

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

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| 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 |

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| 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 |

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| 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 |

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| 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

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| 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 |

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| 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 |