KENT STATE UNIVERSITY
Research and Economic Development
Doug Delahanty, Vice President for Research and Economic Development

EXTRAMURAL FUNDING REPORT

Funds awarded for
January- March 2024 $9,363,256

Total funding to date
FY2023 - 2024 $27,641,407

Research

Christine Bahlia, Biological Sciences
U. S. Department of Interior National Park Service
Butterfly community analysis in the Cuyahoga Valley National Park
03/08/24 - 09/30/25 $25,850

Ching-I Chen, Lifespan Development and Educational Sciences
Subaward The University of North Carolina at Chapel Hill /U.S. Department of Health and Human Services
Promoting Seasonal and Migrant Head Start Children’s Development: Program Practices That Matter
09/30/23 - 03/29/25 $12,166

Aldo Cimino, Anthropology
Pennsylvania State University
Hidden Event-Specific Variability in Fraternity Hazing Severity: The Role of Pledge Class and Chapter Attributions (Pilot Study)
11/15/23 - 07/01/25 $1,620

Aldo Cimino, Anthropology
North American Interfraternity Council
Rites of Passage: Motivations and Predictors Among Fraternities and Men's Athletic Teams
03/12/24 - 03/11/25 $10,000

Windy Cole, College of Podiatric Medicine
Inotec AMD Ltd
Formative Usability Evaluation - DHF-05 - NATROX, 2nd Gen
03/17/24 - 03/16/25 $12,660

Melissa Edler, Biomedical Sciences/Anthropology
National Institute on Aging
The effect of aging on neurotransmitters and motor performance in a primate model
Continuation 01/01/24 - 12/31/24 $279,087

Christopher Flessner, Psychology
Subaward HabitAward, Inc /National Institute of Mental Health
Technology Assisted Treatment for Trichotillomania
Continuation 01/01/24 - 12/31/24 $254,297

Farid Fouad, East Liverpool
Subaward Cleveland State University /National Institute of General Medical Sciences
Selenide-based electrocatalytic sensors for sensitive peroxynitrite detection in biological media
Supplement 09/01/21 - 08/31/24 $5,389

Gregory Gibson, Sociology
Richard Adams, Sociology
Anthony Vander Horst, Sociology
Subaward Maryland Department of Health /Centers for Disease Control and Prevention
Maryland PRAMS
Continuation 04/01/24 - 10/31/24 $32,502
Ann Gosky, Office of Student Research  
M.E. & F.J. Callahan Foundation  
Kent State's Summer Undergraduate Research Experience (SURE)  
Amount: $10,000  
Dates: 02/01/24 - 01/31/25

Rachael Gray, Earth Sciences  
Columbia University / National Science Foundation  
U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)  
Amount: $7,935  
Dates: 01/01/24 - 12/31/24

John Gunstad, Psychology  
National Institute on Drug Abuse  
Optimizing evidence-based HIV prevention targeting people who inject drugs on PrEP (Supplemental Funds)  
Amount: $18,239  
Dates: 07/01/23 - 06/30/24

Deniz Gurkan, College of Aeronautics and Engineering  
National Science Foundation  
CC* Integration-Small: Integrating Application Agnostic Learning with FABRIC for Enabling Realistic High-Fidelity Traffic Generation and Modeling  
Amount: $24,887  
Dates: 09/01/23 - 09/30/24

Dana Hansen, Nursing  
Subaward Northeast Ohio Medical University / Health Resources and Services Administration  
Health and Public Safety Workforce Resiliency Training Program  
Amount: $9,287  
Dates: 01/01/24 - 12/31/24

Antal Jakli, Advanced Materials Liquid Crystal Institute/ Physics  
Oleg Lavrentovich, Advanced Materials Liquid Crystal Institute/ Physics  
North Atlantic Treaty Organization  
New photosensitive polymers with embedded intelligence  
Amount: $153,765  
Dates: 04/20/23 - 04/20/26

Antal Jakli, Advanced Materials Liquid Crystal Institute/ Physics  
Torsten Hegmann, Advanced Materials Liquid Crystals Institute  
NewSight Reality, Inc.  
Nano-PDLCs for optical applications (Amendment)  
Amount: $83,219  
Dates: 09/01/23 - 02/29/24

Deric Kenne, Health Policy Management  
Subcontract Stark County Mental Health and Recovery Services Board / Substance Abuse and Mental Health Services Administration  
Stark County System of Care Data Collection  
Amount: $5,600  
Dates: 12/31/23 - 12/30/24

Deric Kenne, Health Policy Management  
Subaward Health Recovery Services, Inc. / Substance Abuse and Mental Health Services Administration  
Health Recovery Services Inc - Medication Assisted Treatment  
Amount: $150,024  
Dates: 09/30/23 - 09/29/24

Mourad Krifa, Fashion Design and Merchandising  
Cotton Incorporated  
Developing and Evaluating Analytic Tools for Improving Fiber Trait Distributions  
Amount: $50,000  
Dates: 01/01/24 - 12/31/24

Janice Kroeger, Teaching, Learning and Curriculum Studies  
Christa Boske, Foundations, Leadership and Administration  
Akron Community Foundation  
The Listening Project: travel activism for Gender Diverse & LGBTQI students in their schools  
Amount: $3,000  
Dates: 04/01/24 - 03/31/26
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<tr>
<th>Name</th>
<th>Department</th>
<th>Funding Source</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount</th>
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<td>Biological Sciences</td>
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<td>Role of the ubiquitin E3 ligase HUWE1 in age-associated nonalcoholic fatty liver disease</td>
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<td>Benjamin Kwasa</td>
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<td>01/01/24</td>
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<td>Benjamin Kwasa</td>
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<td>Subaward North Carolina State University /Defense Advanced Research Projects Agency</td>
<td>05/22/22</td>
<td>11/02/23</td>
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<td>Recycling at Point of Disposal via Energy Landscape Engineering</td>
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<td>Sangeet Lamichhaney</td>
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<td>Molecular insights into acute and chronic hypoxia tolerance: Investigating mechanisms of short-term plasticity and long-term genetic adaptation</td>
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<td>Jason Lorenzon</td>
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<td>Stephanie Fussell, College of Aeronautics and Engineering</td>
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<td>Federal Aviation Administration</td>
<td>Drones and Airplanes Engagement with VR Experience for Early Career Opportunities</td>
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<td>Elizabeth Mann</td>
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<td>Hanbin Mao</td>
<td>Chemistry</td>
<td>National Cancer Institute</td>
<td>04/01/24</td>
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<td>Mechanical Modulation of Cell Migrations by DNA Nanoassemblies</td>
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<td>Dana Miller-Cotto</td>
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<td>Brady Education Foundation</td>
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<td>Examining effects of assessor identity and context on children’s executive function performance</td>
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<td>Hossein Mirinejad</td>
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<td>CAREER: Towards Safe and Interpretable Autonomy in Healthcare</td>
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<td>Bridget Mulvey</td>
<td>Teaching, Learning and Curriculum Studies</td>
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<td>09/15/22</td>
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<td>Collaborative Research: The Origin of the Large Brains of Cetaceans</td>
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<td>Joseph Ortiz</td>
<td>Earth Sciences</td>
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<td>08/15/24</td>
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<td>OSGC Master’s Fellowship for 2024-2025 - Schofield</td>
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Joseph Ortiz, Earth Sciences  
Subaward Ohio Space Grant Consortium / National Aeronautics and Space Administration  
Ohio Space Grant Consortium AY 24/25 Fellowship - Baird  
Continuation 08/15/24 - 05/31/25 $20,000

Joseph Ortiz, Earth Sciences  
Subaward Ohio Space Grant Consortium / National Aeronautics and Space Administration  
OSGC 2024-2025 STEM Scholarships - Heferl, Shenal, Colbrunn  
Continuation 08/15/24 - 05/31/25 $10,500

Joseph Ortiz, Earth Sciences  
Subaward Ohio Space Grant Consortium / Ohio Department of Higher Education  
OSGC Master’s Fellowship for 2024-2025 - Sharkey  
Continuation 08/15/24 - 05/31/25 $10,000

Joseph Ortiz, Earth Sciences  
Subaward Ohio Space Grant Consortium / National Aeronautics and Space Administration  
Ohio Space Grant Consortium AY24/25 Fellowship - Vederico  
Continuation 08/15/24 - 05/31/25 $23,400

Richard Piet, Biological Sciences  
National Institute of Child Health and Human Development  
Suprachiasmatic nucleus to kisspeptin circuit in the circadian control of reproduction  
Continuation 02/01/24 - 01/31/25 $307,800

Mary Ann Raghanti, Anthropology  
Melissa Edler, Biomedical Sciences/Anthropology  
Subaward MD Anderson Cancer Center / National Institute on Aging  
Alzheimer's Disease Pathology in a Primate Model  
Continuation 02/01/24 - 01/31/25 $200,519

Alison Smith, Earth Sciences  
Bournemouth University  
Peopling of the Tularosa Playa during the Last Glacial Maximum  
06/01/23 - 05/31/24 $2,500

Chelsea Smith, Earth Sciences  
Allyson Tessin, Earth Sciences  
National Geographic Society  
From surface to sediment: Investigating the spatial variability of carbon stabilization in Arctic lake sediments  
05/01/24 - 04/30/25 $20,000

Mary Beth Spitznagel, Psychology  
Zoetis LLC  
Caregiver Burden in Owners of Pets with Chronic Disease  
12/19/23 - 12/31/30 $65,000

Michael Strickland, Physics  
Subaward Texas A&M University / U.S. Department of Energy  
Heavy-Flavor Theory (HEFTY) for QCD Matter  
Continuation 01/15/24 - 01/14/25 $93,060

Allyson Tessin, Earth Sciences  
Subaward Columbia University / National Science Foundation  
U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)  
02/01/24 - 01/31/25 $48,500

Yaorong Zheng, Chemistry  
Manabu Kurokawa, Biological Sciences  
National Institute of General Medical Sciences  
Light-Controlled Supramolecular Platinum Complexes for Biomedical Applications  
04/01/24 - 03/31/27 $434,148

Instruction
Salma Benhaida, Office of Global Education  
Subaward World Learning /U.S. Department of State  
**Global Undergraduate Exchange Program (Global UGRAD)**

Rick Ferdig, Lifespan Development and Educational Sciences  
Alicia Crowe, Education, Health, & Human Services  
Enrico Gandolfi, Education, Health, & Human Services  
Angela Guercio, Stark Campus  
Javed Khan, Computer Science  
Ohio Department of Higher Education  
**KSU Teach CS: Innovative Methods for Preparing a New Generation of CS Teachers and Students in Ohio**

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**Other Sponsored Activity**

Craig Berger, Community Engaged Learning  
Subaward Campus Vote Project /Fair Elections Center  
**Kent State University Campus Vote Project**

Christina Bloebaum, College of Aeronautics and Engineering  
Ohio Department of Higher Education  
**Kent State University Super RAPIDS**

Holly Bolinger, Stark Campus  
Subaward Ohio Department of Development /U.S. Small Business Administration  
**Tuscarawas SBDC FY24- Federal funding**

Holly Bolinger, Stark Campus  
Ohio Department of Development  
**Tuscarawas SBDC FY24 - State Funding**

Brenda Burke, Financial Aid  
Ohio Department of Higher Education  
**Ohio Work Ready Grants to Students**

James Campbell, Design Innovation Initiative  
Burton D. Morgan Foundation  
**Hackathon 2024**

Mandy Cenker, Education, Health, & Human Services  
Power of the Pen  
**Power of the Pen and Kent State University Collaborative Service Agreement**

Mandy Cenker, Education, Health, & Human Services  
Elizabeth Testa, Teaching, Learning and Curriculum Studies  
Barberton Community Foundation  
**Kent Excellence in Education (KEEP) Academy**

Ken Ditlevson, LGBTQ Center/Division of Student Life  
Meghan Schwind, LGBTQ Center/Division of Student Life  
Akron Community Foundation  
**To Support QUEST Mentorship Program**
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<tr>
<th>Organization/Program</th>
<th>Start/End</th>
<th>Amount</th>
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<td>David Hassler, Wick Poetry Program/Arts and Sciences</td>
<td>03/01/24 - 02/28/25</td>
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<td>Jessica Jewell, Wick Poetry Program/Arts and Sciences</td>
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<td>Poetry Foundation</td>
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<td>Wick Poetry Center 40th Anniversary</td>
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<td>Constance Hawke, Compliance and Risk Management</td>
<td>07/01/23 - 06/30/24</td>
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<td>David Poluga, Compliance and Risk Management</td>
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<td>Ohio Department of Transportation</td>
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<td>Rehabilitate Runway 1/19 (Mill &amp; Overlay 3,000' x 60') (Construction); Reconstruct Runway 1/19 (1,000' x 60') (Construction); Rehabilitate Runway 1/19 RSA Grading (Construction); Match for 711781</td>
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<td>Pamela Hutchins, Child Development Center/Teaching, Learning and Curriculum Studies</td>
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<td>Kent Rotary Foundation</td>
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<td>Amanda Johnson, Center for International and Intercultural Education</td>
<td>05/01/24 - 12/01/24</td>
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<td>Martin Jencius, Lifespan Development and Educational Sciences</td>
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<td>Subaward The International Research &amp; Exchanges Board (IREX) /U.S. Department of State</td>
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<td>2024 Fulbright Teaching Excellence and Achievement (Fulbright TEA) Program</td>
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<td>Debora Rozner, English as a Second Language</td>
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<td>Jacqueline Marino, Media &amp; Journalism</td>
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<td>Media in the Public Interest</td>
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<td>The Kent State-Ohio News Connection Reporting Project</td>
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<td>Mark Matejcik, College of Podiatric Medicine</td>
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<td>Support for College of Podiatric Medicine FY24-25</td>
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<td>April Paulus, Community Engaged Learning</td>
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<td>Joshua Perkins, Cares Center/Student Affairs</td>
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<td>Julia Stoll, Teaching, Learning and Curriculum Studies</td>
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<td>Early Childhood Education Grant, FY24 - supplemental funds</td>
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<td>Tiffany Tyree, Trumbull Campus</td>
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<td>Trumbull Campus - Equitable Compensation for BBL (Building Black Leaders)</td>
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<td>Aimee Ward, Geography</td>
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<td>Student Technical Services for Portage County Health Department</td>
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## COMPARATIVE DATA

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