

**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 Bahlai, Biological Sciences U. S. Department of Interior National Park Service <i>Butterfly community analysis in the Cuyahoga Valley National Park</i>	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 <i>Promoting Seasonal and Migrant Head Start Children's Development: Program Practices That Matter</i>	09/30/23 - 03/29/25	\$12,166
Aldo Cimino, Anthropology Pennsylvania State University <i>Hidden Event-Specific Variability in Fraternity Hazing Severity: The Role of Pledge Class and Chapter Attributions (Pilot Study)</i>	11/15/23 - 07/01/25	\$1,620
Aldo Cimino, Anthropology North American Interfraternity Council <i>Rites of Passage: Motivations and Predictors Among Fraternities and Men's Athletic Teams</i>	03/12/24 - 03/11/25	\$10,000
Windy Cole, College of Podiatric Medicine Inotec AMD Ltd <i>Formative Usability Evaluation - DHF-05 - NATROX, 2nd Gen</i>	03/17/24 - 03/16/25	\$12,660
Melissa Edler, Biomedical Sciences/Anthropology National Institute on Aging <i>The effect of aging on neurotransmitters and motor performance in a primate model</i>	Continuation 01/01/24 - 12/31/24	\$279,087
Christopher Flessner, Psychology Subaward HabitAward, Inc /National Institute of Mental Health <i>Technology Assisted Treatment for Trichotillomania</i>	Continuation 01/01/24 - 12/31/24	\$254,297
Farid Fouad, East Liverpool Subaward Cleveland State University /National Institute of General Medical Sciences <i>Selenide-based electrocatalytic sensors for sensitive peroxynitrite detection in biological media</i>	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 <i>Maryland PRAMS</i>	Continuation 04/01/24 - 10/31/24	\$32,502

Ann Gosky, Office of Student Research M.E. & F.J. Callahan Foundation <i>Kent State's Summer Undergraduate Research Experience (SURE)</i>		02/01/24 - 01/31/25	\$10,000
Rachael Gray, Earth Sciences Columbia University /National Science Foundation <i>U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)</i>	Additional	01/01/24 - 12/31/24	\$7,935
John Gunstad, Psychology National Institute on Drug Abuse <i>Optimizing evidence-based HIV prevention targeting people who inject drugs on PrEP (Supplemental Funds)</i>		07/01/23 - 06/30/24	\$18,239
Deniz Gurkan, College of Aeronautics and Engineering National Science Foundation <i>CC* Integration-Small: Integrating Application Agnostic Learning with FABRIC for Enabling Realistic High-Fidelity Traffic Generation and Modeling</i>		09/01/23 - 09/30/24	\$24,887
Dana Hansen, Nursing Subaward Northeast Ohio Medical University /Health Resources and Services Administration <i>Health and Public Safety Workforce Resiliency Training Program</i>		01/01/24 - 12/31/24	\$9,287
Antal Jakli, Advanced Materials Liquid Crystal Institute/Physics Oleg Lavrentovich, Advanced Materials Liquid Crystal Institute/Physics North Atlantic Treaty Organization <i>New photosensitive polymers with embedded intelligence</i>	Continuation	04/20/23 - 04/20/26	\$153,765
Antal Jakli, Advanced Materials Liquid Crystal Institute/Physics Torsten Hegmann, Advanced Materials Liquid Crystals Institute NewSight Reality, Inc. <i>Nano-PDLCs for optical applications (Amendment)</i>	Continuation	09/01/23 - 02/29/24	\$83,219
Deric Kenne, Health Policy Management Subcontract Stark County Mental Health and Recovery Services Board /Substance Abuse and Mental Health Services Administration <i>Stark County System of Care Data Collection</i>		12/31/23 - 12/30/24	\$5,600
Deric Kenne, Health Policy Management Subaward Health Recovery Services, Inc. /Substance Abuse and Mental Health Services Administration <i>Health Recovery Services Inc - Medication Assisted Treatment</i>	Continuation	09/30/23 - 09/29/24	\$150,024
Mourad Krifa, Fashion Design and Merchandising Cotton Incorporated <i>Developing and Evaluating Analytic Tools for Improving Fiber Trait Distributions</i>		01/01/24 - 12/31/24	\$50,000
Janice Kroeger, Teaching, Learning and Curriculum Studies Christa Boske, Foundations, Leadership and Administration Akron Community Foundation <i>The Listening Project: travel activism for Gender Diverse &amp; LGBTIQ students in their schools</i>		04/01/24 - 03/31/26	\$3,000

Manabu Kurokawa, Biological Sciences National Institute on Aging <i>Role of the ubiquitin E3 ligase HUWE1 in age-associated nonalcoholic fatty liver disease</i>	Continuation	02/01/24 - 01/31/25	\$206,110
Benjamin Kwasa, College of Aeronautics and Engineering Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>AIAA Design Build Fly First Light</i>		01/01/24 - 12/31/24	\$5,000
Benjamin Kwasa, College of Aeronautics and Engineering Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>2024 Spaceport America Cup: Kent State University Golden Flashes Rocketry</i>		01/01/24 - 12/31/24	\$5,000
Benjamin Kwasa, College of Aeronautics and Engineering Subaward North Carolina State University /Defense Advanced Research Projects Agency <i>Recycling at Point of Disposal via Energy Landscape Engineering</i>		05/22/22 - 11/02/23	\$10,000
Sangeet Lamichhaney, Biological Sciences National Institute of General Medical Sciences <i>Molecular insights into acute and chronic hypoxia tolerance: Investigating mechanisms of short-term plasticity and long-term genetic adaptation</i>		04/01/24 - 03/31/27	\$456,000
Jason Lorenzon, College of Aeronautics and Engineering Stephanie Fussell, College of Aeronautics and Engineering Benjamin Kwasa, College of Aeronautics and Engineering Federal Aviation Administration <i>Drones and Airplanes Engagement with VR Experience for Early Career Opportunities</i>		03/04/24 - 03/04/25	\$419,708
Elizabeth Mann, Physics National Science Foundation <i>Intergovernmental Personnel Act (IPA) Assignment</i>	Continuation	01/17/24 - 01/16/25	\$194,790
Hanbin Mao, Chemistry Yaorong Zheng, Chemistry National Cancer Institute <i>Mechanical Modulation of Cell Migrations by DNA Nanoassemblies</i>	Continuation	04/01/24 - 03/31/25	\$300,117
Dana Miller-Cotto, Psychology Brady Education Foundation <i>Examining effects of assessor identity and context on children's executive function performance</i>		06/01/24 - 05/31/26	\$105,752
Hossein Mirinejad, College of Aeronautics and Engineering National Science Foundation <i>CAREER: Towards Safe and Interpretable Autonomy in Healthcare</i>		07/01/24 - 06/30/29	\$553,536
Bridget Mulvey, Teaching, Learning and Curriculum Studies Subaward Northeast Ohio Medical University /National Science Foundation <i>Collaborative Research: The Origin of the Large Brains of Cetaceans</i>		09/15/22 - 08/31/25	\$51,496
Joseph Ortiz, Earth Sciences Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>OSGC Master's Fellowship for 2024-2025 - Schofield</i>	Continuation	08/15/24 - 05/30/25	\$20,000

Joseph Ortiz, Earth Sciences Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>Ohio Space Grant Consortium AY 24/25 Fellowship - Baird</i>	Continuation	08/15/24 - 05/31/25	\$20,000
Joseph Ortiz, Earth Sciences Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>OSGC 2024-2025 STEM Scholarships - Hefler, Shenal, Colbrunn</i>	Continuation	08/15/24 - 05/31/25	\$10,500
Joseph Ortiz, Earth Sciences Subaward Ohio Space Grant Consortium /Ohio Department of Higher Education <i>OSGC Master's Fellowship for 2024-2025 - Sharkey</i>	Continuation	08/15/24 - 05/31/25	\$10,000
Joseph Ortiz, Earth Sciences Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>Ohio Space Grant Consortium AY24/25 Fellowship - Vederico</i>	Continuation	08/15/24 - 05/31/25	\$23,400
Richard Piet, Biological Sciences National Institute of Child Health and Human Development <i>Suprachiasmatic nucleus to kisspeptin circuit in the circadian control of reproduction</i>	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 <i>Alzheimer's Disease Pathology in a Primate Model</i>	Continuation	02/01/24 - 01/31/25	\$200,519
Alison Smith, Earth Sciences Bournemouth University <i>Peopling of the Tularosa Playa during the Last Glacial Maximum</i>		06/01/23 - 05/31/24	\$2,500
Chelsea Smith, Earth Sciences Allyson Tessin, Earth Sciences National Geographic Society <i>From surface to sediment: Investigating the spatial variability of carbon stabilization in Arctic lake sediments</i>		05/01/24 - 04/30/25	\$20,000
Mary Beth Spitznagel, Psychology Zoetis LLC <i>Caregiver Burden in Owners of Pets with Chronic Disease</i>		12/19/23 - 12/31/30	\$65,000
Michael Strickland, Physics Subaward Texas A&M University /U.S. Department of Energy <i>Heavy-Flavor Theory (HEFTY) for QCD Matter</i>	Continuation	01/15/24 - 01/14/25	\$93,060
Allyson Tessin, Earth Sciences Subaward Columbia University /National Science Foundation <i>U.S. Science Support Program Office associated with the International Ocean Discovery Program (USSSP-IODP)</i>		02/01/24 - 01/31/25	\$48,500
Yaorong Zheng, Chemistry Manabu Kurokawa, Biological Sciences National Institute of General Medical Sciences <i>Light-Controlled Supramolecular Platinum Complexes for Biomedical Applications</i>		04/01/24 - 03/31/27	\$434,148

## Instruction

Salma Benhaida, Office of Global Education Subaward World Learning /U.S. Department of State <i>Global Undergraduate Exchange Program (Global UGRAD)</i>	Continuation 01/01/24 - 05/31/24	\$59,886
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 <i>KSU Teach CS: Innovative Methods for Preparing a New Generation of CS Teachers and Students in Ohio</i>	01/01/24 - 06/30/25	\$1,010,000

## Other Sponsored Activity

Craig Berger, Community Engaged Learning Subaward Campus Vote Project /Fair Elections Center <i>Kent State University Campus Vote Project</i>	01/01/24 - 12/31/24	\$1,000
Christina Bloebaum, College of Aeronautics and Engineering Ohio Department of Higher Education <i>Kent State University Super RAPIDS</i>	02/12/24 - 06/30/25	\$1,146,291
Holly Bolinger, Stark Campus Subaward Ohio Department of Development /U.S. Small Business Administration <i>Tuscarawas SBDC FY24- Federal funding</i>	01/01/24 - 12/31/24	\$227,105
Holly Bolinger, Stark Campus Ohio Department of Development <i>Tuscarawas SBDC FY24 - State Funding</i>	01/01/24 - 12/31/24	\$73,600
Brenda Burke, Financial Aid Ohio Department of Higher Education <i>Ohio Work Ready Grants to Students</i>	07/01/23 - 06/30/25	\$253,469
James Campbell, Design Innovation Initiative Burton D. Morgan Foundation <i>Hackathon 2024</i>	01/10/24 - 12/15/24	\$20,000
Mandy Cenker, Education, Health, & Human Services Power of the Pen <i>Power of the Pen and Kent State University Collaborative Service Agreement</i>	01/02/24 - 07/31/24	\$47,766
Mandy Cenker, Education, Health, & Human Services Elizabeth Testa, Teaching, Learning and Curriculum Studies Barberton Community Foundation <i>Kent Excellence in Education (KEEP) Academy</i>	03/11/24 - 08/31/24	\$1,480
Ken Ditlevson, LGBTQ Center/Division of Student Life Meghan Schwind, LGBTQ Center/Division of Student Life Akron Community Foundation <i>To Support QUEST Mentorship Program</i>	04/01/24 - 03/31/26	\$3,000

David Hassler, Wick Poetry Program/Arts and Sciences Jessica Jewell, Wick Poetry Program/Arts and Sciences Poetry Foundation <i>Wick Poetry Center 40th Anniversary</i>	03/01/24 - 02/28/25	\$10,000
Constance Hawke, Compliance and Risk Management David Poluga, Compliance and Risk Management Ohio Department of Transportation <i>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</i>	07/01/23 - 06/30/24	\$234,922
Pamela Hutchins, Child Development Center/Teaching, Learning and Curriculum Studies Kent Rotary Foundation <i>Student Scholarships</i>	01/01/24 - 06/30/24	\$3,000
Amanda Johnson, Center for International and Intercultural Education Martin Jencius, Lifespan Development and Educational Sciences Subaward The International Research & Exchanges Board (IREX) /U.S. Department of State <i>2024 Fulbright Teaching Excellence and Achievement (Fulbright TEA) Program</i>	05/01/24 - 12/01/24	\$234,852
Amanda Johnson, Center for International and Intercultural Education Debora Rozner, English as a Second Language Subaward Institute of International Education, Inc. /U.S. Department of State <i>Kent State Fulbright Pre-Academic Program 2024</i>	02/22/24 - 10/18/24	\$230,522
Jacqueline Marino, Media & Journalism Media in the Public Interest <i>The Kent State-Ohio News Connection Reporting Project</i>	11/30/23 - 12/01/24	\$6,000
Mark Matejcek, College of Podiatric Medicine Ohio Department of Higher Education <i>Support for College of Podiatric Medicine FY24-25</i>	07/01/23 - 06/30/25	\$1,000,000
April Paulus, Community Engaged Learning The Papa John's Foundation, Inc. <i>Flashes Fighting Hunger</i>	01/17/24 - 01/16/25	\$5,000
Joshua Perkins, Cares Center/Student Affairs Swipe Out Hunger <i>Swipe Out Hunger Grant - CARES Center, Flash Flood Pantry</i>	12/01/23 - 05/31/24	\$6,000
Julia Stoll, Teaching, Learning and Curriculum Studies Ohio Department of Education <i>Early Childhood Education Grant, FY24 - supplemental funds</i>	07/01/23 - 06/30/24	\$8,500
Tiffany Tyree, Trumbull Campus Raymond J Wean Foundation <i>Trumbull Campus - Equitable Compensation for BBL (Building Black Leaders)</i>	12/01/23 - 12/31/24	\$6,000
Aimee Ward, Geography Subaward Portage County Health District /Ohio Department of Health <i>Student Technical Services for Portage County Health Department</i>	01/16/24 - 07/31/24	\$62,400

## COMPARATIVE DATA

<b>Fiscal Year to Date</b>	<b>FY 2022 - 2023</b>	<b>FY 2023 - 2024</b>
<b>Total Funding</b>	<b>\$ 22,807,468</b>	<b>\$ 27,641,407</b>
<b>Research</b>	<b>\$ 15,317,959</b>	<b>\$ 13,384,628</b>
<b>Instruction</b>	<b>\$ 2,708,324</b>	<b>\$ 5,016,213</b>
<b>Other Activity</b>	<b>\$ 4,781,186</b>	<b>\$ 9,240,566</b>