sociology, Anthropology and Criminology).
9. Ronald Stempien, (majoring in Computer Science - Applied). “Using Deep Learning to Create a Model for PM2.5 Pollution.” Faculty mentor: Weitian Tong (Department of Computer Science).
10. Chelsea Van Buskirk, (majoring in Professional Chemistry). “Resin the Dead: A DART-MS Analysis of “Resin” on an Old Kingdom Mummy.” Faculty mentor: Ruth Ann Armitage (Department of Chemistry).