

EASTERN MICHIGAN UNIVERSITY
2024 SUMMER RESEARCH AWARDS
April 18, 2024

1. Eric Acton, (English Language & Literature). “Co-authoring a book on social meaning.”
2. Brittany Albaugh, (Chemistry). “Late-stage refinement of the crystal structure of UHRF2 bound to Histone 3.”
3. Sadaf Ali, (Communication, Media & Theatre Arts). “Meeting the Needs of BIPOC Students Through Mentoring Initiatives: Phase Two.”
4. Yvonne Allsop, (Health Promotion & Human Performance). “They Asked WHAT?... Sex Ed and Middle Schoolers: Questions Everyone Should Know.”
5. Peter Blackmer, (Africology & African American Studies). “Research for Book Proposal on the Northern Student Movement.”
6. Leslie Blome, (Special Education & Communication Sciences and Disorders). “Physician Assistant Autism Training at EMU: An Interprofessional Research Project.”
7. Nancy Bryk, (Geography & Geology). “I have the best story for you:” Transcribing and Researching Recollections of 19th c. America.”
8. Meriam Caboral-Stevens, (Nursing). “Health Coaching Among Asian Americans: Data Analysis and Dissemination.”
9. Anne Casper, (Biology). “Retrotransposons and Translocations in DNA Repair.”
10. Rui Chen, (Engineering). “Machine-Learning Enhanced Flexible Sensor for Complex Movement Detection.”
11. Margeaux Claude, (Art & Design). “Material Development and Sustainability in Ceramics.”
12. Deb Crawford, (Leadership & Counseling). “A Qualitative Exploration of LGBTQ+ Thriving.”
13. Ryan English, (Visual & Built Environments). “Interactive: Design, Development, and Creation of an Artifact.”
14. Bradley Ensor, (Sociology, Anthropology & Criminology). “Archaeological Research Dissemination on the Camaronera Lagoon, Veracruz, Mexico.”
15. Robert Erlewine, (History & Philosophy). “Grieving Nature: Jewish Thought in the Anthropocene.”

16. Jason Ferguson, (Art & Design). “The Impact of Context on Value: Using Digital Fabrication to Alter the Mundane.”
17. Catherine Gammon, (Health Promotion & Human Performance). “Systematic Review of the Influence of Physical Activity Environment on College Students’ Affective and Emotional Responses to Physical Activity.”
18. Maria Luz Garcia, (Sociology, Anthropology & Criminology). “Collaborative Approaches to Language Access in Maya Immigrant Communities in the U.S. Midwest.”
19. Yunguo Guan, (Information Security & Applied Computing). “Privacy-Preserving and Robust Data Collection in Intelligent Transportation Systems.”
20. Rob Halpern, (English Language & Literature). “The Writers' Bloc: Poetry from Inside Women's Huron Valley Prison.”
21. Naomi Hashimoto, (Special Education & Communication Sciences and Disorders). “A Combined Working Memory-Semantic Feature Analysis Approach to Treat Naming Deficits in People with Aphasia.”
22. Jeromy Hopgood, (Communication, Media & Theatre Arts). “Prometheus – Creating a Multimedia Performance Piece.”
23. Christine Hume, (English Language & Literature). “Completing Litanies, a Collaborative, Creative Project Featuring Women in the Act of Resistance.”
24. Raed Jarrah, (Visual & Built Environments “Optimal Sustainable Building Height”
25. Melissa Jones, (English Language & Literature). “No Guardrails: Teaching and Learning in Times of Trauma.”
26. Tauheed Khan Mohd, (Information Security & Applied Computing). “Enhancing Security in Autonomous Vehicle Electronic Control Units: A Virtualized Approach to CAN Bus Communication Vulnerability Assessment.”
27. Noel Koller-Ditto, (Nursing). “An Integrative Health Coaching Program to Decrease Depression and Obesity in Washtenaw County Adult Women.”
28. You Li, (Communication, Media & Theatre Arts). “Preserving Women Journalists’ Collective Memories of Covering the COVID-19 Pandemic Around the World.”
29. Dyann Logwood, (Women's & Gender Studies). “Meeting the Needs of BIPOC Students Through Mentoring Initiatives: Phase Two.”
30. Andrew Mansfield, (Engineering). “Automated Engine Calibration Methods using Artificial Intelligence - A Pathway to Reduce Large Vehicle Emissions.”
31. Inae Oh, (Health Promotion & Human Performance). “Esport media contents analysis: Understanding the factors that affect channel and video popularity.”

32. Margaret Ann Paauw, (Social Work). "Library Social Work Practice Across the United States in Two Articles."
33. Ildiko Porter-Szucs, (World Languages). "Administering TriHy: Insights from University Administrators."
34. Jenni Putz, (Economics). "Shedding Light on PCBs: Analyzing PCB Fixture Replacement and Academic Achievement in New York City Schools."
35. Meriah Sage ,(Communication, Media & Theatre Arts). "Uncovering Hidden and Erased Histories in Drama & Theatre for Young Audiences."
36. Ken Saldanha, (Social Work). "International Labor Migrants and the Present Humanitarian Crisis: Who They are, how They Cope, and Highlighting Those Providing Care for Them."
37. Matthew Schaffer, (Economics). "Quantitative Easing and the Pandemic Housing Boom."
38. Rita Shah, (Sociology, Anthropology & Criminology). "Fulbright Project Book Writing."
39. Ourania Spantidi, (Computer Science). "Walk the Talk: AI-Driven Virtual Reality for Gait Analysis Education."
40. Julie Stone Rupp, (Music & Dance). "New Compositions for the Contemporary Flutist."
41. Jessica Swan, (Teacher Education). "Development and initial validation of a local measure of teacher assessment proficiency."
42. Christina Topolewski, (Social Work). "An Examination of Lori's Hands Outcome Data: Intergenerational Outcomes for Older Adults and University Students."
43. Chuyang Yang, (Technology & Professional Services). "A Real-Time Image Detection Approach Using Unmanned Aerial Systems."
44. Mehmet Yaya, (Economics). "State Policies on Alcohol Use among Pregnant Women and Infant Mortality Rates."