## RESEARCH

**Funds awarded for January- March 2021**

<table>
<thead>
<tr>
<th>Name</th>
<th>College</th>
<th>Amount</th>
<th>Start Date</th>
<th>End Date</th>
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<td>Sonia Alemagno, College of Public Health</td>
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<td>$100,000</td>
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<td>01/10/23</td>
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<td>Matthew Stefanak, College of Public Health</td>
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<td>The Elisabeth Severance Prentiss Foundation</td>
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<td><em>Interprofessional Education (IPE) Program to Address COVID-19 Needs (KSU-IPE-COVID-19)</em></td>
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<td>Sonia Alemagno, College of Public Health</td>
<td>County of Summit</td>
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<td>LGBTQ+ Needs Assessment - Summit County Grant</td>
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<td>Sonia Alemagno, College of Public Health</td>
<td>Andrew Snyder, College of Public Health</td>
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<td>Akron Community Foundation</td>
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<td>To support the Greater Akron LGBTQ+ community needs assessment</td>
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<td>Timothy Assal, Geography</td>
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<td>$89,603</td>
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<td><em>Vulnerability of low-elevation aspen forests to climate altered disturbance regimes</em></td>
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<td>Christine Bahlai, Biological Sciences</td>
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<td>$220,731</td>
<td>06/01/21</td>
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<td>CAREER: What’s next? Developing novel quantitative tools to address conflicting evidence in temporal ecology</td>
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<td>Lique Coolen, Brain Health Research Institute/Biological Sciences</td>
<td>Craig H. Neilsen Foundation</td>
<td>$199,902</td>
<td>Continuation 01/31/21</td>
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<td>Determining Spinal Alterations in Sexual Reflex Control</td>
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<td>Qunxing Ding, East Liverpool</td>
<td>Subaward University of Kentucky /National Institute of Environmental Health Sciences</td>
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<td>Developmental Effects of Manganese Exposure in Rural Adolescents: The CARES Cohort Comes of Age</td>
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<td>Yanhai Du, College of Aeronautics and Engineering</td>
<td>Dhruba Panthi, Tuscarawas Campus</td>
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<td>06/30/21</td>
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<td>Airbus SAS</td>
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<td>Design of dual layered anode supported tubular SOFC</td>
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<td>Jet Fuel On-Board Miniature Desulfurization and Stabilization</td>
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<td>Project Description</td>
<td>PI(s)</td>
<td>Start Date - End Date</td>
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<td><strong>Yanhai Du, College of Aeronautics and Engineering</strong></td>
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<td><strong>Subcontract Powdermet Inc. / U.S. Air Force Research Laboratory</strong></td>
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<td><strong>Long Range Agile UAVs Using Advanced PEM and MAG2TM</strong></td>
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<td><strong>Pamela Ferguson, Research and Evaluation Bureau</strong></td>
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<td><strong>NE Ohio ACHIEVE: Access to Curriculum &amp; High Quality Instruction for Educators Valuing English Language Learners</strong></td>
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<td><strong>Pamela Ferguson, Research and Evaluation Bureau</strong></td>
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<td><strong>PIRE: Bio-Inspired Materials and Systems</strong></td>
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<td><strong>Min Gao, Advanced Materials Liquid Crystals Institute</strong></td>
<td>Lu Zou, Advanced Materials Liquid Crystals Institute</td>
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<td><strong>Facebook Technologies, LLC</strong></td>
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<td><strong>Liquid Crystal Polymer Microscopy Study</strong></td>
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<td><strong>Gregory Gibson, Sociology</strong></td>
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<td>03/01/21 - 04/30/21</td>
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<td><strong>Richard Adams, Sociology</strong></td>
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<td><strong>Anthony Vander Horst, Sociology</strong></td>
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<td><strong>Subaward Maryland Department of Public Health / Centers for Disease Control and Prevention</strong></td>
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<td><strong>Maryland PRAMS: COVID Funds Supplement</strong></td>
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<td><strong>John Gunstad, Psychology</strong></td>
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<td>12/15/20 - 11/30/21</td>
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<td><strong>Jeffrey Ciesla, Psychology</strong></td>
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<td><strong>National Institute on Aging</strong></td>
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<td><strong>Spontaneous Speech and Health Disparities in Risk of Cognitive Decline: WHICAP Offspring Ancillary Study</strong></td>
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<td><strong>Elda Hegmann, Advanced Materials Liquid Crystal Institute / Biological Sciences</strong></td>
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<td><strong>Subcontract UES, Inc. / U.S. Air Force Research Laboratory</strong></td>
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<td><strong>Liquid Crystal based Hydrazine Detector</strong></td>
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<td><strong>Torsten Hegmann, Advanced Materials Liquid Crystals Institute</strong></td>
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<td>06/01/21 - 05/31/24</td>
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<td><strong>Michael Tubergen, Chemistry</strong></td>
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<td><strong>National Science Foundation</strong></td>
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<td><strong>REU Site at Kent State University: Liquid Crystals and Advanced Materials</strong></td>
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<td><strong>Torsten Hegmann, Advanced Materials Liquid Crystals Institute</strong></td>
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<td>12/02/16 - 12/01/21</td>
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<td><strong>Microgravity Studies of Nanoparticles and Topological Defects in Liquid Crystal Thin Films</strong></td>
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<td><strong>Eric Jefferis, Social and Behavioral Sciences</strong></td>
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<td>07/01/20 - 06/30/21</td>
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<td><strong>Subaward Office of Criminal Justice Services / U.S. Department of Justice</strong></td>
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<td><strong>Research Partner for the 2019 NOVCC PSN Program</strong></td>
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<td><strong>Declan Keane, Physics</strong></td>
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<td>04/01/21 - 03/31/22</td>
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<td><strong>Spyridon Margetis, Physics</strong></td>
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<td><strong>U.S. Department of Energy</strong></td>
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<td><strong>Heavy Ion Collisions over a Range of Relativistic Energies</strong></td>
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Deric Kenne, Health Policy Management
Stark County Mental Health and Recovery Services Board
Stark County System of Care Implementation
09/30/20 - 09/29/24 $15,574

Mourad Krifa, Fashion Design and Merchandising
Cotton Incorporated
Cotton and Social Media Literacy: Critical Thinking and Evidence-Based Information Discernment in the Undergraduate Classroom
01/01/21 - 12/31/21 $36,700

Manabu Kurokawa, Biological Sciences
Gail Fraizer, Biological Sciences
National Cancer Institute
Role of CD36 and diet-derived fatty acids in breast cancer
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
Evaluation of Canton-Stark THRIVE Project - Continuation
09/01/20 - 08/31/22 $158,800

Peter Leahy, Health Policy Management
Edward Chiyaka, Health Policy Management
John Hoornbeek, Health Policy Management
ConxusNEO
ConxusNEO Evaluation
02/01/21 - 05/31/23 $20,000

Adam Lockwood, Lifespan Development and Educational Sciences
Texas Woman's University
Impact of COVID-19 on Test Administration and Scores
02/01/21 - 03/01/22 $15,000

Pamela Luft, Lifespan Development and Educational Sciences
The Gregory S. Fehribach Center
Career Success: Skills for Obtaining, Maintaining, and Advancing in Employment
01/01/21 - 12/31/21 $10,000

Aleisha Moore, Biological Sciences
National Institute of Child Health and Human Development
The role of Kisspeptin/Neurokinin B/Dynorphin (KNDy) neurons in the pathogenesis of polycystic ovarian syndrome
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
Dormitory wastewater monitoring of SARS-CoV-2 at Universities and Colleges in the State of Ohio (CARES)
12/01/20 - 06/30/21 $108,970

Xiaozhen Mou, Biological Sciences
Continuation
Subaward The Ohio State University/United States Department of Treasury
CARES Act: State of Ohio Wastewater SARS-CoV-2 Surveillance Project
01/01/21 - 06/30/21 $136,165

Angela Neal-Barnett, Psychology
Akron Community Foundation
To support virtual SOS Sister Circles: stress interventions for expectant & postpartum Black Mothers
04/01/21 - 03/31/23 $9,000
Mary Ann Raghanti, Anthropology 02/15/21 - 01/31/22 $239,328
Melissa Edler, Biomedical Sciences/Anthropology
Subaward The University of Texas MD Anderson Cancer Center /National Institute on Aging
Alzheimer's Disease Pathology in a Primate Model

Angela Ridgel, Health Sciences 04/01/21 - 03/31/22 $13,000
Kristin Noll, Health Sciences
Samantha Harber Fund
Effects of manual vagus nerve stimulation on CRPS inflammatory symptoms

Thorsten-Lars Schmidt, Physics 04/01/21 - 03/31/23 $300,000
National Science Foundation

Carrie Schweitzer, Stark Campus 12/01/20 - 11/30/21 $14,190
Eric Taylor, Stark Campus
Dominion East Ohio Foundation
Water Resources Initiative: STEMM and Environmental Education and Outreach on Water Resources at Kent State University at Stark

Gokarna Sharma, Computer Science 02/01/21 - 01/31/26 $193,429
National Science Foundation
CAREER: Transactional Memory for Distributed Systems

Pamela Stephenson, Nursing 01/01/21 - 12/31/21 $1,500
Andrea Warner Stidham, Nursing
Sigma Theta Tau International Honor Society of Nursing
COVID: The Experiences of Frontline Nurses in Northeast Ohio Caring for Patients During the COVID-19 Pandemic

Mary Step, Social and Behavioral Sciences 01/01/21 - 08/31/21 $16,343
The MetroHealth System
Positive Peers

Deng-Ke Yang, Advanced Materials Liquid Crystal Institute/Physics 01/27/21 - 01/26/22 $110,000
Toyota Motor Sales, U.S.A., Inc.
Two Side Waveguide Liquid Crystal Display

Yaorong Zheng, Chemistry 01/15/21 - 12/31/23 $454,646
Manabu Kurokawa, Biological Sciences
National Cancer Institute
Development of Novel Metal-Based Supramolecular Therapeutics for Ovarian Cancer

Other Sponsored Activity
Amanda Burke, Health Sciences 03/15/21 - 04/30/21 $1,000
Prevention Action Alliance
Problem Gambling Social Media Stipend
Joanne Caniglia, Teaching, Learning and Curriculum Studies  
01/01/21 - 12/31/21 $7,500

The Sisler McFawn Foundation
Virtual Family Math Night

Joanne Caniglia, Teaching, Learning and Curriculum Studies  
03/08/21 - 07/31/21 $2,692

Subaward Paragon TEC /National Aeronautics and Space Administration
STEM Kits for Children

Mark Cassell, Political Science  
Additional 07/01/20 - 06/30/21 $5,000
Ohio Department of Higher Education
Washington Program in National Issues FY20 & FY21

Ken Ditlevson, LGBTQ Center/Diversity, Equity and Inclusion  
04/01/21 - 03/31/22 $2,000
Akron Community Foundation
To support the QUEST Mentorship Program

Todd Hawley, Teaching, Leadership and Curriculum Studies  
Supplement 10/01/19 - 12/31/21 $17,393
Laura Davis, English
National Endowment for the Humanities
Making Meaning of May 4th: The 1970 Kent State Shootings in U.S. History

Justin Hilton, Office of the Provost  
04/01/21 - 03/31/23 $9,000
Akron Community Foundation
To support APS College & Career Academies via a summer DI program for Firestone CLC students & parents

John Holik, IT Administration and Finance  
09/01/20 - 05/31/22 $16,528
Ohio Development Services Agency
TechCred Round 6

Mary Hricko, Geauga Campus  
03/01/21 - 04/30/21 $1,002
Subaward State Library of Ohio /Institute of Museum and Library Services
Celebrating Ohio Book Awards & Authors

Amanda Johnson, Center for International and Intercultural Education  
02/02/21 - 08/16/21 $282,083
Subaward International Research and Exchanges Board /U.S. Department of State
Spring 2021 Fulbright Teaching Excellence and Achievement (Fulbright TEA) Program 21st Century Classroom Media Cohort

Christine Kauth, Stark Campus  
01/16/20 - 07/15/21 $6,650
Lyndy Beckley, Stark Campus
Stark Community Foundation
Strengthening Career Readiness in Critical Care Nursing to Improve Patient Care in Stark County

Annette Kratcoski, Education, Health, & Human Services  
04/01/21 - 03/31/22 $20,239
James Campbell, Design Innovation Initiative
Karl Kosko, Teaching, Learning and Curriculum Studies
Tabitha Messmore, LaunchNet
Martha Holden Jennings Foundation
Immersed in Deep Learning with XR
Jacqueline Marino, Journalism and Mass Communication  
Continuation 01/01/21 - 12/31/21 $3,000

Susan Zake, Journalism and Mass Communication

Media in the Public Interest

The Kent State-Ohio News Connection Reporting Project

Zachary Mikrut, LaunchNET/University Libraries  
07/01/21 - 06/30/23 $350,000

Tabitha Messmore, LaunchNet

Burton D. Morgan Foundation

LaunchNET FY 2022-2023

Cynthia Osborn, Lifespan Development and Educational Sciences  
Continuation 04/30/21 - 04/29/22 $99,420

Substance Abuse and Mental Health Services Administration

Project EnhAnCE-IT: Enhancing Addiction Counseling Education through Integrative Technology

Jessica Paull, Salem Campus  
Additional 07/01/20 - 06/30/21 $10,000

Ohio Department of Higher Education

Kent State University Rising Scholars Program

Victor Pavona, Stark Campus  
10/01/20 - 09/30/21 $147,200

Subaward Ohio Development Services Agency /U.S. Small Business Administration

Stark SBDC Small Business Development Center FY 2021 (Federal)

Stephen Schillig, Tuscarawas Campus  
10/01/20 - 09/30/21 $92,000

Subaward Ohio Development Services Agency /U.S. Small Business Administration

Tuscarawas SBDC Small Business Development Center FY 2021 (Federal)

Sarah Schmidt, Stark Campus  
01/01/21 - 12/31/21 $25,000

Partners of the Americas

Sustainable Gardening for Poverty Reduction and Cultural Preservation Project

Theresa Schwarz, Urban Design Center/Architecture and Environmental Design  
03/08/21 - 02/28/22 $75,000

Katherine Slusher, Architecture and Environmental Design

The Cleveland Foundation

Making Our Own Space Rapid Response Team

William Southards, College of Aeronautics and Engineering  
10/01/20 - 09/30/21 $140,000

Subaward Ohio Development Services Agency /U.S. Small Business Administration

KSU-CAEST SBDC Small Business Development Center FY 2021 (Federal)

**COMPARATIVE DATA**

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