

SECTION: 13
DATE: 4-20-18

BOARD OF REGENTS
EASTERN MICHIGAN UNIVERSITY

REPORT

REPORT: 2018 SUMMER RESEARCH AWARDS

ACTION REQUESTED

It is recommended that the Board of Regents accept and place on file the Report on the 2018 Summer Research Awards.

STAFF SUMMARY

The Summer Research/Creative Activity Award (SRA) is intended to encourage and support the research, creative, artistic, and scholarly endeavors of full-time tenured or tenure-track EMU faculty during the summer months (May-August) by providing stipends of \$12,000 for outstanding proposals in lieu of summer teaching assignments. Faculty may apply in teams. Each team member is allowed to request a full award, but each benefiting member must submit a full electronic application.

FISCAL IMPLICATIONS

None. The cost of the fellowships will be absorbed in the faculty salary budget.

ADMINISTRATIVE RECOMMENDATION

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

[Redacted Signature]

University Executive Officer

4/2/18
Date

EASTERN MICHIGAN UNIVERSITY
DIVISION OF ACADEMIC & STUDENT AFFAIRS

2018 SUMMER RESEARCH AWARD

1. Amanda Allen, (English Language and Literature). "Noel Streatfeild's Shoes in America: Streatfeild's Transatlantic Influence on American Girls' Fiction."
2. Michael Angell, (Biology). "Field and Experimental Analysis of Viral Infection in Cyanobacteria."
3. Eamonn Arble, (Psychology). "Maintaining Performance in Spatial Cognition: A Model of Resilience."
4. Grigoris Argeros, (Sociology, Anthropology, and Criminology). "Racial and Generational Differences in Neighborhood Outcomes among Hispanics in the U.S."
5. Meriam Caboral-Stevens, (Nursing). "Estimating Risk of Error Based on Combined Scores on Pharmacology Knowledge Questionnaire and Certainty of Undergraduate Nursing Students."
6. Jonathan Carter, (Communication, Media, and Theatre Arts). "Political Memes: Networked Technologies and the Changing Face of Civic Rhetorics."
7. Howard Cass, (Music and Dance). "Recording, Editing, Publication, and CD Release of a Newly Composed Original Jazz Quartet Suite."
8. Chong Man Chow, (Psychology). "Fat Talk and Body Image Disturbances Between Female Friends: A Dyadic Diary Study."
9. D. Crystal Coles, (Social Work). "Understanding the Complexity of Food Insecurity, Academic Performance, and Student Retention."
10. Brian Connolly, (Biology). "Warming Woods: Climate Change, Herbivores, and the Fate of Future Forests."
11. Jamie Cornelius, (Biology). "Metal Contamination and Plumage Condition in Urban Birds across Michigan Cities."
12. Michael Doan, (History and Philosophy). "Writing a Book on Epistemic Injustice and Emergency Management."

13. Margaret Dobbins, (English Language and Literature). "Queer Accounts: Victorian Literature and Economic Deviance."
14. Cory Emal, (Chemistry). "Analysis of the Impact of Xanthohumol Levels on Beer Flavor and Aroma."
15. Ashley Falzetti, (Women's and Gender Studies). "Awikiiawii!/Let's Write!"
16. Xianghong Feng, (Sociology, Anthropology, and Criminology). "Conduct Ethnographic Fieldwork for a New Research Project Entitled 'Impacts of Individual's Mobility on Family Cohesion in Rural Ethnic China'."
17. Jason Ferguson, (Art and Design). "Volume Reimagined: Using CNC Milling to Create Precision Volumetric Sculptures."
18. Rachel Gramer, (English Language and Literature). "Stories at Work: Phase Two of a Longitudinal Narrative Study of New Writing Teachers' Identity Learning."
19. Jeromy Hopgood, (Communication, Media, and Theatre Arts). "MonUmental – Creating a Multimedia Public Art Installation."
20. Qin Hu, (Engineering Technology). "Molecular Dynamics Based Assessment of Shockwave-Augmented Electroporation on Cell Membrane."
21. Ashley Johnson Bavery, (History and Philosophy). "Muslim Americans in Greater Detroit."
22. Andrii Kashliev, (Computer Science). "A Software Tool for Optimizing Big Data Databases."
23. Tareq Khan, (Engineering Technology). "A Noninvasive Wearable Gadget for Diaper Moisture Detection, Classification, and Notification."
24. Anthony Koschmann, (Marketing). "The Paycheck-to-Paycheck Consumer: Where, What, and How Much They Buy."
25. Deborah Laurin-Phelan, (Teacher Education). "Caregiver-Infant/Toddler Interactions during Diapering: Indirect Effects of Involvement on the Relationship Between Use of Caregiver Affection and Encouragement on Child Well-Being."
26. Jamie Lawler, (Psychology). "The Development of Self-Control in Early Childhood and Its Implications for Socioemotional Development and Mental Health."
27. Laura McMahon, (History and Philosophy). "Essential Insecurity: Merleau-Ponty and the Nature of Political Life."

28. Christine Neufeld, (English Language and Literature). "Inscriptions and Extraordinary Forms of Writing in Medieval Literature."
29. John Oswald, (Geography and Geology). "Globalizing the Amish: Prosperity and Pitfalls of Socio-Economic Integration into the World Economy."
30. John Palladino, (Special Education). "Ethical Special Education Leadership: Responding to the 2017 Supreme Court of the United States Special Education Ruling."
31. Biswajit Panja, (Computer Science). "Security in Wireless Implantable Medical Devices (IMD) using Digital Certificates."
32. Eric Portenga, (Geography & Geology). "Taking a Second Look at Our Eroding Planet: Updating the Global Erosion Rate Database."
33. Yaman Roumani, (Computer Information Systems). "Identifying the Riskiest Software Vulnerabilities."
34. Amy Sacksteder, (Art and Design). "Eruptions and Interruptions: Querying Our Use of Public and Privately Owned Spaces via Painting, Paper Cutting and Collage."
35. Elena Sanchez Vizcaino, (Communication, Media, and Theatre Arts). "Accessible Theatre at EMU."
36. Joel Schoenhals, (Music and Dance). "A Century of Chinese Piano Work."
37. Hannah Seidel, (Biology). "Role of the Starter Gene in Controlling the Continuous Cell Cycle."
38. Rita Shah, (Sociology, Anthropology, and Criminology). "'Smart on Crime' or Policy as Usual? An Analysis of California's Shift to a Rehabilitative Department of Corrections."
39. Amanda Stype, (Economics). "Veteran Household Use of Government Transfer Programs and the Impact on Financial Stability."
40. Thomas Waltz, (Psychology). "Systematic Review and Meta-Analysis of Clinically Significant Change in Mental Health Outcomes Research."