

KENT STATE UNIVERSITY
Research and Sponsored Programs
Paul DiCorleto, Vice President for Research

EXTRAMURAL FUNDING REPORT

**Funds awarded for
January- March 2021
\$5,716,272**

**Total funding to date
FY2020 - 2021
\$26,010,749**

Research

Sonia Alemagno, College of Public Health Matthew Stefanak, College of Public Health The Elisabeth Severance Prentiss Foundation <i>Interprofessional Education (IPE) Program to Address COVID-19 Needs (KSU-IPE-COVID-19)</i>	01/10/21 - 01/10/23	\$100,000
Sonia Alemagno, College of Public Health County of Summit <i>LGBTQ+ Needs Assessment - Summit County Grant</i>	01/01/21 - 12/31/22	\$25,000
Sonia Alemagno, College of Public Health Andrew Snyder, College of Public Health Akron Community Foundation <i>To support the Greater Akron LGBTQ+ community needs assessment</i>	04/01/21 - 12/31/22	\$10,000
Timothy Assal, Geography U.S. Geological Survey <i>Vulnerability of low-elevation aspen forests to climate altered disturbance regimes</i>	03/10/21 - 03/09/23	\$89,603
Christine Bahlai, Biological Sciences National Science Foundation <i>CAREER: What's next? Developing novel quantitative tools to address conflicting evidence in temporal ecology</i>	06/01/21 - 05/31/26	\$220,731
Lique Coolen, Brain Health Resesarch Institute/Biological Sciences Craig H. Neilsen Foundation <i>Determining Spinal Alterations in Sexual Reflex Control</i>	Continuation 01/31/21 - 01/30/22	\$199,902
Qunxing Ding, East Liverpool Subaward University of Kentucky /National Institute of Environmental Health Sciences <i>Developmental Effects of Manganese Exposure in Rural Adolescents: The CARES Cohort Comes of Age</i>	Continuation 09/01/20 - 08/31/21	\$4,685
Yanhai Du, College of Aeronautics and Engineering Dhruba Panthi, Tuscarawas Campus Airbus SAS <i>Design of dual layered anode supported tubular SOFC</i>	01/05/21 - 06/30/21	\$57,500
Yanhai Du, College of Aeronautics and Engineering Subcontract Yanhai Power LLC /U.S. Air Force Research Laboratory <i>Jet Fuel On-Board Miniature Desulfurization and Stabilization</i>	09/23/20 - 10/25/21	\$99,486

Yanhai Du, College of Aeronautics and Engineering Dhruba Panthi, Tuscarawas Campus Subcontract Powdermet Inc. /U.S. Air Force Research Laboratory <i>Long Range Agile UAVs Using Advanced PEM and MAG2TM</i>		01/08/21 - 07/08/21	\$67,500
Pamela Ferguson, Research and Evaluation Bureau Subaward University of Akron /U.S. Department of Education <i>NE Ohio ACHIEVE: Access to Curriculum & High Quality Instruction for Educators Valuing English Language Learners</i>	Continuation	09/01/20 - 08/31/21	\$18,261
Pamela Ferguson, Research and Evaluation Bureau Subaward University of Delaware /National Science Foundation <i>PIRE: Bio-Inspired Materials and Systems</i>	Continuation	09/01/20 - 08/31/21	\$32,514
Min Gao, Advanced Materials Liquid Crystals Institute Lu Zou, Advanced Materials Liquid Crystals Institute Facebook Technologies, LLC <i>Liquid Crystal Polymer Microscopy Study</i>		11/30/20 - 06/30/21	\$32,500
Gregory Gibson, Sociology Richard Adams, Sociology Anthony Vander Horst, Sociology Subaward Maryland Department of Public Health /Centers for Disease Control and Prevention <i>Maryland PRAMS: COVID Funds Supplement</i>	Supplement	03/01/21 - 04/30/21	\$6,065
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	12/15/20 - 11/30/21	\$61,698
Elda Hegmann, Advanced Materials Liquid Crystal Institute/Biological Sciences Torsten Hegmann, Advanced Materials Liquid Crystals Institute Subcontract UES. Inc. /U.S. Air Force Research Laboratory <i>Liquid Crystal based Hydrazine Detector</i>		03/23/21 - 09/09/21	\$9,500
Torsten Hegmann, Advanced Materials Liquid Crystals Institute Michael Tubergen, Chemistry National Science Foundation <i>REU Site at Kent State University: Liquid Crystals and Advanced Materials</i>		06/01/21 - 05/31/24	\$395,810
Torsten Hegmann, Advanced Materials Liquid Crystals Institute Subaward Case Western Reserve University /National Aeronautics and Space Administration <i>Microgravity Studies of Nanoparticles and Topological Defects in Liquid Crystal Thin Films</i>	Additional	12/02/16 - 12/01/21	\$8,636
Eric Jefferis, Social and Behavioral Sciences Subaward Office of Criminal Justice Services /U.S. Department of Justice <i>Research Partner for the 2019 NOVCC PSN Program</i>		07/01/20 - 06/30/21	\$17,099
Declan Keane, Physics Spyridon Margetis, Physics U.S. Department of Energy <i>Heavy Ion Collisions over a Range of Relativistic Energies</i>	Continuation	04/01/21 - 03/31/22	\$400,000

Deric Kenne, Health Policy Management Stark County Mental Health and Recovery Services Board <i>Stark County System of Care Implementation</i>	09/30/20 - 09/29/24	\$15,574
Mourad Krifa, Fashion Design and Merchandising Cotton Incorporated <i>Cotton and Social Media Literacy: Critical Thinking and Evidence-Based Information Discernment in the Undergraduate Classroom</i>	01/01/21 - 12/31/21	\$36,700
Manabu Kurokawa, Biological Sciences Gail Fraizer, Biological Sciences National Cancer Institute <i>Role of CD36 and diet-derived fatty acids in breast cancer</i>	02/01/21 - 01/31/24	\$445,431
Peter Leahy, Health Policy Management Abbey Eng, Epidemiology/Biostatistics Subaward Canton City Health Department /Sisters of Charity Foundation of Canton <i>Evaluation of Canton-Stark THRIVE Project - Continuation</i>	09/01/20 - 08/31/22	\$158,800
Peter Leahy, Health Policy Management Edward Chiyaka, Health Policy Management John Hoornbeek, Health Policy Management ConxusNEO <i>ConxusNEO Evaluation</i>	02/01/21 - 05/31/23	\$20,000
Adam Lockwood, Lifespan Development and Educational Sciences Texas Woman's University <i>Impact of COVID-19 on Test Administration and Scores</i>	02/01/21 - 03/01/22	\$15,000
Pamela Luft, Lifespan Development and Educational Sciences The Gregory S. Fehribach Center <i>Career Success: Skills for Obtaining, Maintaining, and Advancing in Employment</i>	01/01/21 - 12/31/21	\$10,000
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>	03/05/21 - 02/28/22	\$249,000
Xiaozhen Mou, Biological Sciences Melissa Zullo, Biostatistics/Epidemiology/Environmental Health Subaward The Ohio State University /United States Department of Treasury <i>Dormitory wastewater monitoring of SARS-CoV-2 at Universities and Colleges in the State of Ohio (CARES)</i>	12/01/20 - 06/30/21	\$108,970
Xiaozhen Mou, Biological Sciences Subaward The Ohio State University /United States Department of Treasury <i>CARES Act: State of Ohio Wastewater SARS-CoV-2 Surveillance Project</i>	Continuation 01/01/21 - 06/30/21	\$136,165
Angela Neal-Barnett, Psychology Akron Community Foundation <i>To support virtual SOS Sister Circles: stress interventions for expectant & postpartum Black Mothers</i>	04/01/21 - 03/31/23	\$9,000

Mary Ann Raghanti, Anthropology Melissa Edler, Biomedical Sciences/Anthropology Subaward The University of Texas MD Anderson Cancer Center /National Institute on Aging <i>Alzheimer's Disease Pathology in a Primate Model</i>	02/15/21 - 01/31/22	\$239,328
Angela Ridgel, Health Sciences Kristin Noll, Health Sciences Samantha Harber Fund <i>Effects of manual vagus nerve stimulation on CRPS inflammatory symptoms</i>	04/01/21 - 03/31/22	\$13,000
Thorsten-Lars Schmidt, Physics National Science Foundation <i>EAGER: Towards DNA-based Tools for Single-particle Cryo-electron Microscopy of Membrane Proteins</i>	04/01/21 - 03/31/23	\$300,000
Carrie Schweitzer, Stark Campus Eric Taylor, Stark Campus Dominion East Ohio Foundation <i>Water Resources Initiative: STEMM and Environmental Education and Outreach on Water Resources at Kent State University at Stark</i>	12/01/20 - 11/30/21	\$14,190
Gokarna Sharma, Computer Science National Science Foundation <i>CAREER: Transactional Memory for Distributed Systems</i>	02/01/21 - 01/31/26	\$193,429
Pamela Stephenson, Nursing Andrea Warner Stidham, Nursing Sigma Theta Tau International Honor Society of Nursing <i>COVID: The Experiences of Frontline Nurses in Northeast Ohio Caring for Patients During the COVID-19 Pandemic</i>	01/01/21 - 12/31/21	\$1,500
Mary Step, Social and Behavioral Sciences The MetroHealth System <i>Positive Peers</i>	01/01/21 - 08/31/21	\$16,343
Deng-Ke Yang, Advanced Materials Liquid Crystal Institute/Physics Toyota Motor Sales, U.S.A., Inc. <i>Two Side Waveguide Liquid Crystal Display</i>	01/27/21 - 01/26/22	\$110,000
Yaorong Zheng, Chemistry Manabu Kurokawa, Biological Sciences National Cancer Institute <i>Development of Novel Metal-Based Supramolecular Therapeutics for Ovarian Cancer</i>	01/15/21 - 12/31/23	\$454,646

Other Sponsored Activity

Amanda Burke, Health Sciences Prevention Action Alliance <i>Problem Gambling Social Media Stipend</i>	03/15/21 - 04/30/21	\$1,000
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Joanne Caniglia, Teaching, Learning and Curriculum Studies Davison Mupinga, Teaching, Learning and Curriculum Studies The Sisler McFawn Foundation <i>Virtual Family Math Night</i>		01/01/21 - 12/31/21	\$7,500
Joanne Caniglia, Teaching, Learning and Curriculum Studies Subaward Paragon TEC /National Aeronautics and Space Administration <i>STEM Kits for Children</i>		03/08/21 - 07/31/21	\$2,692
Mark Cassell, Political Science Ohio Department of Higher Education <i>Washington Program in National Issues FY20 & FY21</i>	Additional	07/01/20 - 06/30/21	\$5,000
Ken Ditlevson, LGBTQ Center/Diversity, Equity and Inclusion Akron Community Foundation <i>To support the QUEST Mentorship Program</i>		04/01/21 - 03/31/22	\$2,000
Todd Hawley, Teaching, Leadership and Curriculum Studies Laura Davis, English National Endowment for the Humanities <i>Making Meaning of May 4th: The 1970 Kent State Shootings in U.S. History</i>	Supplement	10/01/19 - 12/31/21	\$17,393
Justin Hilton, Office of the Provost Akron Community Foundation <i>To support APS College & Career Academies via a summer DI program for Firestone CLC students & parents</i>		04/01/21 - 03/31/23	\$9,000
John Holik, IT Administration and Finance Ohio Development Services Agency <i>TechCred Round 6</i>		09/01/20 - 05/31/22	\$16,528
Mary Hricko, Geauga Campus Subaward State Library of Ohio /Institute of Museum and Library Services <i>Celebrating Ohio Book Awards & Authors</i>		03/01/21 - 04/30/21	\$1,002
Amanda Johnson, Center for International and Intercultural Education Subaward International Research and Exchanges Board /U.S. Department of State <i>Spring 2021 Fulbright Teaching Excellence and Achievement (Fulbright TEA) Program 21st Century Classroom Media Cohort</i>		02/02/21 - 08/16/21	\$282,083
Christine Kauth, Stark Campus Lyndy Beckley, Stark Campus Stark Community Foundation <i>Strengthening Career Readiness in Critical Care Nursing to Improve Patient Care in Stark County</i>		01/16/20 - 07/15/21	\$6,650
Annette Kratoski, Education, Health, & Human Services James Campbell, Design Innovation Initiative Karl Kosko, Teaching, Learning and Curriculum Studies Tabitha Messmore, LaunchNet Martha Holden Jennings Foundation <i>Immersed in Deep Learning with XR</i>		04/01/21 - 03/31/22	\$20,239

Jacqueline Marino, Journalism and Mass Communication Susan Zake, Journalism and Mass Communication Media in the Public Interest <i>The Kent State-Ohio News Connection Reporting Project</i>	Continuation	01/01/21 - 12/31/21	\$3,000
Zachary Mikrut, LaunchNET/University Libraries Tabitha Messmore, LaunchNet Burton D. Morgan Foundation <i>LaunchNET FY 2022-2023</i>		07/01/21 - 06/30/23	\$350,000
Cynthia Osborn, Lifespan Development and Educational Sciences Substance Abuse and Mental Health Services Administration <i>Project EnhAnCE-IT: Enhancing Addiction Counseling Education through Integrative Technology</i>	Continuation	04/30/21 - 04/29/22	\$99,420
Jessica Paull, Salem Campus Ohio Department of Higher Education <i>Kent State University Rising Scholars Program</i>	Additional	07/01/20 - 06/30/21	\$10,000
Victor Pavona, Stark Campus Subaward Ohio Development Services Agency /U.S. Small Business Administration <i>Stark SBDC Small Business Development Center FY 2021 (Federal)</i>		10/01/20 - 09/30/21	\$147,200
Stephen Schillig, Tuscarawas Campus Subaward Ohio Development Services Agency /U.S. Small Business Administration <i>Tuscarawas SBDC Small Business Development Center FY 2021 (Federal)</i>		10/01/20 - 09/30/21	\$92,000
Sarah Schmidt, Stark Campus Partners of the Americas <i>Sustainable Gardening for Poverty Reduction and Cultural Preservation Project</i>		01/01/21 - 12/31/21	\$25,000
Theresa Schwarz, Urban Design Center/Architecture and Environmental Design Katherine Slusher, Architecture and Environmental Design The Cleveland Foundation <i>Making Our Own Space Rapid Response Team</i>		03/08/21 - 02/28/22	\$75,000
William Southards, College of Aeronautics and Engineering Subaward Ohio Development Services Agency /U.S. Small Business Administration <i>KSU-CAEST SBDC Small Business Development Center FY 2021 (Federal)</i>		10/01/20 - 09/30/21	\$140,000

COMPARATIVE DATA

Fiscal Year to Date	FY 2019 - 2020	FY 2020 - 2021
Total Funding	\$ 28,269,661	\$ 26,010,749
Research	\$ 18,211,153	\$ 17,785,896
Instruction	\$ 4,287,659	\$ 2,455,480
Other Activity	\$ 5,770,849	\$ 5,769,374