

KENT STATE UNIVERSITY
Research and Sponsored Programs
Doug Delahanty, Interim Vice President for Research

EXTRAMURAL FUNDING REPORT

**Funds awarded for
April- June2022
\$8,294,050**

**Total funding to date
FY2021 - 2022
\$36,421,226**

Research

Christine Bahlai, Biological Sciences National Science Foundation <i>CAREER: What's next? Developing novel quantitative tools to address conflicting evidence in temporal ecology</i>	Continuation	06/01/21 - 05/31/26	\$318,061
Yossef Ben-Porath, Psychology University of Minnesota <i>Further Development of MMPI-3</i>		07/01/22 - 06/30/23	\$136,698
Andrea Case, Biological Sciences Christopher Blackwood, Biological Sciences National Science Foundation <i>Collaborative BEE: Ecological and evolutionary processes affecting the co-existence of close relatives - REU supplement</i>	Supplement	06/01/22 - 08/31/25	\$9,000
L.C. Chien, Advanced Materials Liquid Crystal Institute/Chemical Physics Industry Partner <i>Smart Liquid Crystal Windows Phase IV</i>	Continuation	07/01/22 - 06/30/23	\$136,956
Karin Coifman, Psychology Douglas Delahanty, Psychology John Gunstad, Psychology National Institute of Mental Health <i>Unpacking Emotion Inflexibility and Prospective Prediction of Affective Disease</i>	Supplement	01/01/22 - 12/31/22	\$53,668
Matthew Crawford, History Ohio History Connection <i>Liquid Crystal Oral History Project</i>		08/01/22 - 08/31/23	\$16,000
Douglas Delahanty, Psychology Conquer Chiari Foundation <i>Does coaching effect the impact of online acceptance and commitment therapy for chronic pain in a sample of people with CM?</i>		07/01/22 - 12/31/23	\$74,111
Christopher Dum, Sociology Elias Nader, Sociology Starr Solomon, Sociology Subaward Bowling Green State University /Attorney General of Ohio <i>Bail Reform in Ohio: A Mixed Methods Approach to Inform Public Policy</i>		04/25/22 - 06/30/23	\$89,992

Maxim Dzero, Physics National Science Foundation <i>Electronic Correlations and Disorder in Berry materials</i>	Continuation	08/01/20 - 07/31/23	\$112,719
Pamela Ferguson, Research and Evaluation Bureau Alchemy Inc. <i>Alchemy, Inc. 2022: Program Evaluation</i>		04/01/22 - 07/31/22	\$5,000
Pamela Ferguson, Research and Evaluation Bureau Anthony Shreffler, Research and Evaluation Bureau Burton D. Morgan Foundation <i>EntrepreNEW Evaluation and Reliability/Validity Study 2022</i>		04/01/22 - 12/31/22	\$15,303
Pamela Ferguson, Research and Evaluation Bureau Akron Art Museum <i>Akron Art Museum Programming Evaluation 2022</i>		04/15/22 - 12/31/22	\$5,000
Michael Fisch, College of Aeronautics and Engineering National Science Foundation <i>US-Ireland R&D Partnership: Structure-property relationships of new polar liquid crystalline phases through synthesis and characterization using a range of analytical techniques</i>		07/01/22 - 06/30/25	\$511,885
Christopher Flessner, Psychology Subaward HabitAware, Inc. /National Institute of Mental Health <i>Technology Assisted Treatment for Trichotillomania</i>		02/01/22 - 12/31/22	\$47,191
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	05/01/22 - 04/30/23	\$62,328
Gregory Gibson, Sociology Richard Adams, Sociology Subcontract State of Minnesota /Centers for Disease Control and Prevention <i>Minnesota PRAMS</i>	Additional	07/01/20 - 06/30/22	\$1,528
Gregory Gibson, Sociology Richard Adams, Sociology Anthony Vander Horst, Sociology Subcontract Indiana Department of Health /Centers for Disease Control and Prevention <i>Indiana PRAMS</i>	Continuation	07/01/22 - 06/30/23	\$183,983
Qiang Guan, Computer Science National Science Foundation <i>OAC Core: Interpretable Resilience Analysis Platform for Scientific Workflow Applications</i>		09/01/22 - 08/31/25	\$574,640
John Gunstad, Psychology Jeffrey Ciesla, Psychology National Institute on Aging <i>Spontaneous Speech and Health Disparities in Risk of Cognitive Decline: WHICAP Offspring Ancillary Study</i>	Additional	12/01/21 - 11/30/22	\$61,551

Dana Hansen, Nursing Subaward Northeast Ohio Medical University /Health Resources and Services Administration <i>Health and Public Safety Workforce Resiliency Training Program</i>		01/01/22 - 12/31/22	\$17,405
John Hoornebeck, Health Policy Management ConxusNEO <i>Conxus - expansion supplement</i>	Supplement	06/01/22 - 05/31/23	\$19,479
Adam Jajtner, Health Sciences Rivera Rivera, Health Sciences National Strength and Conditioning Association <i>Effects of Myofascial Release on Athletic Performance and Recovery Following Resistance Exercise</i>		07/01/22 - 06/30/23	\$14,999
Anne Jefferson, Geology National Science Foundation <i>Geomorphic effects and distribution of anthropogenic debris in urban streams - REU Supplement</i>	Supplement	08/01/20 - 07/31/23	\$15,700
Declan Keane, Physics Spyridon Margetis, Physics U.S. Department of Energy <i>Heavy Ion Collisions over a Range of Relativistic Energies</i>	Continuation	04/01/22 - 03/31/23	\$410,000
Javed Khan, Computer Science Philip Thomas, IT Enterprise Research Technology & Support National Science Foundation <i>CC* Compute: Accelerating Compute Driven Science Through a Sharable High Performance Computing Cluster in Kent State Multi-Campus System</i>		05/01/22 - 04/30/24	\$400,000
Min-Ho Kim, Biological Sciences Woo-Yang Kim, Biological Sciences National Institute on Aging <i>Magneto-thermal brain stimulation towards the rescue of beta-amyloid pathology</i>		05/15/22 - 04/30/23	\$377,200
Cameron Lee, Geography Scott Sheridan, Geography National Oceanic and Atmospheric Administration <i>Excess Heat and Excess Cold Factors: Establishing a unified duration-intensity metric for monitoring hazardous temperature conditions in North America</i>		04/01/22 - 03/31/25	\$125,624
Kiwon Lee, Foundations, Leadership and Administration Foodservice Systems Management Education Council <i>Effects of a yellow face on university students' recycling behavior at college cafeteria</i>		12/01/21 - 12/31/22	\$2,000
Hanbin Mao, Chemistry Subcontract University of Southern Denmark /Lundbeck Foundation <i>Isolating amyloid peptide oligomers at a single-molecule level</i>		07/01/21 - 06/30/23	\$77,908
Aleisha Moore, Biological Sciences National Institute of Child Health and Human Development <i>The role of Kisspeptin/Neurokinin B/Dynorphin (KNDy) neurons in the pathogenesis of polycystic ovarian syndrome</i>	Additional	03/01/22 - 02/28/23	\$24,016

Bridget Mulvey, Teaching, Learning and Curriculum Studies David Singer, Geology Martha Holden Jennings Foundation <i>Science for Community Change</i>	07/15/22 - 07/14/23	\$24,018
Fedor Nazarov, Mathematics National Science Foundation <i>Collaborative Research: Non-homogeneous Harmonic Analysis, Spectral Theory, and Weighted Norm Estimates</i>	06/01/22 - 05/31/25	\$222,051
Joseph Ortiz, Geology Subaward Ohio Space Grant Consortium /Ohio Department of Higher Education <i>Ohio Space Grant Consortium State-Funded Fellowships</i>	08/15/22 - 12/31/22	\$20,000
Joseph Ortiz, Geology Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>OSGC Summer 2022 Internship</i>	05/23/22 - 08/05/22	\$7,300
Joseph Ortiz, Geology Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>Ohio Space Grant Consortium Education Scholarship Fall 2022</i>	08/15/22 - 12/31/22	\$2,000
Joseph Ortiz, Geology Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>Ohio Space Grant Consortium STEM Scholarships Fall 2022</i>	08/15/22 - 12/31/22	\$7,500
Joseph Ortiz, Geology Ohio Department of Higher Education <i>Ohio Space Grant Consortium State-Funded Scholarships - Fall 2022</i>	08/15/22 - 12/31/22	\$3,500
Dhruba Panthi, Tuscarawas Campus Farris Family Fund -Kent State University Foundation <i>Hydrogen Production and Electrochemical Reduction of CO2 using High-Performance Solid Oxide Electrolysis Cells</i>	09/01/22 - 08/31/25	\$24,000
Helen Piontkivska, Biological Sciences Subaward University of Florida /National Institute on Aging <i>Mechanisms of Gonadotropin Action on Cognition and Neuronal Remodeling in Aging and Alzheimer's Disease</i>	Continuation 04/15/21 - 08/31/22	\$16,309
Helen Piontkivska, Biological Sciences National Science Foundation <i>EAGER: SaTC: Shifts in Misinformation Topics on Social Media: Manipulators Masquerading as Humans</i>	07/01/22 - 12/31/23	\$199,786
Shawn Rohlin, Economics Jeremiah Harris, Economics Dandan Liu, Economics Ohio Department of Jobs and Family Services <i>Updating Ohio Leading Indicators Model</i>	12/01/21 - 06/30/23	\$33,400
Harlee Rush, Biological Sciences Geauga Park District <i>Home-field advantage: the effects of litter type, microclimate, and arthropod diversity on leaf-litter decomposition in oak forests of Northeastern Ohio</i>	05/01/22 - 11/01/22	\$3,000

Alison Smith, Geology National Science Foundation <i>Collaborative Research: Neotoma Paleocology Database, a Multi-Proxy, International, Community-Curated Data Resource for Global Change Research</i>	Continuation	06/01/20 - 05/31/23	\$8,931
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Michael Strickland, Physics U.S. Department of Energy <i>Non-equilibrium Dynamics of the Quark Gluon Plasma</i>	Continuation	03/01/22 - 02/28/23	\$115,000
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Clarissa Thompson, Psychology Susan Fisk, Sociology Lee Gilman, Psychology Mary Himmelstein, Psychology National Science Foundation <i>NSF ADVANCE Catalyst: Tracking Recognition and Engagement of Women in Low-Prestige/High-Workload Service Activities at Kent State University</i>		05/01/22 - 04/30/24	\$300,000
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Instruction

William Ayres, Trumbull Campus Amoaba Gooden, Diversity, Equity and Inclusion Starr Solomon, Sociology Ohio State Bar Foundation <i>Leveraging Community Voices to Advance Racial Equity in Police Training, Practice and Procedures</i>		06/01/22 - 06/30/23	\$49,642
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Lique Coolen, Brain Health Resesarch Institute/Biological Sciences Paul Dykshoorn, Tuscarawas Campus Michael Fisch, College of Aeronautics and Engineering Aloysius Kasturiarachi, Stark Campus Dana Lawless-Andric, Diversity, Equity and Inclusion Evgenia Soprunova, Mathematics Ohio Department of Higher Education <i>Choose Ohio First Scholar Program at Kent State University</i>		06/01/22 - 05/31/23	\$107,143
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Alicia Crowe, Education, Health, & Human Services Elizabeth Testa, Teaching, Learning and Curriculum Studies Subaward Ohio Department of Higher Education /U.S. Department of Education <i>Addressing Educator Shortages in Ohio</i>		03/24/22 - 06/30/23	\$200,000
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Other Sponsored Activity

Sonia Alemagno, College of Public Health Portage County Health District <i>Portage County Health Department- Epi-Assistant Student Support</i>		01/24/22 - 06/30/22	\$52,670
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Sebastian Birch, Stark Campus The Bascom Little Fund <i>CD of Piano music by Sebastian Birch</i>		05/20/22 - 03/01/23	\$2,000
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Rick Ferdig, Lifespan Development and Educational Sciences Cheng-Chang Lu, Computer Science Subaward Cleveland Metroparks /U.S. Department of Agriculture <i>Dissemination of a mobile and GIS-based app to address tree health</i>		04/25/22 - 12/31/22	\$5,000
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Karen Gracy, Library and Information Science Subaward WGBH Educational Foundation /Institute of Museum and Library Services <i>Public Broadcasting Preservation Fellowship</i>	09/15/22 - 04/30/23	\$12,304
Jeffrey Hallam, Social and Behavioral Sciences Sheryl Chatfield, Social and Behavioral Sciences Tara Smith, Epidemiology/Biostatistics Maggie Stedman-Smith, Environmental Health Sciences Matthew Stefanak, College of Public Health Christopher Woolverton, Biostatistics/Epidemiology/Environmental Health Subcontract National Association of County & City Health Officials /Centers for Disease Control and Prevention <i>Building Local Health Department Capacity to Deliver Infection Prevention and Control Training and Education</i>	02/01/22 - 07/30/22	\$52,325
David Hassler, Wick Poetry Program/Arts and Sciences Jessica Jewell, Wick Poetry Program/Arts and Sciences American Academy of Poets <i>Wick Poetry Center: Literary Arts Emergency Fund 2021</i>	07/01/22 - 06/30/23	\$15,000
David Hassler, Wick Poetry Program/Arts and Sciences Jessica Jewell, Wick Poetry Program/Arts and Sciences Kent Rotary Foundation <i>Market Stanzas</i>	06/01/22 - 12/15/22	\$4,500
Constance Hawke, Compliance and Risk Management David Poluga, Compliance and Risk Management Ohio Department of Transportation <i>Replace Taxiway Lighting, Signage, Windsock at the Kent State University Airport</i>	04/06/22 - 11/30/22	\$483,051
Constance Hawke, Compliance and Risk Management David Poluga, Compliance and Risk Management Federal Aviation Administration <i>Rehabilitate Runway 1/19 (Mill and Overlay 4,000' x 60'Design); Rehabilitate Runway 1/19 RSA Grading (Design)</i>	06/23/22 - 06/22/26	\$150,000
Pamela Hutchins, Child Development Center/Teaching, Leadership and Curriculum Studies Subaward Ohio Child Care Resource and Referral Association /Ohio Department of Jobs and Family Services <i>Child Care Pandemic Grant IV (COVID-19)</i>	07/01/21 - 06/30/22	\$29,498
Molly Merryman, School of Peace & Conflict Studies Lauren Vachon, School of Peace & Conflict Studies U.S. Department of State <i>Resilience During the Pandemic: LGBTQ+ Stories</i>	05/16/22 - 09/15/22	\$35,000
Jessica Paull, Salem Campus Marion G. Resch Foundation <i>Columbiana County Campuses' Rising Scholars (AY 2022-2023)</i>	06/01/22 - 05/31/23	\$66,000

Jessica Paull, Salem Campus Paul Dykshoorn, Tuscarawas Campus Natalie Huya, Ashtabula Campus Tiffany Tyree, Trumbull Campus Foundation for Appalachian Ohio <i>Rising Scholars</i>	05/01/22 - 04/30/23	\$20,000
Patricia Robinson, Diversity, Equity and Inclusion U.S. Department of Education <i>Kent State University Upward Bound Health Professions</i>	09/01/22 - 08/31/23	\$312,480
Theresa Schwarz, Urban Design Center/Architecture and Environmental Design The Cleveland Foundation <i>Design Entrepreneurship & Inclusion Initiative</i>	04/01/22 - 03/31/24	\$239,508
Ricardo Sepulveda, Music Kulas Foundation <i>Kent/Blossom Music Festival Kulas Visiting Artists 2022</i>	04/01/22 - 03/31/23	\$15,000
William Southards, College of Aeronautics and Engineering Christina Bloebaum, College of Aeronautics and Engineering Subcontract Ohio Aerospace Institute /Economic Development Administration <i>Center for Advanced Air Mobility (CAAM-I)</i>	10/01/21 - 09/30/24	\$0
LaDarius Steele, Upward Bound U.S. Department of Education <i>Upward Bound Classic</i>	06/01/22 - 05/31/27	\$589,415
Robert Sturr, Stark Campus Stark Community Foundation <i>Symposium on Service Learning and Community Engagement</i>	04/28/22 - 04/28/23	\$10,100
Dean Tondiglia, Police Department William Buckbee, Police Department Ohio Office of Criminal Justice Services <i>KSU Police Services Body-Worn Camera Program 2022</i>	07/01/21 - 06/30/22	\$23,780
Dean Tondiglia, Police Department Ohio Department of Public Safety <i>Use of an Explosives Detecting Canine</i>	Continuation 07/01/22 - 06/30/23	\$50,000
James Tudhope, Nursing Lisa Onesko, Nursing Peg's Foundation <i>Expand Impact: PMH APRNs in Northeast OH 2022-2025</i>	07/01/22 - 06/30/25	\$225,000
James Tudhope, Nursing Health Resources and Services Administration <i>Advanced Nursing Education Nurse Practitioner Residency Integration Program</i>	09/01/22 - 08/31/23	\$657,894

COMPARATIVE DATA

Fiscal Year to Date	FY 2020 - 2021	FY 2021 - 2022
Total Funding	\$ 31,390,334	\$ 36,421,226
Research	\$ 21,260,043	\$ 20,394,285
Instruction	\$ 2,846,627	\$ 2,755,775
Other Activity	\$ 7,283,664	\$ 13,271,166