

SECTION: 12
DATE: December 13, 2019

BOARD OF REGENTS
EASTERN MICHIGAN UNIVERSITY

RECOMMENDATION

**FALL 2019 BRICKLEY ENDOWMENT FOR FACULTY PROFESSIONAL
DEVELOPMENT AND INNOVATION AWARDS**

ACTION REQUESTED

It is recommended that the Board of Regents accept and place on file the report on the Fall 2019 Brickley Endowment for Faculty Professional Development and Innovation awards.

STAFF SUMMARY

The James H. Brickley Endowment for Faculty Professional Development and Innovation award winners for fall 2019 have been identified. Information on the award recipients and their winning projects is found on the following pages. We expect that as a result of the awards provided, we will be able to come back to you in future meetings to report on subsequent research activity by these faculty, whether it be in receiving internal or external grant awards, or patents, or other recognition for their scholarship. In this manner we hope to portray a continuum of faculty research activity.

The purpose of the fund is to facilitate faculty professional development and innovation through a broad range of activities, including but not limited to, things such as (1) reassigned time from teaching for scholarly, creative, and innovative endeavor; (2) conference presentations; (3) travel; (4) hiring of research assistants; (5) purchase of special equipment or supplies for teaching, scholarly, research, creative, or innovative activities; (6) development of a grant proposal for external funding; and (7) similar or related academic activities.

FISCAL IMPLICATIONS

None. The cost of awards is covered by an expendable fund associated with the James H. Brickley Endowment for Faculty Professional Development and Innovation and other designated funds.

ADMINISTRATIVE RECOMMENDATION

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



University Executive Officer
Rhonda Longworth, Ph.D.

11-20-2019

Date

The logo for Eastern Michigan University (EMU) is a dark green circular emblem with the letters 'EMU' in white, serif font. The background of the entire page features a close-up photograph of a person's hands holding a pen over an open book with printed text.

EMU

Office of
Graduate
Studies and
Research

James H. Brickley Endowment for Faculty Professional Development and Innovation

The James H. Brickley Endowment for Faculty Professional Development and Innovation was established by Anthony and Lois Evans in 2016. The purpose of this award is to facilitate faculty professional development and innovation through scholarly, creative, and innovative activity. This award cycle successfully funded 15 projects, with at least one award presented to faculty from each of the five colleges and to the library. A grand total of \$56,127 was disbursed. Since the first award cycle in fall 2017, 72 individual projects have received funding.

Congratulations to the Fall 2019 Award Winners



**Brigid Beaubien (Department of Teacher Education).
"Project Based Learning 201 Certification." \$2,950.**

Dr. Beaubien will be attending the National Project Based Learning conference at the Buck Institute of Education in San Francisco, California to receive the second-tier of training for Project Based Learning (PBL 201). This training emphasizes the importance of student-centered projects and has been found to improve performance in high-poverty school districts. Dr. Beaubien will be the first faculty member certified in these teaching principles at Eastern Michigan University.



**Tana Bridge and Caren Putzu (School of Social Work).
"Addressing Gaps in Care for Substance Exposed Infants."
\$7,650.**

Dr. Bridge and Dr. Putzu are investigating the effect of the opioid epidemic and gaps in care services for infants who are born substance exposed in Michigan. The funding will allow the pair to obtain instructional release for Winter 2020 to develop a multidisciplinary protocol, form three state-wide committees, complete a literature review, and data analysis. In Summer 2020, they plan to present their findings at the Citizen's Review Panel Conference.



**Karen Ann Craig (Accounting and Finance).
"Dissemination of Finance Pedagogical Research." \$1,240.**

Dr. Craig's research focuses on evaluating the importance of structured student reflection to improve student performance in the introductory finance classroom. She has drafted a full manuscript of her findings and will be presenting her work at the Southern Finance Association Annual Conference in late November. Additionally, she will use the audience feedback from the conference to improve her manuscript and submit it for journal review by the end of January.



**Megan Endres and Alankrita Pandey
(Department of Management)**

"High-Performance Work Practices: Meeting Needs of Employees who are Caregivers of Autistic Individuals." \$4,400.

Dr. Endres and Dr. Pandey are conducting a large-scale survey to capture the usage of High-Performance Work Practices (HPWP), such as flexible work hours and location, to accommodate employees who are caregivers of individuals with autism-related disorders. The funding will allow for rental of the highly-regarded membership email list of the Society for Human Resource Management as well as incentives for survey participation.



Suzanne Gray (University Library & Women's and Gender Studies).

"Supporting Well-being and Student Success Through Mindfulness Programming." \$4,815.

Professor Gray aims to increase the availability of mindfulness programming on EMU's campus. In Summer 2020, she plans to attend the Breathe For Change two-week intensive training and the Comprehensive Learn to Breathe Training Workshop to gain expertise. After attending, she plans to develop a regularly scheduled course offered to EMU students, form a collaborative on campus, and provide faculty with the tools needed to integrate mindfulness practices into their curriculum.



Roxanne Katus (Department of Mathematics & Statistics).

"Plasma Sheet Injections." \$3,825.

Dr. Katus's research focuses on providing a view of the spatially dependent energy flow in the magnetosphere over seven years. External funding from NASA and internal funding have supported her prior research and allowed her to create, archive, and analyze equatorial inner magnetospheric ion temperature data. She outlined a method of detecting geomagnetic substorm injections that are only visible using her new data set. Working with Dr. Amy Keese from the University of New Hampshire, Dr. Katus will perfect the injection detection method and conduct case studies to determine the physics surrounding substorms. Dr. Katus will use this funding for instructional release.



"I am pleased and honored to accept the Brickley Award. This opportunity will enable me to complete an important component of my research."



Jamie Lawler (Department of Psychology).

“Promotion of Early Childhood Mental Health: Clinical Training and Research Dissemination.” \$5,000.

Dr. Lawler will travel to Melbourne, Australia in Summer 2020 to receive training in the Tuning into Kids (TIK) program, which is designed to teach parents “emotion-coaching” strategies to use with their young children. Following her trip, she will bring the intervention back to EMU to train graduate student clinicians and implement it into the EMU Early Childhood Satellite Clinic. She has submitted two abstracts to present at the World Association for Infant Mental Health (WAIMH) conference in June 2020 in Brisbane, Australia.



John McCurdy (Department of History and Philosophy). “Sexual Revolutions in Early America.” \$4,500.

Dr. McCurdy will be traveling to the National Archives of Ireland in Dublin, Ireland and the British Library in London, England, to continue his research into the trial of Lieutenant Robert Newburgh. He is looking into the trial’s relationship to the perception of gender and sexuality in the era of the American Revolution, and if the Revolution carved a place for sexual minorities in the new nation. He plans on writing a book on the Newburgh trial that would be used in history, LGBTQ+, and women’s studies courses.

“The Brickley Award is supporting my travel to archives in England and Ireland. Without this award, I would not be able to acquire the sources I need for my current book project.”



Beverly Mihalko (School of Health Sciences).

“Silver Rainbow Training Research Initiative” \$5,000.

Dr. Mihalko will be working with SAGE Metro Detroit, a nonprofit organization focused on services and advocacy for LGBTQ+ older adults, to support research on their innovative training program, the Silver Rainbow Training Research Initiative. She will work with Executive Director Angie Perone to analyze data collected from training users and identify best practices, successes, and barriers for the training model. They will collaborate on a scholarly article from this project. Dr. Mihalko will use this funding for student assistants, printing costs, and instructional release.

Eric Portenga (Department of Geography and Geology).

**“Erosion of the Santa Monica Mountains after the 2018 Woolsey Fire.”
\$1,482.**

Dr. Portenga will be collecting and analyzing samples of river sand from seven rivers along the Santa Monica Mountains along the Malibu Coast. He will be measuring the amount of isotope Beryllium-10 found in the river sand, used to calculate erosion rates, after the Woolsey Fire. He will then compare these samples to data he collected at these same seven rivers in 2016 before the wildfire. He will be one of the first geologists to evaluate the effects of a large-scale wildfire on isotope Beryllium-10 measured in river sand. Additionally, He hopes to meet with the Park Superintendent of the Santa Monica Mountains National Recreation Area to relay his findings to citizens of the Malibu Coast. Lastly, this project will allow three EMU undergraduate students to gain hands-on experience in geological research.



Idiko Porter-Szucs (Department of World Languages).

“Study of Language Assessment Class Through Three Modes of Delivery.” \$3,825.

Dr. Szucs will be investigating student success using three different teaching modalities in a class on language assessment (TSLN 520). The goal of her project is to understand the experiences of the three groups and contribute to the knowledge of language teacher training. Additionally, she hopes to investigate the feasibility of incorporating online students into an on-campus class, which may lead to the future opportunity of enrolling long-distance ESL students into on campus classes. Dr. Szucs will use this funding for instructional release during the Winter 2020 semester in order to pursue this scholarly endeavor.

“[The award] is enabling me to research the success of students enrolled in the same class through three different modes of instruction: face to face, asynchronous online, and synchronous online.”



Amani Rashid (Department of Economics).

“CeMENT Mentoring Workshop for Non-Doctoral Faculty.” \$560.

Dr. Rashid will be attending the 2020 CeMENT Mentoring Workshop which will allow her to gain professional development through mentoring and attending workshops aimed at the research publication process, teaching, professional networking, and tenure. This opportunity will allow Dr. Rashid to design new elective courses at EMU aligned with her field of interest, integrate statistical analysis software into the classroom, and professionally advise graduate student research. Additionally, she is a co-founder of the Women in Economics Club and hopes to gain valuable insight on how to grow and sustain the organization on campus.





**Phil Rufe (School of Engineering Technology).
"Additive Manufacturing Education Needs Assessment and
Curriculum Development." \$4,000.**

Professor Rufe will work with the EMU Additive Manufacturing Advisory Group to identify the additive manufacturing education needs of degreed engineers, develop a course(s) to meet those needs, and identify the best mode of delivery. He will create an online assessment survey, analyze data, and submit the findings of this project to the Additive Manufacturing User Group (AMUG) March 2020 conference in Chicago, IL. This funding will allow Professor Rufe to rent an email list of 2,677 members of the Society of Manufacturing Engineers to distribute the survey and to travel to the AMUG conference.



**Elena Sanchez-Vizcaino (Department of Communication, Media,
and Theatre Arts).**

**"New Technologies and Accessibility in the Performing Arts."
\$4,180.**

Dr. Sanchez-Vizcaino will use this funding to purchase tactile audio seated system backpacks and smart caption glasses to evaluate and increase accessibility at the EMU Theatre. A mask microphone will also be purchased to provide audio descriptions at the EMU Sponberg Theatre. She will apply the new technologies to current accessibility shows, collect feedback from patrons, and analyze the data. She will present her findings and prepare a journal article for the Association of Theatre and Higher Education 2020 conference in Detroit, MI.



Andrea Zakrajsek (School of Health Sciences).

**"Immersing in a Global Model to Foster Opportunities & Innovations
for Diversity and Inclusion Based upon Age." \$2,700.**

Dr. Zakrajsek will use this funding to engage with Dublin City University (DCU) as a Visiting Fellow in Spring 2020 to conduct an in-depth examination of the university's activities, efforts, and programming to support age-friendly initiatives. She will immerse herself in the culture and community at DCU, meet with DCU faculty, and serve as a conduit for shared research between DCU and EMU's Age-Friendly University Steering Committee Members. After her stay at DCU, Dr. Zakrajsek will seek external funding opportunities to develop innovative programming in support of nontraditional learners at EMU.

"The Brickley Award will allow me to continue this work globally by collaborating with the leader of the AFU initiative, Dublin City University, and bring back best practices and new opportunities for EMU!"