

**KENT STATE UNIVERSITY**  
**Research and Sponsored Programs**  
**Doug Delahanty, Interim Vice President for Research**

**EXTRAMURAL FUNDING REPORT**

**Funds awarded for**  
**October - December 2021**  
**\$4,212,764**

**Total funding to date**  
**FY2021 - 2022**  
**\$21,992,681**

**Research**

<p>Veronica Antocheviz Dexheimer Strickland, Physics  Subaward University of Illinois /National Science Foundation  <i>Frameworks: MUSES, Modular Unified Solver of the Equation of State</i></p>	<p>10/01/21 - 09/30/26</p>	<p>\$440,138</p>
<p>Karin Coifman, Psychology  Douglas Delahanty, Psychology  John Gunstad, Psychology  National Institute of Mental Health  <i>Unpacking Emotion Inflexibility and Prospective Prediction of Affective Disease</i></p>	<p>Continuation 01/01/22 - 12/31/22</p>	<p>\$390,247</p>
<p>Karin Coifman, Psychology  Douglas Delahanty, Psychology  John Gunstad, Psychology  National Institute of Mental Health  <i>Administrative Supplement: Unpacking Emotion Inflexibility and Prospective Prediction of Affective Disease</i></p>	<p>Continuation 01/01/22 - 12/31/22</p>	<p>\$92,756</p>
<p>Windy Cole, College of Podiatric Medicine  Abe Osbourne, College of Podiatric Medicine  Scott Spencer, College of Podiatric Medicine  Organogenesis Inc.  <i>A Prospective, Multicenter, Randomized, Controlled Clinical Study of Affinity versus Standard of Care (SOC) Alone in the Management of Venous Leg Ulcers (VLUs)</i></p>	<p>10/28/21 - 10/27/22</p>	<p>\$74,637</p>
<p>David Costello, Biological Sciences  World Business Council for Sustainable Development  <i>Tire road wear particles (TRWP) in stormwater at Kent State University</i></p>	<p>06/10/21 - 05/31/21</p>	<p>\$10,392</p>
<p>Qunxing Ding, East Liverpool  Haiyan Zhu, East Liverpool  Herbert W. Hoover Foundation  <i>Non-target analysis of Ohio River waters in response to major chemical plant building and operation</i></p>	<p>01/01/22 - 12/31/22</p>	<p>\$140,000</p>
<p>Pamela Ferguson, Research and Evaluation Bureau  Anthony Shreffler, Research and Evaluation Bureau  Center For Applied Drama And Autism  <i>Center for Applied Drama and Autism (CADA)</i></p>	<p>01/01/22 - 12/31/22</p>	<p>\$1,000</p>

Farid Fouad, East Liverpool Subaward Cleveland State University /National Institute of General Medical Sciences <i>Selenide-based electrocatalytic sensors for sensitive peroxynitrite detection in biological media: a bottom-up approach for functional interface design</i>		09/01/21 - 08/31/24	\$74,954
John Gunstad, Psychology National Institute on Aging <i>Spontaneous Speech and Health Disparities in Risk of Cognitive Decline: WHICAP Offspring Ancillary Study</i>		12/01/21 - 11/30/22	\$598,948
Jeffrey Hallam, Social and Behavioral Sciences Cleveland Clinic Foundation <i>Co-op Experience - Student Elena</i>	Continuation	08/16/21 - 08/15/22	\$25,800
Ruoming Jin, Computer Science Subcontract New Jersey Institute of Technology /Qualcomm Technologies, Inc. <i>Detecting Human Behaviors from Smartphones using Federated Machine Learning in the Wild</i>		09/01/21 - 06/14/22	\$10,000
William Kalkhoff, Sociology Joshua Pollock, Sociology FAAC Incorporated, DBA MILO-LVC <i>Evaluating the Comparative Effectiveness of the MILO Range Simulation Training System</i>		10/15/21 - 10/15/22	\$48,748
Deric Kenne, Health Policy Management Subcontract Early Childhood Resource Center /Sisters of Charity Foundation of Canton <i>2021-2022 AY SPARK Contract Deliverables (2021 Cohort)</i>		07/01/21 - 06/30/22	\$85,800
Deric Kenne, Health Policy Management Subcontract Stark County Mental Health & Addiction Recovery /Substance Abuse and Mental Health Services Administration <i>Stark County System of Care Implementation</i>		09/30/21 - 09/29/22	\$21,508
Deric Kenne, Health Policy Management Subaward Portage County Mental Health & Recovery Board /Substance Abuse and Mental Health Services Administration <i>Portage MHAT Project</i>		09/30/21 - 09/29/22	\$117,575
Jungyoon Kim, Computer Science AIV <i>Abnormal Detection in Video Streaming Image Data for Surface inspection</i>		12/08/21 - 11/30/22	\$80,000
Lauren Kinsman-Costello, Biological Sciences David Costello, Biological Sciences Subaward The Ohio State University /National Oceanic and Atmospheric Administration <i>Sandusky Bay initiative monitoring &amp; data collection phase 4</i>		07/01/21 - 12/31/22	\$52,339
Mourad Krifa, Fashion Design and Merchandising Cotton Incorporated <i>Cotton and Social Media Literacy: Critical Thinking and Evidence-Based Information Discernment in the Undergraduate Classroom</i>		01/01/22 - 12/31/22	\$36,700
Mourad Krifa, Fashion Design and Merchandising Cotton Incorporated <i>Developing and Evaluating Analytic Tools for Improving Fiber Trait Distribution</i>	Continuation	01/01/22 - 12/31/22	\$50,000

Lori Lee, Ashtabula Campus Edward Trebets, Ashtabula Campus Ohio Grape Industries Committee <i>OGIC Enology Research Grant</i>		08/04/21 - 08/31/22	\$90,000
Jason Lorenzon, College of Aeronautics and Engineering Syed Arbab Mohd Shihab, College of Aeronautics and Engineering Subcontract Cal Analytics, LLC /Ohio Department of Transportation <i>Open Framework Standards for Combined Aircraft Sensor Network for the State of Ohio to Detect and Track Lower Altitude Aircraft</i>		09/08/21 - 09/07/22	\$78,834
Angela Neal-Barnett, Psychology Anthem Blue Cross and Blue Shield Foundation, LLC <i>The Spirit of Motherhood</i>		01/01/22 - 12/31/22	\$100,000
Angela Ridgel, Health Sciences Subaward Northwestern University /National Institute of Neurological Disorders and Stroke <i>Study in Parkinson Disease of Exercise Phase 3 Clinical Trial: SPARX3</i>		08/01/20 - 07/31/22	\$224,956
Mary Beth Spitznagel, Psychology Zoetis LLC <i>Caregiver Burden and Treatment Complexity in Owners of Seriously Ill Pets</i>		01/01/22 - 12/31/23	\$25,000
He Yin, Geography National Aeronautics and Space Administration <i>The effects of the Syrian civil war on cropland in the eastern Mediterranean region</i>	Additional	04/21/21 - 04/20/24	\$6,098
Hiroshi Yokoyama, Advanced Materials Liquid Crystal Institute/Physics National Aeronautics and Space Administration <i>Structure and Dynamics of Monodisperse Liquid Crystal Domains created on Suspended, Molecularly-Thin Smectic Films using Sub-Femtoliter Inkjet Technology</i>	Continuation	12/30/16 - 12/29/22	\$40,000
<b>Instruction</b>			
Salma Benhaida, Office of Global Education Subaward International Research and Exchanges Board /U.S. Department of State <i>Global Undergraduate Exchange Program in Pakistan - Spring 2022 students</i>	Continuation	01/01/22 - 05/31/22	\$26,048
Joseph Ortiz, Geology Subaward Ohio Space Grant Consortium /National Aeronautics and Space Administration <i>Ohio Space Grant Consortium Internship for Spring, 2022 - Rohrbaugh</i>	Continuation	01/18/22 - 05/11/22	\$15,300
Frank Sansosti, Lifespan Development and Educational Sciences Ohio Department of Education <i>School Psychology Internship Coordination and Recruitment Kent State University School Psychology Program (FY 22)</i>		07/01/21 - 06/30/22	\$10,000
James Tudhope, Nursing Ohio Mental Health and Addiction Services <i>Kent State University Advanced Practice Psychiatric Mental Health Nursing FY22</i>		07/01/21 - 06/30/22	\$15,000

## Other Sponsored Activity

N.J. Akbar, Diversity, Equity and Inclusion Andrew Barnes, Political Science Gina Campana, Diversity, Equity and Inclusion Amoaba Gooden, Diversity, Equity and Inclusion Gumiko Monobe, Teaching, Learning and Curriculum Studies Martha Holden Jennings Foundation <i>Racial Equity for Teachers Institute</i>	10/01/21 - 09/30/22	\$13,635
Sonia Alemagno, College of Public Health Daniel Palmer, Trumbull Campus HealthPath Foundation of Ohio <i>Expanding the Impact of Community Health Workers to the Mahoning Valley</i>	12/01/21 - 11/30/24	\$261,000
Christina Bloebaum, College of Aeronautics and Engineering Ohio Department of Higher Education <i>Regionally Aligned Priorities in Delivering Skills (RAPIDS 5) at Kent State University</i>	10/01/21 - 09/30/23	\$133,166
Joanne Caniglia, Teaching, Learning and Curriculum Studies Portage Foundation <i>Creating Meaningful Mathematics Materials for Families</i>	10/01/21 - 09/30/22	\$2,500
Stephanie Fussell, College of Aeronautics and Engineering Subaward Embry-Riddle Aeronautical University /Federal Aviation Administration <i>Human Factors Training for FAA Aviation Safety Specialists within Aircraft Certification and Flight Standards - HF018</i>	10/01/21 - 09/30/22	\$7,904
Enrico Gandolfi, Education, Health, & Human Services Rick Ferdig, Lifespan Development and Educational Sciences Annette Kratoski, Education, Health, & Human Services Subaward Terra State Community College /U.S. Department of Education <i>CARES: Subgrants for Partners Increasing the Number of Students Earning Industry-Recognized Credentials</i>	03/30/21 - 06/30/22	\$45,000
Amanda Johnson, Center for International and Intercultural Education Martin Jencius, Lifespan Development and Educational Sciences Subaward International Research & Exchanges Board (IREX)U.S. Department of State <i>Kent State University Fulbright Teaching Excellence and Achievement: Media Literacy, January 2022</i>	12/07/21 - 06/01/22	\$274,961
Zachary Mikrut, LaunchNET/University Libraries Tabitha Messmore, LaunchNet Burton D. Morgan Foundation <i>Microgrants</i>	01/01/22 - 12/31/22	\$20,000
Liz Piatt, University College Melanie Jones, University College Academic Diversity Success KeyBank Foundation <i>Key Connections 2.0 at Kent State University</i>	07/01/22 - 06/30/26	\$200,000
Marty Ropog, Ohio Literacy Resource Center/Teaching, Learning and Curriculum Studies Martha Lash, Teaching, Learning and Curriculum Studies Dominion East Ohio Foundation <i>Kent State University's GED Program: Bridging the Path to Higher Education 2021-2022</i>	12/14/21 - 10/13/22	\$7,500

Lester Sanders, Stark Campus Gessner Family Foundation <i>Rising Scholars at KSU Stark</i>	09/08/21 - 09/07/22	\$20,000
Stephen Schillig, Tuscarawas Campus Ohio Development Services Agency <i>Tuscarawas SBDC FY22 - State Funding</i>	10/01/21 - 09/30/22	\$88,971
Julie Senita, Ashtabula Campus The Ashtabula Foundation <i>Kent State University at Ashtabula Campus Health Sciences Equipment Upgrade</i>	01/01/22 - 12/31/22	\$142,850
Sonya Williams, Community Outreach Apple Growth Partners Community Outreach Charitable Giving Fund <i>Firestone High School/ KSU University, Outreach and Engagement Financial Literacy Initiative</i>	01/01/21 - 08/31/22	\$2,500
Amanda Woodyard, Community Engaged Learning Craig Berger, Community Engaged Learning United Way of Portage County <i>Kent State CommUNITY Lab</i>	07/01/21 - 06/30/24	\$10,000

## COMPARATIVE DATA

Fiscal Year to Date	FY 2020 - 2021	FY 2021 - 2022
<b>Total Funding</b>	<b>\$ 20,294,477</b>	<b>\$ 21,992,681</b>
<b>Research</b>	<b>\$ 13,382,330</b>	<b>\$ 12,572,373</b>
<b>Instruction</b>	<b>\$ 2,455,480</b>	<b>\$ 2,357,050</b>
<b>Other Activity</b>	<b>\$ 4,456,667</b>	<b>\$ 7,063,258</b>