# Extramural Funding Report

**Funds awarded for**
April - June, 2015
$7,246,914

**Total funding to date**
FY 2014 - 2015
$25,381,760

## Research

<table>
<thead>
<tr>
<th>Research</th>
<th>Duration</th>
<th>Funding</th>
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<tr>
<td>Sonia Alemagno, College of Public Health</td>
<td>10/01/09 - 09/30/12</td>
<td>$79,000</td>
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<tr>
<td>Subaward Mental Health and Recovery Services Board of Stark County</td>
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<td>/Substance Abuse and Mental Health Services Administration</td>
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<td>SAMHSA Treatment for Homeless-Services in Supportive Housing (2011 funding)</td>
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<td>Carmen Almasan, Physics</td>
<td>06/01/15 - 05/31/18</td>
<td>$400,000</td>
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<td>National Science Foundation</td>
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<td>Electronic and Magnetic Phenomenon in Iron-Based Superconductors</td>
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<td>Laura Bartolo, Arts and Sciences</td>
<td>02/01/15 - 06/30/15</td>
<td>$50,000</td>
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<td>Subaward Rensselaer Polytechnic Institute /National Science Foundation</td>
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<td>RCN: Increasing the Impact of Research Data (RDA1)</td>
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<td>Christopher Blackwood, Biological Sciences</td>
<td>06/01/15 - 05/31/17</td>
<td>$19,333</td>
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<td>Nivedita Clark, Biological Sciences</td>
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<td>National Science Foundation</td>
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<td>Dissertation Research: Are Ectomycorrhizal Fungi Acquiring Resources Made Available by the Activity of Extracellular Enzymes Secreted by Saprotrophs?</td>
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<td>Allan Boike, College of Podiatric Medicine</td>
<td>03/22/15 - 08/22/15</td>
<td>$11,475</td>
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<td>Jill Kawalec, College of Podiatric Medicine</td>
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<td>OCPM Foundation</td>
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<td>Adjunct Sesamoid Fixation to Strengthen First Metatarsophalangeal Joint Arthrodesis</td>
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<td>David Costello, Biological Sciences</td>
<td>05/01/15 - 01/31/16</td>
<td>$3,800</td>
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<td>Andrea Fitzgibbon, Biological Sciences</td>
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<td>Huron Mountain Wildlife Foundation</td>
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<td>Temporal and Spatial Variability in Primary Production in Salmon-Trout River</td>
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<td>Douglas Delahanty, Psychology</td>
<td>04/01/15 - 03/31/16</td>
<td>$36,234</td>
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<td>Subaward University of Akron /Conquer Chiari Foundation</td>
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<td>Biomarkers of Surgical Success in Females with Chiari Malformation Type I</td>
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<td>Christopher Flessner, Psychology</td>
<td>04/13/15 - 01/13/16</td>
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<td>Trichotillomania Learning Center</td>
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<td>Analysis of Data Sets for the BPMI</td>
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<td>Pamela Freeman, Research and Evaluation Bureau</td>
<td>02/01/15 - 09/30/15</td>
<td>$66,529</td>
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<td>Subaward Hospital Council of Northwest Ohio /Centers for Disease Control and Prevention</td>
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<td>Partnerships to Improve Community Health (PICH) - Lucas County, OH</td>
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David Fresco, Psychology
Joel Hughes, Psychology
National Heart, Lung, and Blood Institute
Mindfulness-Based Stress Reduction for High Blood Pressure: A Two-Site RCT

Continuation 06/01/15 - 05/31/16 $734,437

James Gleeson, Physics
Antal Jakli, Liquid Crystal Institute/Chemical Physics
Samuel Sprunt, Physics
Robert Twieg, Chemistry
National Science Foundation
Connecting Short Range Order to Macroscopic Properties in Complex Structured Fluids

Continuation 08/15/13 - 07/31/17 $190,000

Carla Goar, Sociology
American Sociological Association
Moral Stigma: Race, Disability, and Body Size

05/01/15 - 04/30/17 $7,000

Torsten Hegmann, Liquid Crystal Institute
Subaward Institute for Complex Adaptive Matter /National Science Foundation
Chirality at the Nanoscale

04/22/15 - 06/05/15 $15,000

Benjamin Jaye, Mathematics
National Science Foundation
The Geometry of Measures and Regularity of Associated Operators

09/01/15 - 08/31/18 $38,941

Jill Kawalec, College of Podiatric Medicine
OCPM Foundation
APMA Transitional Research Grant Program

02/16/15 - 02/15/16 $25,000

Declan Keane, Physics
Spyridon Margetis, Physics
U.S. Department of Energy
Heavy Ion Collision Over a Range of Relativistic Energies

Continuation 04/01/15 - 03/31/16 $458,000

Mark Kershner, Biological Sciences
National Science Foundation
REU Sites: Terrestrial-aquatic Linkages in Urban Impacted Ecosystems

Continuation 03/01/13 - 02/29/16 $120,236

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

04/22/15 - 03/31/16 $385,042

Lauren Kinsman-Costello, Biological Sciences
Subaward The Ohio State University /National Oceanic and Atmospheric Administration
Cuyahoga River Navigation Channel Sediments: Potential to Release Phosphorus During and After Lake Erie Disposal

04/01/15 - 03/31/16 $10,000
Gary Koski, Biological Sciences  
Pennies in Action  
Enhancing Immunotherapy for HER Family-Expressing Carcinomas  
06/15/15 - 06/14/16 $80,000

Oleg Lavrentovich, Liquid Crystal Institute  
National Science Foundation  
Structure and Properties of the Twist-Bend Nematic Phase  
Continuation 07/01/14 - 06/30/17 $152,554

Oleg Lavrentovich, Liquid Crystal Institute  
Sergij Shiyanovskii, Liquid Crystal Institute  
National Science Foundation  
PFI: AIR-TT: Ultra-fast electro-optical switching of nematic liquid crystals  
07/01/15 - 12/31/16 $200,000

Jonathan Maletic, Computer Science  
National Science Foundation  
CI-ADDO-EN: Collaborative Research: Enhancing the srcML Infrastructure: A Mixed-Language Exploration, Analysis, and Manipulation Framework to Support Software Evolution REU SUPPLEMENT  
Supplement 07/01/13 - 06/30/16 $8,000

Lindsey Matt, Psychology  
Karin Coifman, Psychology  
Psi Chi The International Honor Society in Psychology  
Emotions and Memory Across Time  
04/08/15 - 04/07/16 $1,500

Xiaozhen Mou, Biological Sciences  
Subaward The Ohio State University /Ohio Board of Regents  
Identifying Bacterial Isolates for Bioremediation of Microcystin-contaminated Waters  
03/18/15 - 06/30/17 $40,112

Fedor Nazarov, Mathematics  
National Science Foundation  
Collaborative Research: Universality Phenomena and Several Hard Problems of Non-Homogenous Harmonic Analysis  
Continuation 06/01/13 - 05/31/16 $44,885

Joseph Ortiz, Geology  
Darren Bade, Biological Sciences  
Subaward Bowling Green State University /Ohio Board of Regents  
Detection and Mapping of Cyanobacterial Blooms in Sandusky Bay  
03/18/15 - 08/31/16 $128,349

Gerassimos Petratos, Physics  
A. Mina T. Katramatou, Physics  
National Science Foundation  
Structure of the Nucleon and Few-Body Nuclear Systems with Electron Scattering  
Continuation 07/01/14 - 06/30/17 $190,000

Lynnette Phillips, Epidemiology/Biostatistics  
GOJO Industries, Inc.  
The Ohio Means Internships and Co-ops Research Partnership with GOJO Industries: Courtney M. Bryant  
04/07/15 - 04/06/16 $12,960

Amy Sato, Psychology  
Douglas Delahanty, Psychology  
Manfred van Dulmen, Psychology  
National Institute of Child Health and Human Development  
Biobehavioral Influences on Stress-Induced Eating In Low-Income Adolescents  
Continuation 06/01/15 - 05/31/16 $74,450
Robin Selinger, Liquid Crystal Institute
Jonathan Selinger, Liquid Crystal Institute
National Science Foundation
Programmable and Emergent Structures in Soft Matter: Chirality, Polarity, and Auto-Origami

Deborah Shama-Davis, Research and Evaluation Bureau
Pamela Freeman, Research and Evaluation Bureau
Subaward University of Akron /U.S. Department of Education
Project Achieve: Access to Curriculum and High Quality Instruction for Educator's Valuing English Language Learners

Deepa Shanadi, Research and Evaluation Bureau
Alcohol Drug Addiction and Mental Health Services Board of Cuyahoga County
Evaluation of Alcohol and Other Drug (AOD) Continuum of Care for Adults

Sergij Shiyanovskii, Liquid Crystal Institute
Subaward University of Akron /National Science Foundation
I-Corps Site Mini Grant #SP15-010: EL205 Optical Modulator

Cassandra Storlie, Lifespan Development and Educational Sciences
Martha Holden Jennings Foundation
Becoming Raider Ready

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

Victoria Turner, Geography
Subaward The Ohio State University /Ohio Board of Regents
Social Network Analysis of Lake Erie HABs Stakeholder Groups

Robert Twieg, Chemistry
Torsten Hegmann, Liquid Crystal Institute
National Science Foundation
REU Site at Kent State University: Liquid Crystals and Advanced Materials

James Tyner, Geography
Mandy Munro-Stasiuk, Geography
National Science Foundation
REU Supplement: Estimating the Environmental Impact of Mass Violence

Yafen Wang, Nursing
Connie Tezie, Nursing
Lake Health
Interrelationships among Stress, Resourcefulness and Overeating in Children

Qi-Huo Wei, Liquid Crystal Institute
Robin Selinger, Liquid Crystal Institute
National Science Foundation
Photo-Aligning Molecular Orientations in Liquid Crystal Polymers into Complex Patterns for Programmable Origami

Christopher Woolverton, Environmental Health Sciences
GOJO Industries, Inc.
GOJO Consulting Services Agreement
Christopher Woolverton, Environmental Health Sciences 05/05/15 - 05/31/16 $24,000
GOJO Industries, Inc.
GOJO Testing Service agreement

Artem Zvavitch, Mathematics 09/01/15 - 08/30/20 $35,000
Simons Foundation
Isomorphic and Isometric problems in Convex Geometry

Instruction

Brian Baer, Modern and Classical Language Studies 03/30/15 - 02/28/16 $112,500
National Security Administration
KSU STARTALK: Russian Student Academy

Candace Perkins-Bowen, Journalism and Mass Communication 05/01/15 - 12/31/15 $89,500
American Society of Newspaper Editors
Reynolds High School Journalism Institute 2015

Alexa Sandmann, Teaching, Learning and Curriculum Studies 05/01/15 - 08/31/16 $10,000
Kathryn Walley, Teaching, Learning and Curriculum Studies
Subaward The National Writing Project /U.S. Department of Education
2014-2015 NWP SEED Teacher Leadership Development

Public Service

Scott Courtney, Teaching, Learning and Curriculum Studies 08/16/14 - 06/30/16 $22,205
Joanne Caniglia, Teaching, Learning and Curriculum Studies
Subaward Ohio Department of Education /U.S. Department of Education
Warren City Schools-Kent State Mathematics Partnership Study Group Project

Suzy D'Enbeau, Communication Studies 04/01/15 - 03/31/16 $3,000
Central States Communication Association
Shifting Expertise in a Multi-Disciplinary Team: A Qualitative Exploration of a Coordinated Community Response to Sexual Assault

Lisa Goetsch, Trumbull Campus 05/15/15 - 07/15/15 $21,850
Subaward West Central Job Partnership /U.S. Department of Labor
West Central Job Partnership Contracted Services #3

Thomas Jefferson, Diversity, Equity and Inclusion 06/01/15 - 05/31/16 $495,139
U.S. Department of Education
Classic Upward Bound Academy

Javed Khan, Computer Science 03/01/15 - 03/15/17 $360,000
Jazan University
The Exposition on Cyber Infrastructure and Big Data

William Kist, Teaching, Learning and Curriculum Studies 05/01/15 - 08/31/17 $479,728
Nadir Akbar, Education, Health, & Human Services
Andrew Tonge, Mathematics
Robert Trogdon, English
Great Lakes Higher Education Guaranty Corporation
College Now: A Collaborative Initiative with Kent State University and the Akron Public Schools
Annette Kratcoski, Research Center for Educational Technology/Teaching, Leadership and Curriculum Studies
Martha Holden Jennings Foundation
Developing Computational Thinkers

Charles Latshaw, Music
Kulas Foundation
Kent Blossom Music Festival Kulas Visiting Artist 2015

Janet Leach, Journalism and Mass Communication
John S. and James L. Knight Foundation, Inc.
Poynter KSU Media Ethics Workshop

Austin Melton, Computer Science
Eboni Pringle, Academic Success Center
Ohio Board of Regents
The Ohio Means Internships and Co-ops Program at Kent State University

Julie Messing, Office of the Provost
Burton D. Morgan Foundation
Marketing and Events Manager at Blackstone

Julie Messing, Office of the Provost
Burton D. Morgan Foundation
Blackstone Launch Pad FY16-17

Victor Pavona, Stark Campus
Subaward Ohio Development Services Agency /U.S. Small Business Administration
Stark SBDC FY2015 - Federal funding

Kimberly Peer, Health Sciences
Lauren Miller, Health Sciences
National Athletic Trainers’ Association
Ethnic Leaders in Athletic Training: Reflecting our Past, Enhancing our Present, and Building our Future

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies
Ohio Board of Regents
Adult Basic and Literacy Education Special Projects - supplemental funding

Stephen Schillig, Tuscarawas Campus
Subaward Ohio Development Services Agency /U.S. Small Business Administration
Tuscarawas SBDC FY2015 - Federal funding

Stephen Schillig, Tuscarawas Campus
Subaward Ohio Development Services Agency /U.S. Small Business Administration
Tuscarawas SBDC FY15 - SUPPLEMENT

Theresa Schwarz, Urban Design Center/Architecture and Environmental Design
David Jurca, Urban Design Center/Architecture and Environmental Design
The George Gund Foundation
Future City Sessions
Carrie Schweitzer, Stark Campus  
Robert Hamilton, Stark Campus  
Eric Taylor, Stark Campus  
Muskimgum Watershed Conservancy District  
*Watershed Education at Kent State University at Stark: Reaching Specialists and Citizens*

Ken Slenkovich, College of Public Health  
Logan County Health District  
*Logan County Strategic Planning Assessment*

Melody Tankersley, Office of the Provost  
Fashaad Crawford, Office of the Provost  
Subaward Northeast Ohio Council on Education /Living Cities  
*Talent Dividend Prize Grant*

Therese Tillett, Curriculum Services  
Subaward The Ohio Board of Regents and Ohio Department of Education /U.S. Department of Education  
*Secondary Career-Technical Alignment Initiative (SCTAI) Coordinator - FY15*

Jerry Wong, Music  
Donna Lee, Music  
Omnova Solutions Foundation  
*10th Annual Piano Institute*

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**COMPARATIVE DATA**

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<th>Fiscal Year to Date</th>
<th>FY 2013 - 2014</th>
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<td>Total Funding</td>
<td>$22,674,716</td>
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<tr>
<td>Research</td>
<td>$12,926,648</td>
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<td>Instruction</td>
<td>$3,446,806</td>
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<td>Public Service</td>
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