Research

Laura Bartolo, Arts and Sciences
National Institute of Standards and Technology
Cobalt-based Superalloys Case Study as Part of the Data, Models and Measurements for the Materials Innovation Infrastructure
Additional 06/01/12 - 05/31/15 $45,000

Yossef Ben-Porath, Psychology
University of Minnesota Press
Further Development of the MMPI-2-RF
Additional 07/01/14 - 06/30/15 $5,000

Philip Bos, Liquid Crystal Institute/Chemical Physics
Subaward MIT Lincoln Lab /U.S. Air Force
New Technology Initiative Program Liquid Crystal Thermal Imager
Continuation 07/01/12 - 12/31/15 $55,000

Gemma Casadesus Smith, Biological Sciences
National Institute on Aging
Gonadotropin involvement in cognition and Alzheimer's disease: Therapeutic Implications
Additional 07/15/14 - 07/31/15 $4,729

L.C. Chien, Liquid Crystal Institute/Chemical Physics
SCI Engineered Materials Inc.
Transparent Conductive Aluminum-Doped Zinc Oxide Films for Liquid Crystal Displays
10/01/14 - 09/30/15 $50,000

Robert Clements, Biological Sciences
James Blank, Biological Sciences
John Dunlosky, Psychology
Annette Kratcoski, Research Center for Educational Technology/Teaching, Leadership and Curriculum Studies
The Sisler McFawn Foundation
Using 3D Stereoscopic Technology to Develop Next Generation Science Leaders in Akron Public Schools
11/07/14 - 11/06/15 $12,500

Jacqueline Curtis, Geography
Andrew Curtis, Geography
Children's Hospital Medical Center of Akron Centers for Disease Control and Prevention
Akron Children's Hospital (ACH) Mapping and Spatial Analysis for Childhood Injuries in the City of Akron and Summit County, Ohio
Additional 06/11/14 - 10/31/14 $3,046
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Start Date</th>
<th>End Date</th>
<th>Funding Amount</th>
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<td><strong>Yanhai Du</strong>, Applied Engineering, Sustainability, &amp; Technology</td>
<td>06/20/14</td>
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<td>Subcontract Yanhai Power /National Aeronautics and Space Administration</td>
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<td>Fabrication of T-SOFC via Freeze Cast Methods for Space and Portable Applications</td>
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<td><strong>David Fresco</strong>, Psychology</td>
<td>09/25/14</td>
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<td>SMART Center: Understanding the Brain-Behavior Link in Self-Management of Health</td>
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<td><strong>John Gunstad</strong>, Psychology</td>
<td>09/10/14</td>
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<td><strong>Antal Jakli</strong>, Liquid Crystal Institute/Chemical Physics</td>
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<td>Elizabeth Mann, Physics</td>
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<td>I-Corps Sites Mini Grant: Liquid Crystal-based Biosensors</td>
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<td><strong>Benjamin Jaye</strong>, Mathematics</td>
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<td><strong>Dmitry Ryabogin</strong>, Mathematics</td>
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<td><strong>Artem Zvavitch</strong>, Mathematics</td>
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<td>CBMS Conference: Introduction to the theory of valuations on convex sets</td>
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<td>01/01/14</td>
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<td><strong>Anne Jefferson</strong>, Geology</td>
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<td><strong>Satyendra Kumar</strong>, Physics</td>
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<td><strong>Quan Li</strong>, Liquid Crystal Institute</td>
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<td>U.S. Department of Energy</td>
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<td><strong>Oleg Lavrentovich</strong>, Liquid Crystal Institute</td>
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<td>UW Center for Excellence for Materials Research and Innovation (CEMRI) on Structured Surfaces (MRSEC)</td>
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Rui Liu, Architecture and Environmental Design  
Reid Coffman, Architecture and Environmental Design  
Ohio Lake Erie Commission  
*Dredged Material for Stormwater Management*

Christopher Malcuit, Biological Sciences  
Medline Industries Inc.  
*Proteomic and Biocompatibility Analysis of Decellularized Amniotic Matrices*

Hanbin Mao, Chemistry  
National Science Foundation  
*International Collaboration in Chemistry: Population Dynamics and Subdomain Stability of Folded Species in the Full-length Overhang Region of Human Telomeres*

Grant McGimpsey, Chemistry  
Christopher Malcuit, Biological Sciences  
Subaward Worcester Polytechnic Institute /U.S. Department of Army  
*Chemical and Physical Modification of Surfaces for the Regeneration of Functional Neurons*

Bradley Morris, Lifespan Development and Educational Sciences  
John Dunlosky, Psychology  
National Science Foundation  
*A Collaboration to Develop Tools for Mapping and Assessing the Impact of STEM Experiences Across Different Ecologies*

Joseph Ortiz, Geology  
Sushma Parab, Geology  
Subaward The Ohio State University /National Oceanic and Atmospheric Administration  
*Development of an expanded pigment spectral library for identification of phytoplankton by visible derivative spectroscopy*

Daniela Popescu, Geauga Campus  
National Multiple Sclerosis Society  
*The Role of Vitamin K in Remyelination*

Takahiro Sato, Teaching, Learning and Curriculum Studies  
The Ohio Association of Health, Physical Education, Recreation & Dance  
*Master's Students' Experiences within Adapted Physical Education Graduate Programs*

Ken Slenkovich, College of Public Health  
Heather Beard, Biostatistics/Epidemiology/Environmental Health  
Centers for Disease Control / Health Resources Services Administration /Summit County Department of Public Health  
*Kent State University and Summit County Health District Agreement*

Gregory A Smith, Stark Campus  
National Science Foundation  
*COLLABORATIVE RESEARCH: Natural Selection on Growth and Locomotor Development in Eastern Cottontail Rabbits (Sylvilagus floridanus)*
Tara Smith, Epidemiology/Biostatistics
Subaward Translational Genomics Research Institute /National Institute of Allergy and Infectious Diseases
*Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence*

Michael Strickland, Physics
American Physical Society
*M. Hildred Blewett Fellowship - Lusaka Bhattacharya*

Robert Twieg, Chemistry
Subaward University of Central Florida /U.S. Office of Naval Research
*Low-Absorption Liquid Crystals for Infrared Beam Steering*

Deng-Ke Yang, Liquid Crystal Institute/Chemical Physics
Quan Li, Liquid Crystal Institute
BOE Technology Group Co. LTD
*Ultrafast Flexoelectric Liquid Crystal Displays*

Xinyue Ye, Geography
Ruoming Jin, Computer Science
Jay Lee, Geography
Subaward San Diego State University /National Science Foundation
*Spatiotemporal Modeling of Human Dynamics Across Social Media and Social Networks*

**Instruction**

Barbara Drew, Nursing
Wendy Umberger, Nursing
Ohio Mental Health and Addiction Services
*Kent State University Advanced Practice Psychiatric Mental Health Nursing*

**Public Service**

Scott Courtney, Teaching, Learning and Curriculum Studies
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*

Robin Dever, Geauga Campus
The Cleveland Foundation
*The Impact of Teaching Science Within an Environmental Setting on Pre-Service Teachers and Middle Level Students*

Lisa Goetsch, Trumbull Campus
Subaward West Central Job Partnership /U.S. Department of Labor
*West Central Job Partnership Contracted Services*

Jihyun Kim, Fashion Design and Merchandising
James Campbell, Fashion Design and Merchandising
Cotton Incorporated
*Cotton Incorporated Guest Speaker Series: The Role of the Cotton Fiber and Cotton Textile in the Textile and Apparel Industry*
William Kist, Teaching, Learning and Curriculum Studies 01/01/15 - 12/31/15 $36,655
Martha Holden Jennings Foundation
*Writing Ourselves: Digitally Capturing Best Practices for Struggling Writers*

Darci Kracht, Mathematics 01/01/15 - 12/31/15 $2,500
Educational Advancement Foundation
*An Inquiry-Based Course in the Mathematics of Social Choice*

Roy Messing, Political Science 11/01/14 - 10/31/15 $71,988
U.S. Department of Agriculture
*The Cooperative Development Center at Kent State University*

Rebecca Morsefield, Lifespan Development and Educational Sciences 07/01/14 - 06/30/15 $11,311
Brian Barber, Lifespan Development and Educational Sciences
Subaward Ohio Department of Education /U.S. Department of Education
*Improving Instruction and Learning for Students with Disabilities and Other At-Risk Learners*

Victor Pavona, Stark Campus 10/01/14 - 09/30/15 $15,860
Ohio Development Services Agency
*Stark SBDC FY2015 - State Funding*

Linda Robertson, Center for International and Intercultural Education 08/01/14 - 06/15/15 $179,993
Martin Jencius, Lifespan Development and Educational Sciences
Subaward International Research and Exchanges Board (IREX) /U.S. Department of State
*International Leaders in Education Program 2015*

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies 07/01/14 - 06/30/15 $11,800
Subaward Camden County College /New Jersey Department of Labor and Workforce Development
*Contextualized lesson development and training*

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies 08/01/14 - 06/30/15 $372,000
Subaward The Ohio State University and Ohio Board of Regents /U.S. Department of Education
*ABLE Professional Development Network*

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies 10/01/14 - 06/30/15 $245,000
Ohio Board of Regents
*Adult Basic and Literacy Education Special Projects*

Alexa Sandmann, Teaching, Learning and Curriculum Studies 10/01/14 - 12/31/15 $2,000
Kathryn Walley, Teaching, Learning and Curriculum Studies
Subaward National Writing Project /Bill & Melinda Gates Foundation
*NWP at Kent State University*

Stephen Schillig, Tuscarawas Campus 10/01/14 - 09/30/15 $36,119
Ohio Development Services Agency
*Tuscarawas SBDC FY15 - State Funding*
Theresa Schwarz, Urban Design Center/Architecture and Environmental Design
David Jurca, Urban Design Center/Architecture and Environmental Design
St. Luke's Foundation
Public Space Youth Build Workshop

12/18/14 - 12/17/15 $73,966

Debra Shelestak, Stark Campus
Health Foundation of Greater Massillon
Glucose and Cholesterol Monitoring Project

06/01/14 - 06/01/15 $1,693

Dan Skinner, WKSU
Corporation for Public Broadcasting
FY2015 Radio Community Service Grant

10/01/14 - 09/30/16 $378,654

William T. Southards, Technology
Michael Fisch, Applied Engineering, Sustainability, & Technology
Ohio Development Services Agency
Manufacturing and Technology Small Business Development Center FY2015

10/01/14 - 09/30/15 $200,000

Dean Tondiglia, Police Department
Ohio Department of Public Safety
Use of an Explosives Detecting Canine

09/02/14 - 06/30/15 $11,000

Marcia Zeng, Library and Information Science
Subaward University of Washington /Institute of Museum and Library Services
Linked Data for Professional Education (LD4PE)

12/01/14 - 11/30/16 $72,075

COMPARATIVE DATA

Fiscal Year to Date FY 2013 - 2014 FY 2014 - 2015
Total Funding $ 13,038,678 $ 14,738,855
Research $ 5,896,318 $ 8,490,882
Instruction $ 2,293,783 $ 1,631,379
Public Service $ 3,848,577 $ 4,616,594