KENT STATE UNIVERSITY
Research and Sponsored Programs
Grant McGimpsey, Vice President for Research

EXTRAMURAL FUNDING REPORT

Funds awarded for
January - March, 2014
$3,961,670

Total funding to date
FY 2013 - 2014
$17,000,348

Research

Sonia Alemagno, College of Public Health
Ohio Mental Health and Addiction Services
Ohio Adolescent Drug Use Forecasting System Evaluation (OADUF)
01/01/14 - 12/31/14 $40,000

Darren Bade, Biological Sciences
Laura Leff, Biological Sciences
Xiaozhen Mou, Biological Sciences
Subaward The Ohio State University /National Oceanic and Atmospheric Administration
Ohio Sea Grant College Program R/ER-097: Should Nitrogen be Managed in Lake Erie? The Potential of Nitrogen Fixation by Cyanobacteria
02/01/14 - 01/31/15 $39,060

Laura Bartolo, Arts and Sciences
Subaward ASM International /National Institute of Standards and Technology
Structural Materials Data Demonstration Project
09/01/13 - 12/31/14 $50,000

Laura Bartolo, Arts and Sciences
National Institute of Standards and Technology
Laying the Foundation for a Federation of Open Access Materials Data Repositories
03/01/14 - 02/28/15 $20,000

Philip Bos, Liquid Crystal Institute/Chemical Physics
Subaward MIT Lincoln Lab /U.S. Air Force
New Technology Initiative Program Liquid Crystal Thermal Imager
Additional 07/01/12 - 12/31/14 $4,000

Andrea Case, Biological Sciences
National Science Foundation
Understanding the Causes of Geographic Variation in Sex Ratio of a Gynodioecious Plant
Supplement 08/01/09 - 10/31/14 $6,271

Lisa Chinn, Health Sciences
Lauren Miller, Health Sciences
Ohio Athletic Trainers Association
Plantar Pressure and Muscle Activation During an Unplanned Transition Task in Subjects with Chronic Ankle Instability
01/01/14 - 06/30/14 $320

Barry Dunietz, Chemistry
Institute for Complex Adaptive Matter
Ab-initio Molecular Modeling of Electron Transfer and Transport in Organic Semiconductor Crystals
07/01/14 - 06/30/15 $25,000
<table>
<thead>
<tr>
<th>Name</th>
<th>Department/Institution</th>
<th>Date Range</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melissa Edler, Mary Ann Raghanti</td>
<td>Biomedical Sciences/Anthropology, Sigma Xi, The Scientific Research Society</td>
<td>01/01/14 - 01/31/15</td>
<td>$1,000</td>
</tr>
<tr>
<td></td>
<td><em>Are Neurodegenerative Disorders Human-Specific? A Study of Alzheimer's Pathology in Aged Chimpanzees</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Fresco, Richard Serpe</td>
<td>Psychology, Mind &amp; Life Institute</td>
<td>04/01/14 - 03/31/16</td>
<td>$15,000</td>
</tr>
<tr>
<td></td>
<td><em>Examining the Relationship of Meditation Experience to the Neural Correlates of Spontaneous Emotion Regulation</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gregory Gibson, Welborn Baptist Foundation</td>
<td>Sociology</td>
<td>02/01/14 - 07/20/14</td>
<td>$178,648</td>
</tr>
<tr>
<td></td>
<td><em>2014 Tri-State Health Survey</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catherine Goodall</td>
<td>Communication Studies, Subaward The Ohio State University /National Institutes of Health</td>
<td>Continuation 07/01/13 - 06/30/14</td>
<td>$5,909</td>
</tr>
<tr>
<td></td>
<td><em>News and Ad Effects on Alcohol Risk Perception</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>John Hoornbeek</td>
<td>Health Policy Management, Marion Public Health</td>
<td>01/01/14 - 04/30/14</td>
<td>$15,000</td>
</tr>
<tr>
<td></td>
<td><em>Marion County Consolidation Study of City and County Jurisdictions</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anne Jefferson</td>
<td>Geology, Subaward The Ohio State University /U.S. Geological Survey</td>
<td>03/01/14 - 02/28/15</td>
<td>$18,878</td>
</tr>
<tr>
<td></td>
<td><em>Characterizing Stream Restoration's Water Quality Improvement Potential Through Hyporheic Enhancement</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anne Jefferson</td>
<td>Geology, Cleveland Metropolitan Park District</td>
<td>02/01/14 - 12/31/16</td>
<td>$3,998</td>
</tr>
<tr>
<td></td>
<td><em>Assessing the Effects of Green Infrastructure on Metals Concentrations in Stormwater Runoff</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Declan Keane, Spyridon Margetis</td>
<td>Physics, U.S. Department of Energy</td>
<td>Continuation 04/01/13 - 03/31/15</td>
<td>$418,000</td>
</tr>
<tr>
<td></td>
<td><em>Heavy Ion Collisions Over a Range of Relativistic Energies</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quan Li</td>
<td>Liquid Crystal Institute, Subaward U.S. Air Force</td>
<td>Continuation 12/01/13 - 02/28/14</td>
<td>$15,000</td>
</tr>
<tr>
<td></td>
<td><em>Light-Driven Chiral Molecular Motors for Passive Agile Filters</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bradley Morris</td>
<td>Lifespan Development and Educational Sciences, Subaward Michigan State University /National Science Foundation</td>
<td>Continuation 08/15/11 - 07/31/14</td>
<td>$10,848</td>
</tr>
<tr>
<td></td>
<td><em>Cluster Randomized Trial of the Efficacy of Early Childhood Science Education for Low-Income Children</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Oscar Rocha, Biological Sciences 04/01/14 - 11/01/15 $6,000
Geauga Park District
Population viability analysis of the Tamarack in Kelso Lake area: defining the critical stages in the life cycle of this species for establishing adequate management strategies

Deborah Shama-Davis, Research and Evaluation Bureau Additional 01/03/13 - 02/28/14 $5,000
Subaward Akron Public Schools /U.S. Department of Education
Akron Public School 21st Century After-School Program 2012-2013

Deborah Shama-Davis, Research and Evaluation Bureau 02/01/14 - 09/23/14 $101,000
Pamela Ferguson Freeman, Research and Evaluation Bureau
Subaward Ohio Department of Education /U.S. Department of Education
ARRA: Race to the Top Closing the Achievement Gap Grant

Deborah Shama-Davis, Research and Evaluation Bureau 02/10/14 - 12/31/14 $5,000
Alchemy Inc.
Alchemy Survey

Scott Sheridan, Geography Continuation 08/01/13 - 01/31/15 $66,891
National Aeronautics and Space Administration
Development of a Water Clarity Index for the Southeastern U.S. as a Climate Indicator

Gregory Smith, Lifespan Development and Educational Sciences Continuation 01/31/14 - 12/31/14 $501,860
National Institute of Nursing Research
Comparing Interventions to Improve the Well-Being of Custodial Grandfamilies

Gregory Smith, Lifespan Development and Educational Sciences Additional 01/31/14 - 12/31/14 $50,186
National Institute of Nursing Research
Comparing Interventions to Improve the Well-Being of Custodial Grandfamilies

Kristy Welshhans, Biological Sciences 08/09/13 - 08/08/15 $38,487
Jerome Lejeune Foundation, USA
Dysregulated Local Translation of Dscam in Down Syndrome

Deng-Ke Yang, Liquid Crystal Institute/Chemical Physics Continuation 01/16/14 - 01/15/15 $84,560
Universal Display Corporation
Simulation Study of OLED Light Extraction - year 3

Hiroshi Yokoyama, Liquid Crystal Institute/Chemical Physics 12/02/13 - 06/02/14 $26,500
Deng-Ke Yang, Liquid Crystal Institute/Chemical Physics
Subcontract Hitron Technologies Inc. /Navy Sea Systems Command
Electro-Optic and Infrared Situational Awareness Display

Instruction

Brian Baer, Modern and Classical Language Studies 03/28/14 - 02/28/14 $112,500
National Security Administration
KSU STARTALK Chinese Student Academy

Brian Baer, Modern and Classical Language Studies 03/28/14 - 02/28/15 $112,500
National Security Administration
KSU STARTALK Beginning Russian Student Academy
Claudia Khourey-Bowers, Stark Campus  
Christopher Fenk, Tuscarawas Campus  
Subaward Ohio Board of Regents /U.S. Department of Education  
*Conceptual Chemistry for Teachers of Grades 4-9*  
01/20/14 - 05/31/15 $124,007

Bridget Mulvey, Teaching, Learning and Curriculum Studies  
Stanley Christensen, Teaching, Learning and Curriculum Studies  
Subaward Ohio Board of Regents /U.S. Department of Education  
*Operation Physics for Middle School Teachers*  
01/20/14 - 05/31/15 $115,402

Bridget Mulvey, Teaching, Learning and Curriculum Studies  
Jacqueline Mills, Geography  
Subaward Ohio Board of Regents /U.S. Department of Education  
*Earth Systems Science*  
01/20/14 - 05/31/15 $100,252

Alexa Sandmann, Teaching, Learning and Curriculum Studies  
Subaward National Writing Project /U.S. Department of Education  
*2014-2015 NWP SEED Teacher Leadership Development*  
05/01/14 - 08/31/16 $10,000

Public Service

John Granny, Geauga Campus  
U.S. Department of Transportation  
*Geauga Campus Transit Shelter/Parking*  
01/01/14 - 02/28/14 $441,000

Karl Kosko, Teaching, Learning and Curriculum Studies  
Rick Ferdig, Lifespan Development and Educational Sciences  
Martha Holden Jennings Foundation  
*Making Mathematics Mobile*  
05/01/14 - 04/30/15 $30,725

Austin Melton, Computer Science  
Eboni Pringle, Academic Success Center  
Ohio Board of Regents  
*Kent State University Ohio Means Internships: Integrated Business and Academic Internship and Co-op infrastructure*  
03/24/14 - 12/31/16 $281,186

Victor Pavona, Stark Campus  
Subaward Ohio Development Services Agency /U.S. Small Business Administration  
*Stark SBDC FY2014*  
10/01/13 - 09/30/14 $67,188

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies  
Alexa Sandmann, Teaching, Learning and Curriculum Studies  
Subaward from Ohio Board of Regents through The Ohio State University /U.S. Department of Education  
*2014 ABLE (Adult Basic and Literacy Education) Professional Development Network*  
07/01/13 - 06/30/14 $469,951

Stephen Schillig, Tuscarawas Campus  
Subaward Ohio Development Services Agency /U.S. Small Business Administration  
*Tuscarawas SBDC FY14*  
10/01/13 - 09/30/14 $137,050
Denise Seachrist, Music
Charles Latshaw, Music
Kulas Foundation
Kent/Blossom Music Festival Kulas Visiting Artist 2014

Jared Skaggs, Recreational Services
Ohio Department of Natural Resources
Stand Up Paddling Safety and Education

Dan Skinner, WKSU
Corporation for Public Broadcasting
FY2014 Radio Community Service Grant - supplemental funding

Ken Slenkovich, College of Public Health
Center for Community Solutions
Collaborative Agreement Center for Community Solutions

Kathrine Vance-Righetti, East Liverpool
Subaward Northeast Ohio Medical University/Substance Abuse and Mental Health Services Administration
Ohio Program for Campus Safety and Mental Health

Andrew Wiley, Lifespan Development and Educational Sciences
Brian Barber, Lifespan Development and Educational Sciences
Pena Bedesem, Lifespan Development and Educational Sciences
Steven Turner, Teaching, Learning and Curriculum Studies
Lori Wilfong, Stark Campus
Subaward University of Dayton/U.S. Department of Education
Project ASTUTE-Improving Education for All Students Through Unified Teacher Education

Susan Zake, Journalism and Mass Communication
Association for Education in Journalism and Mass Communication
Incorporating Public Lab into JMC Classroom Environmental Reporting: Applying Open-Source Tools to the Crooked River Project

COMPARATIVE DATA

<table>
<thead>
<tr>
<th>Fiscal Year to Date</th>
<th>FY 2012 - 2013</th>
<th>FY 2013 - 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Funding</td>
<td>$ 21,140,618</td>
<td>$ 17,000,348</td>
</tr>
<tr>
<td>Research</td>
<td>$ 12,172,610</td>
<td>$ 8,698,734</td>
</tr>
<tr>
<td>Instruction</td>
<td>$ 2,786,995</td>
<td>$ 2,868,444</td>
</tr>
<tr>
<td>Public Service</td>
<td>$ 6,181,013</td>
<td>$ 5,433,170</td>
</tr>
</tbody>
</table>