Extramural Funding Report

Funds awarded for January - March 2019: $5,427,058
Total funding to date FY2018 - 2019: $23,544,666

Research

Sonia Alemagno, College of Public Health
Children's Hospital Medical Center of Akron
*Smart and Connected Health Outreach Outcomes and Learning (SCHOOL) Collaborative*
02/01/19 - 01/31/21 $150,024

Allison Bates, Office of Continuing and Distance Education
Marilyn Bokrass, Office of Continuing and Distance Education
Omnova Solutions Foundation
*AFA Cyber Patriot Camp: A STEM-exploration partnership with Warrensville Heights City School District*
03/06/19 - 03/06/20 $4,657

Yossef Ben-Porath, Psychology
Subaward University of Houston-Clear Lake /University of Minnesota Press
*Using Presurgical Psychological Assessments to Predict Psychopathology and Weight Loss Outcomes Five Years after Bariatric Surgery*
07/01/18 - 05/31/19 $5,414

Gargi Bhaduri, Fashion Design and Merchandising
Cotton Incorporated
*Branding Cotton: Student Challenge to Create Online Branding/Marketing Campaign Focusing on Cotton Sustainability, Performance Tech. & Fiber Knowledge to Promote Use & Desirability of Cotton Products*
01/01/19 - 12/31/19 $40,424

Madhav Bhatta, Biostatistics/Epidemiology/Environmental Health
Vinay Cheruvu, Biostatistics/Epidemiology/Environmental Health
County of Summit Alcohol, Drug Addiction, and Mental Health Services Board
*Evaluation of the impact of the use of long-acting injectables on psychosocial outcomes among patients with schizophrenia or schizoaffective disorder*
09/01/18 - 12/31/19 $7,008

Philip Bos, Advanced Materials Liquid Crystal Institute/Physics
Subcontract Defense Engineering Corporation /U.S. Air Force Research Laboratory
*Programmable, High Efficiency Liquid Crystal Based Beam*
10/01/18 - 03/31/19 $10,000

Daniel Chand, Political Science
Daniel Hawes, Political Science
Southern Methodist University
*Serving Immigrant Communities: Immigration Nonprofits in a Time of Heightened Enforcement*
10/03/18 - 10/02/19 $4,500

Lique Coolen, Brain Health Research Institute/Biological Sciences
Craig H. Neilsen Foundation
*Determining Spinal Alterations in Sexual Reflex Control*
01/31/19 - 01/30/22 $199,992
Douglas Delahanty, Psychology  
Subaward Children's Hospital Medical Center of Akron /Kulas Foundation  
*Impact of Music Therapy Interventions on Maternal Stress in the Neonatal Intensive Care Unit*  
01/01/19 - 12/31/21 $84,422

Patrick Dillon, Stark Campus  
Office of National Drug Control Policy  
*Community-Based Outreach and Integrated Medication-Assisted Treatment and Psychosocial Intervention for Opioid Disorder in Appalachian Counties in Tennessee*  
12/01/18 - 11/30/19 $4,139

Patrick Dillon, Stark Campus  
Subaward University of Memphis /Office of National Drug Control Policy  
*Community-Based Outreach and Integrated Medication-Assisted Treatment and Psychosocial Intervention for Opioid Disorder in Appalachian Counties in Tennessee*  
Additional 12/01/18 - 11/30/19 $12,415

Eric Dyne, Biomedical Sciences  
Sigma Xi, The Scientific Research Society  
*GPNMB: a novel candidate for autophagy resolution in a chronic wound model*  
01/07/19 - 01/07/20 $600

Na'Tasha Evans, Health Sciences  
Subaward YMCA of Greater Cleveland /First Year Cleveland  
*Pregnancy and Infant Loss (PAIL) Market Research Study*  
02/15/19 - 08/31/19 $54,400

Pamela Ferguson, Research and Evaluation Bureau  
Summa Health System  
*Police Trauma Survey*  
02/01/19 - 01/31/20 $2,544

Gregory Gibson, Sociology  
Nicole Perrone, Sociology  
Welborn Baptist Foundation  
*Early Learning Welborn*  
10/22/18 - 08/02/19 $68,840

Gregory Gibson, Sociology  
Richard Serpe, Sociology  
Subaward Maryland Department of Public Health /Centers for Disease Control and Prevention  
*Maryland PRAMS*  
Supplement 05/01/18 - 04/30/21 $12,500

Jeffrey Hallam, Social and Behavioral Sciences  
Oriana House, Inc.  
*Co-op with Oriana House, Inc.: Geethika Kodukula*  
01/01/19 - 12/31/19 $18,000

Torsten Hegmann, Advanced Materials Liquid Crystal Institute/Chemical Physics  
Subaward Case Western Reserve University /National Aeronautics and Space Administration  
*Microgravity Studies of Nanoparticles and Topological Defects in Liquid Crystal Thin Films*  
Continuation 12/02/18 - 12/01/21 $20,000

William Kalkhoff, Sociology  
Joshua Pollock, Sociology  
U.S. Department of Army  
*Team Perception and Performance Under Threat*  
Additional 09/11/17 - 09/10/19 $50,000
Declan Keane, Physics
Spyridon Margetis, Physics
U.S. Department of Energy
*Heavy Ion Collisions Over a Range of Relativistic Energies*

Kathryn Kerns, Psychology
Manfred van Dulmen, Psychology
National Institute of Child Health and Human Development

Min-Ho Kim, Biological Sciences
Songping Huang, Chemistry
National Institute of Nursing Research
*Non-invasive magnetic nanothermotherapy for resolution of wound biofilm infection*

Woo-Yang Kim, Biological Sciences
National Institute of Neurological Disorders and Stroke
*Functional characterization of a causative gene for intellectual disability*

Lauren Kinsman-Costello, Biological Sciences
City of Kent, Ohio
*City of Kent Internship for Kent State University Biology Student*

Lauren Kinsman-Costello, Biological Sciences
Subaward The Ohio State University and the Ohio Department of Natural Resources
/National Oceanic and Atmospheric Administration
*Sandusky Bay Research Initiative, Round 3*

Lauren Kinsman-Costello, Biological Sciences
Kent Environmental Council
*Kent Crowd Hydrology: Implementing Citizen Science to Support Local Water Stewardship and Global Hydrology Research*

Kristina Knight, Social and Behavioral Sciences
Subaward Tufts University /The JPB Foundation
*Evaluation of the Early Ages Health Stages Coalition (EAHSC) of Cuyahoga County*

Darci Kracht, Mathematics
National Security Administration
*Pi Mu Epsilon National Student Travel*

Mourad Krifa, Fashion Design and Merchandising
Cotton Incorporated
*Cotton and Social Media Literacy: Critical Thinking and Evidence-Based Information Discernment in the Undergraduate Classroom*

Peter Leahy, Health Policy Management
Lynn Falletta, Epidemiology/Biostatistics
Access Health Stark County
*Evaluation of Chronic Disease Interventions Using Community Health Workers*

Laura Leff, Biological Sciences
Ocean Spray Cranberries Inc.
*Phase 1: Biofilms and cranberries*
Michael Lehman, Brain Health Research Institute/Biological Sciences
Lique Coolen, Brain Health Research Institute/Biological Sciences
Subaward West Virginia University /National Institute of Child Health and Human Development

*Role of NKB in the control of GnRH secretion by ovarian steroids*

Quan Li, Advanced Materials Liquid Crystals Institute
Subaward Azimuth Corporation /U.S. Air Force Research Laboratory

*Well-defined Light-responsive Chiral Liquid Crystal Materials for Tunable Photonics*

Raissa Mendonca, Biological Sciences
Society of Environmental Toxicology and Chemistry

*Metal Oxides in Surface Sediment Control Nickel Bioavailability to Benthic Macroinvertebrates*

Julie Messing, LaunchNET/Libraries and Media Services
Burton D. Morgan Foundation

*LaunchNET FY 2020-2021*

Xiaozhen Mou, Biological Sciences
Laura Leff, Biological Sciences
Subaward The Ohio State University /National Oceanic and Atmospheric Administration

*Ohio Sea Grant College Program R/PS-054: Occurrence of pharmaceuticals and personal care products (PPCPs) in the source and finished public waters in Northeast Ohio*

Angela Neal-Barnett, Psychology
Akron Community Foundation

*SOS Sister Circles: A stress intervention for expectant and postpartum Black Mothers*

Joseph Ortiz, Geology
Kent Environmental Council

*Environmental Science and Design Research Initiative Symposium*

Peter Palffy-Muhoray, Advanced Materials Liquid Crystal Institute/Chemical Physics
Subaward University of Massachusetts, Amherst /U.S. Office of Naval Research

*Photomechanical Material Systems: From Molecules to Devices*

Peter Palffy-Muhoray, Advanced Materials Liquid Crystal Institute/Chemical Physics
Robert Twieg, Chemistry
Hiroshi Yokoyama, Advanced Materials Liquid Crystal Institute/Physics
ZymergenDefense Advanced Research Projects Agency

*Molecular Design of Liquid Crystals for Agile Optical Filter Applications*

Kristine Pytash, Teaching, Learning and Curriculum Studies
Elizabeth Testa, Teaching, Learning and Curriculum Studies
Martha Holden Jennings Foundation

*Designing Identities*

Shawn Rohlin, Economics
Linda Robertson, Center for International and Intercultural Education
Abdihafit Shaeye, Trumbull Campus
Somali Community Association of Ohio

*Economic Impact of the Somali Community on Columbus, OH*
Jacqueline Ruller, College of Aeronautics and Engineering  
Julie Messing, LaunchNET/Libraries and Media Services  
Burton D. Morgan Foundation  
*SkyHack 2.0*

Amy Sato, Psychology  
David Fresco, Psychology  
Manfred van Dulmen, Psychology  
National Institute of Child Health and Human Development  
*Reducing Emotional Eating in Obese Low-Income Adolescents with Mindfulness-Based Behavioral Weight Management*

Scott Sheridan, Geography  
Cameron Lee, Geography  
National Oceanic and Atmospheric Administration  
*Using a synoptic climatological framework to assess predictability of anomalous coastal sea levels in NOAA high priority areas*

Tara Smith, Epidemiology/Biostatistics  
Cleveland Clinic Akron General  
*The Epidemiology, Genomics, and Evolution of S. aureus in Northeast Ohio*

Michael Strickland, Physics  
U.S. Department of Energy  
*Non-Equilibrium Dynamics of the Quark Gluon Plasma*

Hiroshi Yokoyama, Advanced Materials Liquid Crystal Institute/Physics  
National Aeronautics and Space Administration  
*Structure and Dynamics of Monodisperse Liquid Crystal Domains created on Suspended, Molecularly-Thin Smectic Films using Sub-Femtoliter Inkjet Technology*

**Other Sponsored Activity**

Christopher Coles, Music  
The Cleveland Foundation  
*Nine Lives*

Robin Dever, Geauga Campus  
The Cleveland Foundation  
*Rising Scholars at Kent State Geauga: Creating a Pathway for Success in College, Careers and Beyond*

Ken Ditlevson, LGBTQ Center/Diversity, Equity and Inclusion  
Akron Community Foundation  
*To support the QUEST mentorship program*

Virginia Hall, Libraries and Media Services  
Michael Hawkins, University Libraries  
Ohio Local History Alliance  
*Igniting access through digitization: Ohio's Sanborn Fire Maps*

Constance Hawke, Compliance and Risk Management  
David Poluga, Compliance and Risk Management  
Ohio Environmental Protection Agency  
*Kent State University Airport: Replace Airport Ground Support Equipment*
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Start Date</th>
<th>End Date</th>
<th>Funding Amount</th>
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<tr>
<td>Install Weather Reporting Equipment - AWOS II (Design and Construction)</td>
<td>08/03/18</td>
<td>08/02/22</td>
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<td>04/01/19</td>
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<td>To support a summer program for APS College and Career Academies Firestone</td>
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<td>CLC students and parents</td>
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<td>Jacqueline Marino, Journalism and Mass Communication</td>
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<td>Susan Kirkman Zake, Journalism and Mass Communication</td>
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<td>Media in the Public Interest</td>
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<td>The Kent State-Ohio News Connection Reporting Project</td>
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<td>Ryan Miller, English</td>
<td>11/19/18</td>
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<td>Sarah Rilling, English</td>
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<td>Al Quds Open University</td>
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<td>Building the Capacity of the University English Teachers in Updated English Methods</td>
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<td>Ashley Nickels, Political Science</td>
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<td>Casey Boyd-Swan, Political Science</td>
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<td>American Political Science Association</td>
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<td>Growing Democracy: Community Conversations and Workshop Series</td>
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<td>Joseph Ortiz, Geology</td>
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<td>Stark SBDC Small Business Development Center FY 2019 - Federal Funding</td>
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<td>Kelly Piero, Stark Campus</td>
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<td>The Walmart Foundation</td>
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<td>Kent State Stark's Boo U Community Fall Festival</td>
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<td>Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies</td>
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<td>Alexa Sandmann, Teaching, Learning and Curriculum Studies</td>
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<td>Subaward Ohio Department of Higher Education /U.S. Department of Education</td>
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<td>Jacqueline Ruller, College of Aeronautics and Engineering</td>
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<td>Ohio Regional Proposal</td>
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<td>Stephen Schillig, Tuscarawas Campus</td>
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<td>Tuscarawas SBDC FY19 - Federal Funding</td>
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<td>Theresa Schwarz, Urban Design Center/Architecture and Environmental Design</td>
<td>11/05/18</td>
<td>01/30/19</td>
<td>$20,000</td>
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<td>Akron Community Foundation</td>
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<td>Great Streets and Akron Parks Challenge (Phase 1)</td>
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Theresa Schwarz, Urban Design Center/Architecture and Environmental Design 01/21/19 - 12/31/19 $74,000

John S. and James L. Knight Foundation, Inc.
Urban and Landscape Design Support for the City of Akron

William Southards, College of Aeronautics and Engineering 01/01/19 - 09/30/19 $8,000

Michael Fisch, College of Aeronautics and Engineering
Jessica Tremayne-Farkas, College of Aeronautics and Engineering
Subaward Ohio Aerospace Institute /U.S. Small Business Administration
Federal and State Technology Support to Ohio Aerospace Institute (FY19)

William Southards, College of Aeronautics and Engineering 10/01/18 - 09/30/19 $140,000

Subaward Ohio Development Services Agency /U.S. Small Business Administration
Operation of a Small Business Development Center at Kent State University -CAEST
FY2019- Federal Funding

Wendy Turner, WKSU 10/01/18 - 09/30/20 $249,029
Corporation for Public Broadcasting
FY2019 Radio Community Service Grant - Unrestricted

Wendy Turner, WKSU 10/01/18 - 09/30/20 $89,925
Corporation for Public Broadcasting
FY2019 Radio Community Service Grant - Restricted

Wendy Umberger, Nursing 07/01/18 - 06/30/19 $14,833
Subaward Northeast Ohio Medical University /Health Resources and Services Administration
Primary Care Training and Enhancement

COMPARATIVE DATA

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<tr>
<th>Fiscal Year to Date</th>
<th>FY 2017 - 2018</th>
<th>FY 2018 - 2019</th>
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<tbody>
<tr>
<td>Total Funding</td>
<td>$ 18,372,021</td>
<td>$ 23,544,666</td>
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<tr>
<td>Research</td>
<td>$ 11,709,113</td>
<td>$ 16,705,608</td>
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<td>Instruction</td>
<td>$ 2,337,125</td>
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<td>Other Activity</td>
<td>$ 4,325,783</td>
<td>$ 5,361,311</td>
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