Research

Veronica Antochevez Dexheimer Strickland, Physics  
National Science Foundation  
*CAREER: Dense Phases in Neutron Stars*

Sara Bayramzadeh, Architecture and Environmental Design  
Mary Anthony, Nursing  
Douglas Delahanty, Psychology  
Agency for Healthcare Research and Quality  
*Towards a Model of Safety and Care for Trauma Room Design*

Kathleen Campana, Library and Information Science  
Michelle Baldini, Library and Information Science  
Elaine Thomas, Nursing  
Institute of Museum and Library Services  
*Project SHIELD: Supporting Healthy Infant Early Learning and Development*

Kathleen Campana, Library and Information Science  
Institute of Museum and Library Services  
*Project Voice (Value-sensitive design of Outcomes Informing Community Engagement) for Libraries - Supplement*

L.C. Chien, Advanced Materials Liquid Crystal Institute/Chemical Physics  
Industry Partner  
*Smart Liquid Crystal Windows Stage III*

Lique Coolen, Brain Health Research Institute/Biological Sciences  
USA Medical Research Acquisition Activity  
*Dopamine D3 Agonists: Developing Treatments for Sexual Dysfunction in Chronic Spinal Cord-Injured Male Rats*

David Costello, Biological Sciences  
National Science Foundation  
*CAREER: Beyond N and P: How trace metal limitation influences stream ecosystem function - Research Experience for Post-Baccalaureate Students (REPS) in the Biological Sciences*

Metin Eren, Anthropology  
Michelle Bebber, Anthropology  
Michael Fisch, College of Aeronautics and Engineering  
National Science Foundation  
*Collaborative Research: Functional Analysis of Lithic Artifacts*
Pamela Ferguson, Research and Evaluation Bureau  
Institute for Multi-Sensory Education  
*Three-project IMSE Program Evaluation*  
08/01/21 - 07/31/22  $35,500

Susan Fisk, Sociology  
National Science Foundation  
*Collaborative Research: BPC-AE: STARS: Catalyzing Action-Oriented Academic Communities for Broadening Participation in Computing*  
10/01/21 - 09/30/24  $205,986

Gregory Gibson, Sociology  
Richard Adams, Sociology  
Subcontract Indiana Department of Health/Centers for Disease Control and Prevention  
*Indiana PRAMS FY22*  
07/01/21 - 06/30/22  $169,570

Peter Gordon, Mathematics  
United States-Israel Binational Science Foundation  
*Studies in Deflagration-to-Detonation Transition in Unconfined Systems*  
10/01/21 - 09/30/25  $15,350

Torsten Hegmann, Advanced Materials Liquid Crystals Institute  
Elda Hegmann, Advanced Materials Liquid Crystal Institute/Biological Sciences  
National Science Foundation  
*PFI-RP: A Development of zero-power optical sensor platform for the detection of toxic gases*  
07/15/21 - 06/30/24  $550,000

Peter Jeffy, University College Academic Diversity Success  
U.S. Department of Education  
*Kent State University McNair Scholars Program*  
Continuation 10/01/21 - 09/30/22  $272,364

Ruoming Jin, Computer Science  
National Science Foundation  
*EAGER: Collaborative Research: On the Theoretical Foundation of Recommendation System Evaluation*  
09/15/21 - 08/31/22  $79,999

Deric Kenne, Health Policy Management  
Ruoming Jin, Computer Science  
Substance Abuse and Mental Health Services Administration  
*Northeast Ohio Tri-County Prevention Infrastructure (TCPI)*  
Continuation 09/30/21 - 09/29/22  $300,000

Kwangtaek Kim, Computer Science  
Robert Clements, Biological Sciences  
Jeremy Jarzembak, Nursing  
National Science Foundation  
*Bimodal Haptic-Mixed Reality (HMR) Needle Insertion Simulation for Hand-Eye Skills*  
09/15/21 - 08/31/24  $517,000

Lauren Kinsman-Costello, Biological Sciences  
Subaward The Ohio State University/Ohio Department of Natural Resources  
*H2Ohio Wetland Monitoring Program*  
Continuation 07/01/21 - 12/31/22  $187,679

Lauren Kinsman-Costello, Biological Sciences  
U.S. Department of Energy  
*Rewriting the Redox Paradigm: Dynamic Hydrology Shapes Nutrient and Element Transformations in a Great Lakes Coastal Estuary*  
09/01/21 - 08/31/22  $297,959
Bethany Lanese, Health Policy Management
Stark County Mental Health and Recovery Services Board
Evaluation of the StarkMHAR Continuous Improvement Project in Behavioral Health
07/01/21 - 06/30/23 $136,033

Oleg Lavrentovich, Advanced Materials Liquid Crystal Institute/Physics
Sergii Shyiyanovskii, Advanced Materials Liquid Crystals Institute
National Science Foundation
Electro-optical phase retarders based on newly discovered nematics
09/15/21 - 08/31/24 $438,605

Oleg Lavrentovich, Advanced Materials Liquid Crystal Institute/Physics
Sergii Shyiyanovskii, Advanced Materials Liquid Crystals Institute
CareGlance Srl
Fast switching electrooptical cells
09/01/21 - 05/31/22 $92,974

Mykal Leslie, Lifespan Development and Educational Sciences
Subaward Virginia Commonwealth University/Administration for Community Living
Rehabilitation Research and Training Center (RRTC) on Employment of Transition-Age Youth with Disabilities
Continuation 09/30/21 - 09/29/22 $149,798

Mykal Leslie, Lifespan Development and Educational Sciences
Subaward Virginia Commonwealth University/Administration for Community Living
Rehabilitation Research and Training Center (RTTC) on Employment of People with Intellectual and Developmental Disabilities
Continuation 09/30/21 - 09/29/22 $183,696

Jian Li, Foundations, Leadership and Administration
Subaward University of Kentucky Research Foundation/National Multiple Sclerosis Society
A Two-Phased Examination of Labor Force Participation, Employment Concerns, and Workplace Discrimination among Latinas/os and African Americans with Multiple Sclerosis
12/01/20 - 03/31/22 $50,000

Jun Li, Mathematics
National Science Foundation
Offline and Online Change-Point Analysis for Large-Scale Time Series Data
Continuation 09/01/21 - 08/31/22 $32,967

Rui Liu, College of Aeronautics and Engineering
Subcontract Immobileyes Inc./U.S. Air Force Research Laboratory
Intelligent Air Laser System for Mission Support w/ Multi-UAVs Equipped with Laser Beams
04/26/21 - 07/23/21 $20,000

Hanbin Mao, Chemistry
National Cancer Institute
Specific Recognition of G-quadruplexes
Continuation 09/01/21 - 08/31/22 $319,224

Hossein Mirinejad, College of Aeronautics and Engineering
Behrouz Kharabian, College of Aeronautics and Engineering
Subaward University of Akron/National Science Foundation
Type II: The University of Akron I-Corps Site: Slide Chiller
06/04/21 - 12/31/21 $2,500

Xiaozhen Mou, Biological Sciences
Subaward The Ohio State University/Centers for Disease Control and Prevention
State of Ohio wastewater SARS-CoV-2 surveillance subaward
07/01/21 - 06/30/22 $272,935
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<td>Lynette Phillips</td>
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<td>How the Surface Roughness Contributes to Wettability and its Alteration of Geologic Minerals</td>
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Gregory Smith, Lifespan Development and Educational Sciences  
National Institute on Aging  
Social Intelligence training for custodial grandmothers and their adolescent grandchildren  
Continuation 06/01/21 - 05/31/22 $551,641

Rafaela Takeshita, Anthropology  
National Science Foundation  
Middle childhood growth and development in the evolution of human life history  
08/15/21 - 07/31/24 $300,000

Clarissa Thompson, Psychology  
Karin Coifman, Psychology  
Jennifer Taber, Psychology  
U.S. Department of Education  
An Educational Intervention to Combat Whole Number Bias in Risk Perceptions in an Ambiguous Health Context: COVID-19  
Continuation 09/01/21 - 08/31/22 $27,628

Darlene Unger, Lifespan Development and Educational Sciences  
Administration for Community Living  
A Professional Development and Case Management (PDCM) Model for Seamless Transition Planning: Improving Postschool Outcomes  
Continuation 09/01/21 - 08/31/22 $475,000

Jeremy Williams, Geology  
Institute for Citizens and Scholars  
2021 Career Enhancement Fellowship for Junior Faculty: Understanding Trade and Economies of Pre-Historic Americans in the Midwest through Geochemical Techniques  
06/01/21 - 12/31/21 $15,000

Instruction

Sonia Alemagno, College of Public Health  
Jennifer Miller, College of Public Health  
Ohio Department of Higher Education  
Choose Ohio First Scholarship Program: Scholarships in STEMM at Kent State University in Public Health  
Continuation 07/01/21 - 06/30/22 $28,000

Salma Benhaida, Office of Global Education  
Subaward International Research and Exchanges Board /U.S. Department of State  
Global Undergraduate Exchange Program in Pakistan - Fall 2021 students  
Continuation 08/01/21 - 12/31/21 $40,887

Salma Benhaida, Office of Global Education  
Subaward World Learning /U.S. Department of State  
2021 Fall Global Undergraduate Exchange Program (Global UGRAD)  
08/15/21 - 12/31/21 $31,268

Ching-I Chen, Lifespan Development and Educational Sciences  
U.S. Department of Education  
Interdisciplinary Preparation in Early Educational Professions (Project INPREP)  
Continuation 11/01/21 - 10/31/22 $249,582

Sanna Harjusola-Webb, Lifespan Development and Educational Sciences  
U.S. Department of Education  
Project NEXT (Natural Environments x Teams)  
Continuation 10/01/21 - 09/30/22 $250,000
Aloysius Kasturiarachi, Stark Campus
Christine Kauth, Stark Campus
Gregory A Smith, Stark Campus
Ohio Department of Higher Education
Choose Ohio First Scholarship Program: Scholarships in STEMM at Kent State University - Stark

Continuation 07/01/21 - 06/30/22 $100,800

Edgar Kooijman, Biological Sciences
Ohio Department of Higher Education
Choose Ohio First Scholarship Program: Career Pathways in STEM-Life Sciences: Advancing the human condition with technology

Continuation 07/01/21 - 06/30/22 $165,000

Tracey Motter, Nursing
Christine Kauth, Stark Campus
Ohio Department of Higher Education
Choose Ohio First Scholarship Program: Linked-In to Practice BSN Program

Continuation 07/01/21 - 06/30/22 $111,000

Davison Mupinga, Teaching, Learning and Curriculum Studies
Subaward Ohio Department of Education / U.S. Department of Education
CTE Teacher Preparation and Retention FY22

07/01/21 - 06/30/22 $100,000

Cynthia Osborn, Lifespan Development and Educational Sciences
Kelly Cichy, Lifespan Development and Educational Sciences
Joel Hughes, Psychology
William Lechner, Psychology
Cassandra Storlie, Lifespan Development and Educational Sciences
Health Resources and Services Administration
Behavioral Health Workforce Education and Training Program

09/01/21 - 08/31/22 $562,315

Evgenia Soprunova, Mathematics
Darci Kracht, Mathematics
Andrew Tonge, Mathematics
Ohio Department of Higher Education
Choose Ohio First Scholarship Program: Careers in Mathematics and Computer Science

Continuation 07/01/21 - 06/30/22 $580,350

Michael Tubergen, Chemistry
Robin Selinger, Advanced Materials Liquid Crystal Institute/Physics
Ohio Department of Higher Education
Choose Ohio First Scholarship Program: Workforce Training for Ohio's STEM Industries

Continuation 07/01/21 - 06/30/22 $71,500

Other Sponsored Activity

Sonia Alemagno, College of Public Health
Andrew Snyder, College of Public Health
Akron Community Foundation
To support the Greater Akron LGBTQ+ community needs assessment

07/01/21 - 06/30/22 $10,000

Rebecca Balogh Gates, Theatre and Dance
Ohio Arts Council
Porthouse Theatre/Operating Support FY 22

07/01/21 - 06/30/22 $16,791
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<th>Project Description</th>
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<td>Big Read: Northeast Ohio Reads &quot;An American Sunrise&quot;</td>
<td>07/29/21 - 06/30/22</td>
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<td>Adam Cinderich, University College Academic Diversity Success Continuation</td>
<td>09/01/21 - 08/31/22</td>
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<td>Wick Poetry Center Park Stanzas</td>
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<td>Wick Poetry Traveling Stanzas Mobile Makerspace</td>
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<td>Install Wildlife Hazard Perimeter Fence (15,500 LF) - Design and Construction</td>
<td>07/26/21 - 12/01/21</td>
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<td>Amanda Johnson, Center for International and Intercultural Education</td>
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<td>Martin Jencius, Lifespan Development and Educational Sciences</td>
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<td>Fall 2021 Fulbright Teaching Excellence and Achievement (Fulbright TEA) Program 21st Century Classroom Media Cohort</td>
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<td>Jennie Koch, Transfer Center</td>
<td>Additional 07/01/20 - 06/30/21</td>
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Jennie Koch, Transfer Center
Subaward Cuyahoga Community College /Ohio Department of Education
Tech Prep FY22 Funding

Yuko Kurahashi, Theatre and Dance
Subaward Arts Midwest /National Endowment for the Arts
A Lecture, Conversation, and Workshop by DeLanna Studi

David Mitchell, Tuscarawas Campus
Ohio Arts Council
Ohio Artist on Tour - Fee Support FY22

David Mitchell, Tuscarawas Campus
Ohio Arts Council
Tuscarawas Performing Arts Center Sustainability Grant FY22

Jennifer O’Connell, Sexual & Relationship Violence Support Services
Julius Payne, Sexual & Relationship Violence Support Services
Yvette Roberts, Sexual & Relationship Violence Support Services
Ohio Department of Higher Education
Cultivating Liberation of Diverse Students

Joseph Ortiz, Geology
Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration
Ohio Space Grant Consortium Campus Allotment AY 21/22

Daniel Palmer, Trumbull Campus
Kristenne Robison, Salem Campus
Community Foundation of the Mahoning Valley
Kent State University Pilot Prison Education Program

Victor Pavona, Stark Campus
Subaward Stark County Regional Planning Commission /U.S. Department of Housing and Urban Development
Kent State Stark Micro Enterprise Development Program FY22 funding

Patricia Robinson, Diversity, Equity and Inclusion
U.S. Department of Education
Kent State University Upward Bound Math-Science 2017-22

Continuation 09/01/21 - 08/31/22  $312,480

Continuation 09/01/21 - 08/31/22  $312,480

Kristenne Robison, Salem Campus
Zachary Mikrut, LaunchNET/University Libraries
Burton D. Morgan Foundation
Developing Entrepreneurship in Postsecondary Education for Justice-involved Learners

Continuation 06/16/21 - 06/30/24  $132,150
Sarah Rogers, Museum  
Ohio Arts Council  
Kent State University Museum/Operating Support FY22

Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies  
Martha Lash, Teaching, Learning and Curriculum Studies  
Subaward Ohio Department of Higher Education /U.S. Department of Education  
ODHE ASPIRE Workforce Readiness Education Program FY22

Julia Stoll, Teaching, Learning and Curriculum Studies  
Ohio Department of Education  
Early Childhood Education Grant, FY22

Dean Tondiglia, Police Department  
Ohio Department of Public Safety  
Use of an Explosives Detecting Canine  
Continuation 07/01/21 - 06/30/22 $8,000

Edward Trebets, Ashtabula Campus  
Subaward Missouri State University /National Science Foundation  
VESTA Resource Center

James Tudhope, Nursing  
Health Resources and Services Administration  
Advanced Nursing Education Nurse Practitioner Residency Integration Program  
Continuation 09/01/21 - 08/31/22 $399,780

H. Anderson Turner, Art  
Ohio Arts Council  
School of Art Gallery/Kent State University FY22

Sonya Williams, Community Outreach  
U.S. Department of Education  
Kent State University Educational Opportunity Center

Amanda Woodyard, Community Engaged Learning  
Eboni Pringle, University College  
PNC Foundation  
CommUNITY Lab at Kent State University

COMPARATIVE DATA

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