



Research and Sponsored Programs
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Date: February 12, 2025

To: Daniel Palmer

From: Marianne Shreck

RE: February 2025 Board of Trustees Report

Research and Sponsored Programs has been asked to provide a statement for the minutes of the February 2025 Board of Trustees meeting to accompany our report of “Grants and Contracts Awarded.” Please use the following text, and edit as necessary to fit the space available:

Wright State University has recorded 176 awards totaling \$43,937,327 in external funding for the time period of July 1, 2024 – January 31, 2025.

Recent funding received by the University includes \$72,000 from Universal Energy Systems Inc/Air Force Research Lab to Dr. Rachel Aga, Chemistry – College of Science and Mathematics for “Analysis of Semi-Volatile Organic Compounds in Drinking Water Using a New Vacuum Extraction Technique from Entech Instruments”. The purpose of this project is to develop a standard method to identify and quantify semi-volatile organic compounds present in drinking water.

If you have any questions, please contact me at ext. 2297.

Thank you,

Marianne Shreck

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

College / Dept / PI / Award	Award Title / Abstract	Sponsor	Grant ID	#	Total	Awarded On
College of Engineering and Computer Science (CECS)				42	2,281,068.00	
Biomed Indust & Human Factor Engr (BME55)				2	110,642.00	
Subhashini Ganapathy						
23-0306-A0001-2	Intel Semiconductor Education Program at Central State University (ISEP-CSU) WSU faculty will provide Training for courses related to computer hardware and semiconductor processing.	Central State University	671651		40,000.00	11/6/2024
Tarun Goswami						
25-0035-A0001-0	AI and medical standards applied to Eye Bank AI and medical standards, medical suitability of tissue, and potentially AI generated recommendations	Lions Eye Bank of West Central Ohio	671995		70,642.00	8/23/2024
College of Eng & Computer Sci Admin (CECS5)				2	105,000.00	
Darryl Keith Ahner						
24-0134-A0001-1	Homeland Security Test Engineering & Planning Research This effort focuses on test engineering and planning in the areas of Scientific Test and Analysis Techniques, Modeling and Simulation, Cyber Security and Resilience, Software (includes DevSecOps, agile, automated testing, T&E of cloud-based solutions), Artificial Intelligence and Autonomous Systems, Chemical Biological Radiological Nuclear and Explosives Detection and Interdiction with the initial effort on test engineering and planning for Artificial Intelligence and Autonomous Systems with the expansion to other areas as resourced.	Alion Science and Technology	671709		52,500.00	8/23/2024
24-0134-A0001-2	Homeland Security Test Engineering & Planning Research This effort focuses on test engineering and planning in the areas of Scientific Test and Analysis Techniques, Modeling and Simulation, Cyber Security and Resilience, Software (includes DevSecOps, agile, automated testing, T&E of cloud-based solutions), Artificial Intelligence and Autonomous Systems, Chemical Biological Radiological Nuclear and Explosives Detection and Interdiction with the initial effort on test engineering and planning for Artificial Intelligence and Autonomous Systems with the expansion to other areas as resourced.	Alion Science and Technology	671709		52,500.00	12/16/2024
Computer Science (CSC55)				14	890,417.00	
Fathi Hassan Mohamed Amsaad						
24-0084-A0001-0	Collaborative Research: REU Site: TRUST: Training Research for Undergraduate Students in Secure and Trusted Systems In this project, we aim to explore AI-driven solutions for bolstering secure microelectronics in a zero-trust cyber defense environment. Our goal is to enhance integrated circuit (IC) security, fostering trust while mitigating emerging threats within supply chains and untrusted hardware/software systems.	National Science Foundation	671996		165,991.00	8/26/2024
24-0170-A0001-0	Enhancing Cognitive Capabilities of Human Beings for Making Decisions Using Machine Learning-Based Features Fusion in Space Data The US Air Force must ensure reliable and rapid response to diverse situations, emphasizing high-quality vehicles for safety and efficient transport of heavy payloads. Managing space data challenges is crucial for effective mission execution and enhancing space situational awareness.	Strategic Ohio Council for Higher Education	671971		37,548.00	7/23/2024
24-0226-A0001-0	Development of CyberTraining course in AI Microelectronics Security The goal of this training is to equip participants with a comprehensive understanding of the challenges and strategies for embedded AI design and security.	Purdue University	671967		24,999.00	7/1/2024
Natasha Kholgade Banerjee						
25-0034-A0001-0	Workshops on Integrating Physiological and Multimodal Sensing with VR and Robotics	De Luca Foundation	671991		56,615.00	8/23/2024

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

The goal of the proposed work is to disseminate fundamental knowledge on integrating physiological sensing such as surface electromyography and heart rate monitoring with virtual reality (VR) and robotics to empower research groups across the world in rapid development of healthcare applications and measurement of human performance outcomes. The work supports establishment of workshops in key regions in Asia, Europe, and US and supports student researchers with limited resources to attend the US workshop held at the IEEE RO-MAN conference via travel grants.

Tanvi Banerjee

23-0168-A0001-1	Event Sequence Learning using Natural Language Processing Techniques	Strategic Ohio Council for Higher Education	671740	36,800.00	7/16/2024
Use of NLP for automated data summarization for real-time decision-making for air force.					

24-0168-A0001-0	AI Optimization of Learning Experience with a Wrist-worn Wearable: Building an Autonomous Manager	Strategic Ohio Council for Higher Education	671984	44,130.00	8/8/2024
The goal of our DAGSI proposal is to develop a sensor-based framework for the implementation of autonomous managers to improve engagement and learning in the context of complex tasks.					

25-0052-A0001-0	Using Reinforcement learning for EMS	Strategic Ohio Council for Higher Education	672047	17,907.00	12/9/2024
Using advanced machine learning techniques to analyze RF spectrum data					

Sanjib Banerjee

25-0011-A0001-0	AI-Driven Augmented Reality to Mitigate Musculoskeletal Injuries During Musical Training and Practice	De Luca Foundation	671987	131,000.00	8/13/2024
The research will provide intuitive interfaces using pass-through augmented reality (AR), enabling real-time correction of playing technique of musicians through visual overlays of expected form and insets with proper body posture, created using AI-driven 3D hand and body pose synthesis with ground truth data labeled in publicly available overhead and third-person viewpoint camera recordings of expert pianists using 3D-2D hand annotation tools, enabling reduction of RSIs.					

Michael L. Raymer

24-0151-A0001-0	AI Analytics for Assessment of Warfighter Biomedical Readiness	JAG Consulting LLC	671989	98,000.00	7/31/2024
Development of artificial intelligence methods and models to assist in the assessment of warfighter biomedical readiness.					

25-0037-A0001-0	Development and Validation of Screening for Phoenix-Defined Pediatric Sepsis in the Emergency Department Using Machine Learning: A Proof of Concept	Dayton Children's Hospital	672043	22,000.00	11/22/2024
We will apply artificial intelligence/machine learning methods to develop a tool to help clinicians identify sepsis in pediatric patients.					

Cogan Matthew Shimizu

23-0382-A0003-0	Proto-OKN Theme 3: An Education Gateway for the Proto-OKN	National Science Foundation	671786	194,987.00	8/22/2024
The team has expanded the scope of EduGate to include Proto-OKN level outreach, as well as the coordination and execution of the remaining annual meetings for the Proto-OKN program.					

24-0173-A0002-0	KGWRAPS: Knowledge Graph-poWered Research Assistant for Polymer Science	Strategic Ohio Council for Higher Education	672004	13,800.00	9/17/2024
This project will create a virtual research assistant, powered via knowledge graphs, to assist in the acceleration of science and research, as it pertains to polymer science.					

24-0175-A0001-1	TASK-MATS: Task Adaptation with Shared Knowledge for Multi-Agent Teaming Systems	Strategic Ohio Council for Higher Education	671973	26,680.00	7/25/2024
This project uses knowledge graphs to assist an AI planner accomplish novel tasks in digital manufacturing.					

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Awards from: 7/1/2024 - 1/31/2025

Junjie Zhang					
25-0027-A0001-0	An Advanced Digital Forensics Curriculum	Strategic Ohio Council for Higher Education	672012	19,960.00	9/30/2024
The proposed project aims to develop innovative cybersecurity labs with a focus on digital forensics.					
Electrical Engineering (EEG55)			7	213,156.00	
Joshua Noel Ash					
24-0178-A0002-0	Hyperspectral Anomaly Detection in Maritime Environments	Strategic Ohio Council for Higher Education	672006	36,540.00	9/17/2024
Due to the relatively flat and low reflectance of water, anomaly detection in maritime environments presents unique challenges for hyperspectral sensors. In particular, it is difficult to distinguish bright statistical anomalies, from items such as whitecaps and clouds, from meaningful anomalies of interest, such as ships. The objective of this research effort is to develop a hyperspectral anomaly-of-interest detection algorithm that combines physics-based radiative transfer models with recent deep learning architectures and probabilistic models in order to obtain robustness to unknown maritime atmospheric conditions and reject uninteresting anomalies, such as whitecaps and clouds.					
Brian D. Rigling					
23-0386-A0001-4	Dynamic, Multi-Objective Beamforming Optimization for Phased Arrays	Strategic Ohio Council for Higher Education	671364	17,480.00	7/5/2024
Beamforming is a commonly used signal processing technique. Many beamforming algorithms are impractical. We propose to research and develop solutions which will mitigate at least a subset of these shortcomings.					
Weisong Wang					
23-0134-A0002-0	Dielectrics integration in III-V and III-O based semiconductors	KBR	671687	31,067.00	9/19/2024
This research targets successful integration of AlScN-based dielectric in high-power GaN-based RF transistors.					
24-0147-A0001-0	Electronic-grade dielectric integration for high-power, high frequency electronic devices	Strategic Ohio Council for Higher Education	671969	44,129.00	7/22/2024
Ultra-wide band gap (UWB) power transistor research in RF and power switching is critical to reduce the form factor for communication and control electronics in air/space vehicles and missiles. With the introduction of ferroelectric material as a part of gate material in silicon transistors, the performance of such transistors is expected to be leveled up along with continuous size reduction. It's foreseeable the concept of negative capacitance will also benefit GaN based transistors. A study to synthesize high-k ferroelectric materials based on AlScN is proposed.					
24-0147-A0002-0	Electronic-grade dielectric integration for high-power, high frequency electronic devices	Strategic Ohio Council for Higher Education	671997	13,618.00	8/28/2024
Ultra-wide band gap (UWB) power transistor research in RF and power switching is critical to reduce the form factor for communication and control electronics in air/space vehicles and missiles. With the introduction of ferroelectric material as a part of gate material in silicon transistors, the performance of such transistors is expected to be leveled up along with continuous size reduction. It's foreseeable the concept of negative capacitance will also benefit GaN based transistors. A study to synthesize high-k ferroelectric materials based on AlScN is proposed.					
24-0237-A0001-0	Dielectric integration in UWBG power transistors for high temperature applications	Purdue University	671999	50,000.00	9/3/2024
The WSU researcher proposes to study gate dielectric integration with diffusion barrier metal stack that can resolve gate failure issue at high temperature. In high temperature, the performance of UWB transistors degrades significantly.					
Xiaodong Zhang					
24-0177-A0001-0	Analogical Reinforcement Learning for Adversarial Systems	Strategic Ohio Council for Higher Education	671949	20,322.00	7/2/2024
In this research, we will combine analogical reasoning algorithms with reinforcement learning (RL) to maximize success of RL in various environments. The proposed approach would allow AI systems to quickly learn new environment by leverage experience.					
Mechanical & Materials Engineering (MEG55)			17	961,853.00	

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Harok Bae					
23-0326-A0001-2	A machine learning framework for digital engineering of hypersonic vehicles with quantified prediction uncertainty	CFD Research Corporation	671870	42,960.00	10/23/2024
	Digital technology is reshaping engineering through AI-driven surrogate models that simulate complex systems faster. This topic explores using AI for developing advanced engineering systems and their digital twins, streamlining design and improvement processes.				
24-0028-A0001-3	High-Dimensional Design Study of Conceptual Hypersonic Vehicles Using Physics-Informed Machine Learning	Purdue University	671835	50,000.00	12/4/2024
	This project is to develop a concept design exploration methodology using machine learning techniques for hypersonic vehicles.				
Nathan W. Klingbeil					
23-0308-A0001-7	The Ohio LSAMP Alliance	The Ohio State University	669334	40,000.00	11/25/2024
	Funding will support the participation of underrepresented minority (URM) students in a variety of programs to increase student success, including summer bridge programs, peer mentoring, undergraduate research, supplemental instruction and undergraduate teaching opportunities.				
24-0164-A0002-0	Characterization of Microstructure and Damage of High Temperature Ceramic Matrix Composites for Aerospace Applications	Strategic Ohio Council for Higher Education	672005	1,840.00	9/17/2024
	This proposal seeks to investigate the relationship between microstructure and high temperature damage evolution in ceramic matrix composites for aerospace applications.				
Akm Ahsan Mian					
23-0164-A0002-0	Spot Radiation Shielding of Space Electronics using Aerosol Jet Printed Nanocomposites	Strategic Ohio Council for Higher Education	672061	3,680.00	1/14/2025
	This study is to formulate different ink materials for printed electronics, find optimum formulations for different printing methods, and identify applications. Additional funding for PhD student to present research at Spring 2025 conference.				
23-0311-A0001-2	OASIS: Ohio-Southwest Alliance on Semiconductors and Integrated Scalable-Manufacturing	University of Cincinnati	671656	210,000.00	11/19/2024
	Work on developing research related to the Intel RFP call - Manufacturing Operations and Industrial Systems (MOIS) relevant to Semiconductor Industry.				
25-0144-A0001-0	Performance of High Temperature Semiconductor Devices	KBR	672055	19,985.00	1/2/2025
	This study is for the maturation of high temperature electronics.				
Anthony N. Palazotto					
23-0285-A0002-1	Comparison of IN 718 AM and Traditional Buk Specimens Under High Energy Impact With an Additional Study of 3D Lattice AM Specimens	Air Force Office of Scientific Research	671783	108,104.00	10/23/2024
	The researchers will study additively manufactured superalloy materials under high-speed impact conditions.				
23-0285-A0003-0	Comparison of IN 718 AM and Traditional Buk Specimens Under High Energy Impact With an Additional Study of 3D Lattice AM Specimens	Air Force Office of Scientific Research	671783	139,965.00	9/11/2024
	We will study additively manufactured superalloy materials under high-speed impact conditions. The effort will include both experiments and computer simulations. This research has applications in aerospace.				
J. Mitch Wolff					
23-0016-A0002-1	An Experimental Investigation into the Effect of Inlet Swirl on the Compression System of a Jet Engine	Strategic Ohio Council for Higher Education	671579	14,532.00	9/17/2024
	The researchers will explain the need for a study into the effects of swirl and how they plan to study these effects.				
23-0181-A0001-1	Combustion Cold Starting for a Mini Gas Turbine at Altitude	Strategic Ohio Council for Higher Education	671771	46,000.00	9/5/2024

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		CFD simulations of combustion has made considerable progress and will be utilized to understand the flow physics. Knowledge gained will be incorporated into the experimental tests accomplished at AFRL.			
23-0182-A0001-1	Machine Learning Enhancement of a Viscous Approximation Method for Supersonic-Hypersonic Flow	Strategic Ohio Council for Higher Education	671766	40,860.00	10/4/2024
	This research would benefit efforts to develop hypersonic vehicles while enabling higher fidelity heat transfer predictions earlier. Having higher fidelity predictions would allow for more effective design optimization before RANS CFD.				
25-0051-A0001-0	OSGC campus allocation funds FY 25	Ohio Space Grant Consortium	672002	18,000.00	9/26/2024
	OSGC funds to be used by the OSGC campus representative to support OSGC supported activities on campus and/or with WSU students.				
25-0061-A0001-0	APOP 24-25	Innovative Scientific Solutions Inc.	672003	14,000.00	9/13/2024
	The PI and students will demonstrate variable nozzle mechanisms on a small ~20 lbf thrust turbine engine.				
25-0113-A0001-0	Design and Fabrication of a Hybrid Unmanned Air Vehicle	P.C. Krause and Associates	672020	3,000.00	10/14/2024
	WSU students will Design and Fabricate a Hybrid Unmanned Air Vehicle				
25-0149-A0001-0	OSGC NASA/ODHE awards FY25	Ohio Space Grant Consortium	672054	10,500.00	1/22/2025
	OSGC funding for the NASA/ODHE awards for the 2024/2025 school year.				
Henry D. Young					
24-0148-A0001-0	COLLABORATIVE RET Site – Teacher POWER (Preparing Our Workforce through Electronics and Research)	National Science Foundation	671981	198,427.00	8/7/2024
	Bringing in local K-12 teachers for a summer research experience in electronics, relevant to CHIPS act activities.				
College of Health, Education, and Human Services (CHEH)				23	6,781,348.00
Coll of Health Ed & Human Serv Adm (CHEHA)				1	5,741,043.00
James Christopher Denniston					
24-0284-A0002-0	Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement FY 25	Dayton Regional STEM School	668340	5,741,043.00	7/1/2024
	These funds will support salaries and fringe benefits of STEM school personnel who are paid through WSU.				
School of Professional Psychology (SOPPA)				17	723,169.00
Jeremiah Allen Schumm					
24-0245-A0001-0	Disseminating Evidence-Based Family Treatment for Substance Use Disorders	OneOhio Recovery Foundation, Inc	672037	54,212.00	11/1/2024
	The proposal would provide funding for training substance use disorder treatment providers with training and consultation in delivering evidence-based family treatment for substance use disorders.				
24-0275-A0001-0	SOPP Practicum: Cordell Associates FY 2025	Cordell Associates, LLC	671959	18,000.00	7/10/2024
	The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 3 doctoral student(s).				
24-0276-A0001-0	SOPP Practicum: Self Matters FY 2025	Self Matters LLC	671961	9,000.00	7/10/2024
	The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 3 doctoral student(s).				
24-0277-A0001-0	SOPP Practicum: Empower FY 2025	Empower Psychology + Wellness	671958	24,000.00	7/10/2024

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

		The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 8 doctoral student(s).			
24-0278-A0001-0	SOPP Practicum: Lindner Center for HOPE FY 2025	Lindner Center for HOPE	671956	17,680.00	7/10/2024
	The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 1 doctoral student(s).				
24-0279-A0001-0	SOPP Practicum: Michelle Schultz PsyD LLC FY 2025	Michelle Schultz PsyD LLC	671960	4,500.00	7/9/2024
	The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 2 doctoral student(s).				
24-0288-A0001-0	SOPP Practicum: South Community FY 2025	South Community Mental Health Center	671953	8,000.00	7/9/2024
	The sponsor will provide direct and indirect client services training for 2 doctoral students.				
24-0290-A0001-0	SOPP Practicum: University of Dayton FY 2025	University of Dayton	671954	12,400.00	7/10/2024
	The sponsor will provide direct and indirect client services training for 2 doctoral students.				
24-0290-A0002-0	SOPP Practicum: University of Dayton FY 2025	University of Dayton	671955	6,200.00	7/10/2024
	The sponsor will provide direct and indirect client services training for 1 doctoral student.				
25-0007-A0001-0	SOPP Practicum: TCN Behavioral Health FY 2025	TCN Behavioral Health Services Inc	671963	10,000.00	7/11/2024
	This sponsor will provide direct client services training for two doctoral students.				
25-0008-A0001-0	SOPP Practicum: Summit Behavioral Healthcare FY 2025	Summit Behavioral Healthcare	671964	13,500.00	7/11/2024
	The sponsor will provide direct client services training for three SOPP practicum students.				
25-0012-A0001-0	SOPP Practicum: Hearthstone FY 2025	Hearthstone Psychology	671962	3,750.00	7/11/2024
	The Facility will provide supervision for 3 doctoral students.				
25-0014-A0001-0	SOPP Practicum: Mercy Health FY 2025	Mercy Health Physicians LLC	671965	5,500.00	7/17/2024
	The facility will provide supervision for 1 doctoral student.				
25-0030-A0001-0	SOPP Practicum: Eastway FY 2025	Eastway Behavioral Healthcare	671978	11,000.00	7/31/2024
	The Facility will provide supervision, direct and indirect client services consistent with Wright State's training policies for 2 doctoral students.				
25-0044-A0001-0	SOPP Practicum: Trinity Community FY 2025	Trinity Community of Beavercreek	671986	6,000.00	8/12/2024
	This placement will provide supervision, direct and indirect client services consistent with Wright State's training policies for 1 doctoral student.				
25-0158-A0001-0	SOPP Practicum: Dayton Municipal Court FY 2025	Dayton Municipal Court	672060	5,500.00	1/14/2025
	This placement will provide supervision, direct and indirect client services consistent with Wright State's training policies for 1 doctoral student.				
Janeece Warfield					
23-0095-A0003-0	Promise Zone	Omega Community Development Corporation	672066	513,927.00	1/31/2025
	This proposal would expand Moms2B program to the Hope Zone Dayton Promise Neighborhood.				
Social Work (SOW55)			3	211,555.00	

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Awards from: 7/1/2024 - 1/31/2025

James Russell Carter					
25-0122-A0001-0	Suicide Prevention Curriculum	Ohio Department of Higher Education	672045	11,555.00	12/3/2024
This project will support the development of Suicide Prevention curriculum for Spring Semester 2025.					
Elizabeth Peffer Talbot					
25-0059-A0001-0	REEP FY25	Ohio Commission on Minority Health	672014	100,000.00	10/2/2024
The purpose of this project is to provide technical assistance evaluation support, and consultation to the Ohio Commission on Minority Health's demonstration Infant Mortality HUB project.					
25-0127-A0001-0	Infant Mortality Hub Evaluation Grant CY25	Ohio Commission on Minority Health	672056	100,000.00	1/8/2025
The Research and Evaluation Infant Mortality Enhancement Program evaluates minority health projects. Promotes health disparity research.					
Teacher Education (TED55)				2	105,581.00
Brian T. Boyd					
23-0372-A0002-0	IEducate Montgomery County 2023	University of Cincinnati		82,040.00	8/21/2024
The I Educate Montgomery County 2023 grant proposes an innovative partnership between institutions of higher education (IHEs) with a focus on Faculty Sponsors to support incoming BIPOC (Black, Indigenous, and People of Color) students obtaining a bachelor degree in teaching and PreK-12 positions.					
David Herick					
25-0070-A0001-0	Science of Reading Alignment Part 2	University of Cincinnati	672041	23,541.00	11/19/2024
This grant is to provide funding for multiple components of the Science of Reading Alignment Initiative (SORAI) updating all Wright State University Teacher Education Programs in alignment with the new state reading standards.					
Lake Campus (LAKE)				8	121,140.00
Lake Campus Business & Admin (LCD55)				3	45,278.00
Tamara Ann Eilerman					
24-0264-A0001-0	Gene Haas Foundation 2024 Application	Gene Haas Foundation		10,000.00	9/13/2024
Wright State University – Lake Campus has a Workforce Development and Business Enterprise Center (WDBEC) which offers non-credit training options for the local manufacturers. The SkillsTrac program, which trains maintenance personnel, offers an introduction to CNC as part of the program. There are currently eight individuals enrolled in the CNC course. The funding from this grant will be used to support students entering one of our CNC course options.					
Gretchen M. Rentz					
24-0143-A0002-0	Ohio Work Ready Grant - Lake Campus	Ohio Department of Higher Education	671867	20,278.00	10/24/2024
Financial aid to in-state students who have high financial need and are enrolled in a program that is in demand for critical jobs in Ohio.					
25-0178-A0001-0	Rise and Thrive Grant Phase II	PreventionFIRST!	672064	15,000.00	11/1/2024
The Rise & Thrive Grant Initiative aims to address student mental health by creating a comprehensive support system for students, fostering a culture of care, and ultimately increasing retention rates.					
Lake Campus Education & Human Svcs (LCE55)				2	9,990.00
Betsy Jo Crites					
25-0062-A0001-0	Educational Outreach- Cost of Poverty/LakerSpace	Mercer County Civic Foundation	672036	7,500.00	10/29/2024
Grant proposal for Cost of Poverty Simulation and Lake Space Teacher STEM Camp.					

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Mindy Sue Meininger Fulks					
25-0087-A0001-0	OMLA conference	Mercer County Civic Foundation	672038	2,490.00	10/22/2024
Our teachers must be able to meet the diverse needs of their students, communities, and families. Our schools, often the center of the community, are a critical support system for the achievement of all. Student access to dynamic keynote speakers and topics which address many of the challenges they will encounter: student engagement and motivation, blended learning, the Science of Reading, and more will be available during the conference.					
Lake Campus Liberal Arts (LCL55)			1	4,175.00	
Mark A. Ernst					
25-0082-A0001-0	Ohio Articulation & Transfer Network ITAG Initiative	Ohio Department of Higher Education	672011	4,175.00	9/27/2024
To further the work of the ITAG initiative, by providing leadership and expertise for the creation of ITAGs in the area of Criminal Justice/Law Enforcement.					
Lake Campus Science & Mathematics (LCM55)			2	61,697.00	
Stephen James Jacquemin					
23-0129-A0001-2	Water Quality Monitoring (Nutrients and Sediment) of Restored Grand Lake St Marys Wetlands	St. Marys Community Foundation	670536	41,697.00	12/9/2024
Through this project, the PI will assess the efficacy of two flow through wetland treatment train systems to reduce nutrient and sediment loads prior to discharge into waters of the state.					
24-0289-A0001-0	ODNR Equipment	Ohio Department of Natural Resources	671998	20,000.00	8/19/2024
This contract provides 50% of funding, \$20,000 of a \$40,000 total, for the purchase of a new piece of permanent lab equipment at the Wright State Jacquemin Lab to continue to process water samples from H2Ohio wetland project sites for the LEARN Wetland Monitoring Program.					
College of Liberal Arts (COLA)			2	21,751.00	
College of Liberal Arts Admin (COLA5)			1	18,000.00	
Pascale Agnes Abadie					
24-0234-A0001-0	Wright State in Normandy Internship and Exchange Program	Albertine Foundation	671951	18,000.00	7/8/2024
This grant would allow us to expand our current international internship collaboration, working with TESOL and Department of Education partners, and providing cultural and pedagogical training sessions for student interns.					
School of Fine and Performing Arts (FPA55)			1	3,751.00	
Rebecca Foley					
25-0049-A0001-0	OAC ArtStart 2024	Ohio Arts Council	671988	3,751.00	8/14/2024
Supports the 2024-2025 season of exhibitions, panel discussions, and artist talks at the Robert and Elaine Stein Galleries.					
Boonshoft School of Medicine (SOMD)			62	8,423,409.00	
Biochemistry/Molecular Biology-SOM (BYM55)			2	657,270.00	
Madhavi P. Kadakia					
23-0169-A0001-1	Role of DeltaNp63 alpha and TIP60 in SCC progression and chemoresistance	National Institutes of Health	671860	651,120.00	12/20/2024
This study aims to define the role ΔNp63α and TIP60 play in cancer progression and chemoresistance in squamous cell carcinoma, and to determine the therapeutic potential of targeting these proteins.					
Michael P. Markey					
25-0050-A0001-0	Pilot project: Early-life lead exposure ad biological aging	University of Cincinnati		6,150.00	11/18/2024

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		The investigators request funds to generate preliminary data necessary for future grant proposals investigating how a childhood history of lead exposure impacts combined bone and musculature health.			
Family Medicine (FPR55)			1	447,122.00	
Peter L Reynolds					
23-0117-A0001-2	Program Augmenting Resident Training for Needs in the Emotional Realm (PARTNER)	Health Resources and Services Administration/DHHS	671678	447,122.00	8/21/2024
		Train primary care residents in prevention, identification, diagnosis, treatment, and referral of services for mental and behavioral health conditions for the pediatric, adolescent, young adult.			
Medical Education - BSOM (ASM55)			1	20,583.00	
Chasity Beth O'Malley					
23-0107-A0002-1	Refinement and Expansion of the Community College Anatomy and Physiology Education Research (CAPER)	University of Minnesota	671627	20,583.00	8/12/2024
		The objective of Dr. O'Malley's portion of the work is to recruit participants and work with the mentorship program.			
Medicine (MED55)			1	230,757.00	
James F Lamb					
23-0257-A0001-1	Cardi-OH - Diabetes and Cardiovascular Health	Case Western Reserve University	671876	230,757.00	11/5/2024
		The researchers will work within the consortium to (1) improve clinician knowledge on evidence-based practices to treat diabetes in adults and adolescents, Focus on health equity, and address social determinants of health.			
NeuroSci Cell Bio Physiology-SOM (ANM55)			18	2,366,043.00	
Christopher Dupont					
23-0293-A0001-2	Treating Hyperkalemic Periodic Paralysis	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671596	45,077.00	8/7/2024
		The researchers will unveil the mechanism causing the attacks of muscle paralysis in hyperkalemic periodic paralysis with the goal of finding a treatment for the disease.			
Sherif M Elbasiouny					
23-0310-A0001-4	Motoneuronal Mechanisms Underlying Age-related Muscle Weakness	Ohio University	671372	279,791.00	7/5/2024
		This project aims to examine the motoneuronal mechanisms underlying muscle weakness during aging.			
23-0310-A0001-5	Motoneuronal Mechanisms Underlying Age-related Muscle Weakness	Ohio University	671372	16,788.00	8/6/2024
		This project aims to examine the motoneuronal mechanisms underlying muscle weakness during aging.			
23-0417-A0001-3	Cognitive and Physical Performance in Operational Environments (CaPPOE)	Ball Aerospace	671761	55,561.00	10/1/2024
		The overarching goal of this work is to develop and conduct physiological and behavioral assessments of various cognitive states to enable the development of personalized cognitive performance enhancements.			
24-0013-A0001-1	Excitability dysfunction mechanisms underlying the TDP43 -dependent ALS and FTD pathogenesis	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671815	633,851.00	8/8/2024
		This proposal examines the mechanisms of excitability dysfunction in a new animal model of ALS/FTLD			

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24-0110-A0001-2	3D Immunohistochemistry analysis to enhance the rigor of motoneuronal somatic reconstruction and potassium channel characterization We propose to expand and improve current immunohistochemistry analysis methods via development of advanced algorithms for reconstruction of motoneuron somatic morphology and characterization of potassium ion channel expression to better understand these structures' roles in ALS.	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671815	79,238.00	9/2/2024
24-0182-A0001-0	Examining the mechanistic interaction between K channels' dysfunction in rNLS8 mice We propose to utilize electrophysiology and develop a dynamic clamp protocol to examine the link between two motoneuron somatic potassium channel dysfunctions in rNLS8 mice.	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671815	45,726.00	8/12/2024
24-0182-A0001-1	Examining the mechanistic interaction between K channels' dysfunction in rNLS8 mice We propose to utilize electrophysiology and develop a dynamic clamp protocol to examine the link between two motoneuron somatic potassium channel dysfunctions in rNLS8 mice.	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671815	79,238.00	9/20/2024
25-0092-A0001-0	Unveiling ALS Biomarkers through Human Motor Unit Firing Dynamics: A Promising Pathway for Diagnosis The goal of this clinical study is to identify candidate biomarkers to diagnose ALS rapidly and at an earlier stage.	ALS United Ohio	672028	100,000.00	10/21/2024
Mark Monroe Rich					
23-0115-A0001-1	Neural mechanisms of age-related weakness The researchers will explore the possibility of developing a new treatment for weakness in the elderly.	Ohio University	671882	16,134.00	7/5/2024
23-0262-A0001-3	Novel Approaches to Therapy of Muscle Ion Channelopathies The researchers will identify novel electrical currents responsible for the muscle dysfunction in diseases of electrical signaling. If successful, our studies will result in the development of novel therapies for patients with a number different skeletal muscle diseases.	National Institute of Arthritis & Musculoskeletal & Skin Diseases/NIH/DHHS	670901	37,658.00	7/1/2024
Jennae Nicolle Shelby					
24-0066-A0001-3	Unfolding the Link Between the Endoplasmic Reticulum, AIS Shortening, and Cognitive Impairment in Type 2 Diabetes The researchers will investigate cellular mechanisms responsible to uncover potential therapeutic targets while training a future physician scientist.	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671388	53,774.00	8/8/2024
Matthew Scott Sherwood					
23-0144-A0002-1	Cognitive and Neurology Research 2 This study seeks to assess neuroinflammatory effects of hypergravity exposure (up to +9Gz) using advanced MRI applications.	KBR	671626	122,121.00	10/1/2024
23-0144-A0002-2	Cognitive and Neurology Research 2 This study seeks to assess neuroinflammatory effects of hypergravity exposure (up to +9Gz) using advanced MRI applications.	KBR	671626	140,000.00	12/18/2024
23-0339-A0001-1	MRI scanning in support of the cognitive neuroscience portfolio The researcher will perform 400+ MRI scans in support of AFRL Cognitive Neuroscience programs.	Universal Energy Systems Inc.	671847	100,000.00	7/1/2024
23-0339-A0001-2	MRI scanning in support of the cognitive neuroscience portfolio The researcher will perform 400+ MRI scans in support of AFRL Cognitive Neuroscience programs.	Universal Energy Systems Inc.	671847	49,719.00	10/14/2024

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Adaku C. Ume					
23-0292-A0001-2	The role of NFkB in calcineurin inhibitor-induced renal fibrosis	National Institute of Arthritis & Musculoskeletal & Skin Diseases/NIH/DHHS	671606	45,077.00	7/31/2024
Our project goal is to test the hypothesis that renal CnAα inhibition upregulates NFkB signaling which promotes irreversible renal damage.					
Clintoria Richards Williams					
23-0302-A0001-2	Mechanisms of the Renoprotective Properties of Zinc Supplementation in Mouse Models of Chronic Kidney Disease	National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS	671620	466,290.00	7/17/2024
Chronic kidney disease (CKD) affects ~26 million Americans (15%) and is a principal risk factor for cardiovascular events, including hypertension. The overall objective for this research proposal is to delineate the initiating and driving pathophysiological renal events.					
Pediatrics (PED55)			2	126,461.00	
Cynthia Judine Sieck					
24-0124-A0001-1	Developing Primary Care Algorithms for Early Identification of Young Women with von Willebrand Disease	Research Institute at Nationwide Children's Hospital	671837	14,209.00	12/17/2024
The researchers will develop a screening protocol for von Willebrand Disease among young women with heavy menstrual bleeding. The screening process will be implemented in primary care offices.					
25-0013-A0001-0	Randomized Clinical Trial of Nurse Family Partnership for Mothers with Previous Live Births	University of Colorado Anschutz Medical Campus	672048	112,252.00	11/25/2024
Nurse-Family Partnership (NFP) is an evidence-based intervention to improve health and life-course outcomes for first-time mothers and their children who suffer from the effects of poverty and structural inequality.					
Pharmacology & Toxicology-SOM (PCL55)			17	1,687,347.00	
Mae Alexandra Carpenter					
23-0160-A0001-0	Systemic travel of damaged DNA in photosensitive autoimmune disorders	National Institute of Environmental Health Sciences/NIH/DHHS	671982	102,399.00	7/26/2024
This study seeks to study the extent of travel of damaged DNA from the skin to other organs and how it impacts autoimmune disease.					
Elizabeth Elaine Cates					
23-0235-A0002-0	VA IPA - E. Cates	Veterans Affairs Medical Center	672030	13,700.00	12/19/2024
Ms. Cates will be responsible for overseeing the day to day activities of Dr. Traver's Research. She will be involved in subject recruitment, study visits, and all correspondence and follow up per protocol guidelines.					
Karen M. Henkels					
23-0239-A0001-9	VA IPA - K. Henkels	Veterans Affairs Medical Center	671549	16,317.00	12/10/2024
Jessica Seyoun Hong					
23-0238-A0001-5	VA IPA - J. Hong	Veterans Affairs Medical Center	671447	8,051.00	12/10/2024

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Christopher David Howard					
25-0153-A0001-0	VA IPA - C. Howard	Veterans Affairs Medical Center	672032	10,406.00	12/19/2024
Mr. Howard will be responsible for the conduct of the day-to-day activities of Dr. Travers' research. He will be involved in subject recruitment and eligibility, study visits, as well as all correspondence and follow-up per protocol guidelines.					
Michael Kemp					
24-0138-A0001-0	Analysis and function of damaged cell-free DNA	U.S-Israel Binational Science Foundation	672019	37,500.00	9/30/2024
This project will explore how DNA adducts induced by environmental carcinogens and anti-cancer drugs impact the function of cell-free DNA.					
Alycia Michelle Ketter					
23-0234-A0002-0	VA IPA - A. Ketter	Veterans Affairs Medical Center	672033	4,600.00	12/19/2024
The major duties and responsibilities of Ms. Ketter will be preparation of all recruitment materials, ensuring IRB approval is received prior to utilization, and active subject recruitment for research studies. Additionally, Ms. Ketter works to ensure all subjects enrolled are retained by making ongoing appointment reminder calls as required per protocol or ensures payment of any Screen Failed subjects that may not have qualified for participation.					
Christina B Knisely					
23-0219-A0004-0	VA IPA - C. Knisley	Veterans Affairs Medical Center	672031	5,469.00	12/19/2024
Ms. Knisely will manage regulatory documentation and support manager activities for Dr. Travers' clinical trials.					
Christine M. Rapp					
23-0241-A0002-0	VA IPA - C. Rapp	Veterans Affairs Medical Center	672034	14,063.00	12/19/2024
Ms. Rapp will be assisting in growing keratinocytes and measuring cytokines from cell and murine tissues.					
Stanley Dean Rider					
23-0218-A0001-5	VA IPA - S. Dean Rider	Veterans Affairs Medical Center	671742	17,962.00	12/19/2024
Dr. Rider's main duties include: maintaining keratinocyte cell cultures, perform in vitro experiments with keratinocytes and UV radiation, purify RNA and extract protein from skin biopsies, analyze changes in RNA and protein expression, perform bioinformatic analyses, order supplies, maintain laboratory equipment and lab organization, assist with manuscript preparation and present findings.					
Courtney Sulentic					
24-0065-A0001-0	Immunotoxicant Exposures and Individualized Immune Modulation via IgH Variants	Department of Defense	671972	643,558.00	7/29/2024
Assessing the toxic potential of chemicals in humans, particularly in relation to the immune system and the ability to defend against infections (immunotoxicity), is difficult and limited by the available testing tools. The aim of this proposal is to establish and validate a human in vitro model to predict immunotoxicants and sensitive populations to mitigate exposure and risk.					
Anita Thyagarajan					
23-0243-A0002-0	VA IPA - A. Thyagarajan	Veterans Affairs Medical Center	672035	17,405.00	12/19/2024
Dr. Thyagarajan will be involved in studies defining the roles of FAF-R in various COVID-19 spike proteins in pathologies such as inflammation and cancer. She will use various in-vitro cellular and molecular biology techniques, along with in-vivo mice models, which will help generate data for extramural funding, and to present her findings at different national and international conferences and for peer-reviewed publications.					
Jeffrey Bryant Travers					
23-0407-A0001-1	Laboratory Animal Resources Care	Veterans Affairs Medical Center	671850	9,000.00	9/12/2024

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	Dr. Travers will provide LAR services for the VA.				
23-0428-A0001-2	Wounding Therapy and Photocarcinogenesis	National Institute on Aging/NIH/DHHS	671660	449,417.00	8/20/2024
	This study will test the ability of wounding geriatric skin to protect from skin cancer.				
24-0007-A0001-1	Oxidized lipids and microvesicle particles as effectors for chemical threats to skin	National Institute of Arthritis & Musculoskeletal & Skin Diseases/NIH/DHHS	671793	262,500.00	7/3/2024
	This project applies well-established techniques and approaches to investigate the involvement of the lipid mediator Platelet-activating factor and microvesicle particles (MVP) release in chemical warfare-associated agents-induced deleterious effects.				
Yong-jie Xu					
23-0415-A0001-3	DNA Replication Checkpoint in Fission Yeast	National Institute of General Medical Sciences/NIH/DHHS	671485	37,500.00	7/22/2024
	This study is to understand the DNA replication checkpoint in fission yeast, a cell signaling pathway important for genomic stability in all eukaryotes and an anticancer barrier in humans.				
23-0415-A0001-4	DNA Replication Checkpoint in Fission Yeast	National Institute of General Medical Sciences/NIH/DHHS	671485	37,500.00	1/23/2025
	This study is to understand the DNA replication checkpoint in fission yeast, a cell signaling pathway important for genomic stability in all eukaryotes and an anticancer barrier in humans.				
Population and Public Health Sci (CMH55)				10	1,551,714.00
Jo Ann Ford					
23-0423-A0001-2	Minority AIDS Initiative (MAI) - High Risk Populations "Reachable, Teachable, and Inclusive" (RTI) project	Substance Abuse & Mental Health Services Administration	671641	482,092.00	7/16/2024
	The RTI project will increase engagement in care for African Americans in Montgomery County who are at risk for or are living with HIV/AIDS.				
Nicole Kinzeler					
23-0322-A0001-1	SAMHSA's Strategic Prevention Framework - Partnerships for Success	Substance Abuse & Mental Health Services Administration	671852	370,035.00	7/15/2024
	The Substance Abuse Resources and Disability Issues (SARDI) Program in the Boonshoft School of Medicine will partner with Central State University and Wilberforce University assess, plan, implement, and evaluate substance abuse prevention efforts with African American college students ages 18 to 25.				
23-0432-A0002-0	Evaluation Services for Montgomery County Juvenile Court	Montgomery County Juvenile Court	672039	29,925.00	10/31/2024
	Montgomery County Juvenile Court has received a Subsidy Grant to support their behavioral change programs. The SARDI Program in BSOM will provide evaluation services to support this grant project.				
24-0202-A0002-1	Program Evaluation - Zero Suicide Project	ADAMHS Board for Montgomery County	671891	80,000.00	9/30/2024
	SARDI will provide training, technical assistance, and evaluation support for Montgomery County ADAMHS' Zero Suicide Project.				
25-0017-A0001-0	Program Evaluation - Zero Suicide Project (Year 5)	ADAMHS Board for Montgomery County	672018	63,038.00	10/7/2024
	The Substance Abuse Resources & Disability Issues (SARDI) program in the Boonshoft School of Medicine at Wright State University will provide data collection and evaluation support for Montgomery County ADAMHS' Zero Suicide Initiative.				
25-0063-A0001-0	Program Evaluation - Mitigation of Trauma-Related Mental Health Conditions Experienced by Black Youth through Policy Reform (Year 3)	ADAMHS Board for Montgomery County	672063	60,871.00	1/28/2025
	The Substance Abuse Resources & Disability Issues (SARDI) program in the Boonshoft School of Medicine at Wright State University will provide evaluation support for the Montgomery County ADAMHS' PROTECT project, an initiative aimed at mitigating trauma experienced by black youth.				

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25-0130-A0001-0	Evaluation Services for Montgomery County Juvenile Court	Montgomery County Juvenile Court	672039	29,925.00	11/7/2024
The Substance Abuse Resources & Disability Issues (SARDI) program in the Boonshoft School of Medicine at Wright State University will provide evaluation and quality assurance services for multiple Montgomery County Juvenile Court programs.					
Marietta A. Orlowski					
24-0153-A0001-0	Dayton Street Medicine Project	OneOhio Recovery Foundation, Inc	672059	293,968.00	11/18/2024
The purpose of this project is to provide mobile services to address unmet medical and behavioral health needs of community members in select Dayton area neighborhoods identified as resource-poor and with unmet healthcare needs. The Dayton Street Medicine collaborative aims to bridge gaps in healthcare through a partnership model enhanced with interprofessional health profession students enrolled at Wright State University.					
Cynthia Judine Sieck					
24-0132-A0001-1	Ohio Medicaid Health Safety Net Evaluation	The Ohio State University	671914	141,860.00	7/22/2024
The main goals of the MHSN are to examine health care safety net capacities, safety net users' needs, and the mismatches between health care safety net service capacities and health care safety net needs.					
Sydney Meredith Silverstein					
24-0286-A0001-0	GROWing Dayton Strong	Public Health Dayton and Montgomery County			1/31/2025
This sub-contract supports research and evaluation for a cross-sector collaboration to reduce the impact of opioid and stimulant use in the city of Dayton through outreach, peer support, and quick response models.					
Psychiatry (PYC55)			5	160,500.00	
Julie Patrice Gentile					
24-0280-A0001-0	Coordinating Center of Excellence in MI/ID	Ohio Department of Mental Health and Addiction Services	671977	85,500.00	7/17/2024
The Wright State University Department of Psychiatry is the geographic location of the CCOE in Mental Illness/Intellectual Disability. The project has a three-part administrative paradigm. It offers educational trainings throughout the state of Ohio, it promotes the formation of Dual Diagnosis Intervention Teams, and it provides Second Opinion Psychiatric Assessments for all 88 counties.					
Larrilyn Louise Grant					
25-0039-A0001-0	Community General Psychiatry	Ohio Department of Mental Health and Addiction Services	672010	15,000.00	8/12/2024
This funding will continue the Professorship of Community Psychiatry partnership with the Ohio Department of Mental Health and Addiction Services to improve the quality of clinical services in the region and enhance the training programs in public sector psychiatry.					
Kari Sharyce Harper					
25-0038-A0001-0	Child/Adolescent Psychiatry Resident Training	Ohio Department of Mental Health and Addiction Services	672008	35,000.00	8/20/2024
This grant is requested for partial support of the salary of the Training Director for the residency in Child and Adolescent Psychiatry at Wright State University Boonshoft School of Medicine.					
Suzie K. Nelson					
25-0042-A0001-0	Adult General Psychiatry	Ohio Department of Mental Health and Addiction Services	672007	15,000.00	8/16/2024
This funding will continue the Professorship of Community Psychiatry partnership with the Ohio Department of Mental Health and Addiction Services to improve the quality of clinical services in the region and enhance the training programs in public sector psychiatry.					
Philip Richard Steiner					
25-0043-A0001-0	Rural General Psychiatry	Ohio Department of Mental Health and Addiction Services	672009	10,000.00	8/12/2024
This grant will continue to support WSU's aim of improving the quality of psychiatric services in rural areas of Ohio and increasing psychiatrists working within the public mental health sector.					

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Research Affairs-SOM (RAM55)				5	1,175,612.00
Jennifer Lynn Daniels					
23-0437-A0002-0	CTRA LibrexiaAF CTRA Librexia_AF	Janssen Research and Development, LLC	671828	177,576.00	11/19/2024
25-0060-A0001-0	CTRA study Artemis CTRA study Artemis	Duke University	672065	319,623.00	8/16/2024
25-0129-A0001-0	CTRA study TG Therapeutics CTRA study TG Therapeutics	TG Therapeutics, Inc.	672051	542,453.00	9/24/2024
25-0132-A0001-0	CTRA study Outcome Sciences, LLC CTRA study Outcome Sciences, LLC	Outcome Sciences, LLC	672050	42,841.00	10/17/2024
Bradley S. Jacobs					
25-0058-A0001-0	CTRA Study - Remedy2 CTRA Study - Remedy2	DiaMedica Therapeutics Inc	672062	93,119.00	8/23/2024
College of Science and Mathematics (COSM)				11	630,835.00
Biological Sciences (BIO55)				2	23,796.00
Volker Bahn					
25-0135-A0001-0	Acoustic Monitoring for Wetland Birds in the Great Lakes Region We research the use of automated recording units for collecting information on secretive marsh birds.	Winous Point Marsh Conservancy	672057	12,240.00	1/6/2025
Megan Arlene Rua					
23-0245-A0002-2	The Tree Microbiome Project: At the Root of Climate Proofing Forests	New Zealand Forest Research Institute Limited, trading as Scion	671355	11,556.00	9/30/2024
Chemistry (CHM55)				1	74,972.00
Rachel Sibug Aga					
25-0111-A0001-0	Analysis of semi-volatile organic compounds in drinking water using a new vacuum extraction technique from Entech Instruments The project involves developing a standard method to identify and quantify semi-volatile organic compounds present in drinking water.	Universal Energy Systems Inc.	672053	74,972.00	12/11/2024
Physics (PHY55)				4	309,615.00
Jane L. Fox					
23-0045-A0001-4	Mars Atmosphere and Volatile Evolution (MAVEN) Mission for 3 year Phase E Extended Mission 5 (EM5) and an additional 3 year Phase E Option (EM6)	Univ of Colorado	668674	29,854.00	9/4/2024

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The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.					
23-0045-A0001-5	Mars Atmosphere and Volatile Evolution (MAVEN) Mission for 3 year Phase E Extended Mission 5 (EM5) and an additional 3 year Phase E Option (EM6)	Univ of Colorado	668674	32,138.00	10/30/2024
The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.					
23-0045-A0001-6	Mars Atmosphere and Volatile Evolution (MAVEN) Mission for 3 year Phase E Extended Mission 5 (EM5) and an additional 3 year Phase E Option (EM6)	Univ of Colorado	668674	46,296.00	10/30/2024
The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.					
Ivan Medvedev					
23-0435-A0002-0	Microfabrication and Characterization of 100-GHz Schottky Rectifiers	Terapico, LLC	672042	201,327.00	11/21/2024
In this two-year STTR Phase-II project, the primary objective in Year I will be to develop a new type of zero-bias semiconducting rectifier device for the millimeter-wave (MMW) region between approximately 75 and 300 GHz. The primary objective in Year II will be to fabricate, package, and characterize 2D arrays of the new rectifier devices.					
Psychology (PSY55)				4	222,452.00
Valerie L. Shalin					
24-0183-A0001-0	Conversation Analytics for Team Communication	Strategic Ohio Council for Higher Education	671970	52,260.00	7/22/2024
We propose integrating traditional linguistic methods with computational methods from information theory to develop novel metrics for measuring and assessing team communication behavior.					
24-0183-A0002-0	Conversation Analytics for Team Communication	Strategic Ohio Council for Higher Education	671985	15,653.00	7/22/2024
We propose integrating traditional linguistic methods with computational methods from information theory to develop novel metrics for measuring and assessing team communication behavior.					
Scott N J Watamaniuk					
23-0124-A0001-1	Cortical and brainstem contributions to binocular eye movements	Smith-Kettlewell Eye Research Institute	671791	122,414.00	7/18/2024
This study explores the coordination of binocular eye movements made to objects at different distances from the observer when either both eyes are viewing or one eye is covered.					
23-0124-A0002-0	Cortical and brainstem contributions to binocular eye movements	Smith-Kettlewell Eye Research Institute	671980	32,125.00	8/2/2024
This project investigates how the two eyes' movements are controlled and coordinated by the brain. The project tests an alternative model to the generally accepted model established in 1868, and proposes that there are independent controllers for each eye in addition to a yoked control module.					
Chief Operating Officer (COO5)				6	4,171,930.00
Chief Operating Officer (COO55)				5	4,153,216.00
Jason Robert Anderson					
24-0262-A0001-0	Wright State University Center for civics, culture, and workforce development	Ohio Department of Higher Education		4,000,000.00	12/10/2024
The center shall conduct teaching and research in the historical ideas, traditions, and texts that have shaped the American constitutional order and society and the United States armed forces.					
Gregory Paul Sample					
24-0285-A0001-0	Satellite laboratory	Azimuth Corporation	671948	45,135.00	7/1/2024

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	This statement of work covers the installation of an AFRL/RXE satellite laboratory at Wright State University. This includes but is not limited to necessary modifications of the lab space, to accept movement, installation, and recalibration of equipment from the RX complex at Wright Patterson Air Force Base to Wright State University.				
24-0285-A0002-0	Satellite laboratory	Azimuth Corporation	671948	8,081.00	9/16/2024
	This statement of work covers the installation of an AFRL/RXE satellite laboratory at Wright State University. This includes but is not limited to necessary modifications of the lab space, to accept movement, installation, and recalibration of equipment from the RX complex at Wright Patterson Air Force Base to Wright State University.				
24-0285-A0003-0	Satellite laboratory	Azimuth Corporation	671948	100,000.00	11/22/2024
	This statement of work covers the installation of an AFRL/RXE satellite laboratory at Wright State University. This includes but is not limited to necessary modifications of the lab space, to accept movement, installation, and recalibration of equipment from the RX complex at Wright Patterson Air Force Base to Wright State University.				
25-0056-A0001-0	AFRL BPA for Lab Supplies	Air Force Research Laboratory	672000	0.00	8/22/2024
	WSU will provide supplies and consumables for the AFRL/RXE satellite laboratory.				
Veterans Affairs (VMC55)			1	18,714.00	
Seth Elliot Gordon					
24-0054-A0001-0	Dialogues on the Experience of War	Sinclair Community College	672022	18,714.00	10/17/2024
	Dialogues on the Experiences of War: Images Past and Present: This project will create and support three discussion groups of student-veterans, veterans, military family members, and others with military ties at Sinclair College, Wright State University, and the University of Dayton.				
Environmental Health & Safety (ENHS)			2	65,963.00	
Environmental Health & Safety (ENHS5)			2	65,963.00	
Marjorie Marie Markopoulos					
24-0196-A0001-0	PWS Grant for Asset Management and Source Water Protection	Ohio Environmental Protection Agency	672016	15,000.00	10/7/2024
	This grant will assist Wright State to complete, update, and implement an Asset Management Program for its Public Drinking Water Plant and to help protect source water for Wright State's public water system through implementation of specific and measurable protection strategies.				
24-0196-A0002-0	PWS Grant for Asset Management and Source Water Protection	Ohio Environmental Protection Agency	672017	50,963.00	10/7/2024
	This grant will assist Wright State to complete, update, and implement an Asset Management Program for its Public Drinking Water Plant and to help protect source water for Wright State's public water system through implementation of specific and measurable protection strategies.				
Intercollegiate Athletics (IAC5)			3	391,289.00	
Intercollegiate Athletics (IAC55)			3	391,289.00	
Joylynn Mary Brown					
24-0008-A0003-0	NCAA Academic Performance Funds	Horizon League	671175	160,435.00	7/3/2024
	The academic performance fund is distributed to conferences based on the academic performance of active and qualifying Division I institutions.				
25-0009-A0001-0	Men's Basketball Excellence Fund	Horizon League	671950	40,000.00	7/3/2024
	Wright State University received funds from the sponsor's men's basketball Excellence Fund to improve/enhance the University's men's basketball program.				
25-0020-A0001-0	Student Athlete Opportunity Funds 2024-2025	Horizon League	696778	190,854.00	7/16/2024
	The purpose of this award is to provide direct benefits to student athletes or their families as determined by conference offices.				
Physical Plant Administration (PPAM)			1	500,000.00	

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Physical Plant Administration (PPAM5)				1	500,000.00
Robert A Thompson					
25-0033-A0001-0	WSU: Archive Facility Upgrades	Ohio Office of Budget and Management	671990	500,000.00	8/19/2024
One Time Strategic Community Investments project pursuant to Sections 200.20 and 200.30 of Substitute House Bill 2 (H.B. 2) of the 135th General Assembly.					
Provost Non-Academic (PVN5)				8	1,363,701.00
Counseling & Wellness Svs Operating (CWS55)				2	20,000.00
Sara Elizabeth Baker					
25-0068-A0001-0	Campus Community Collaborative	Northeast Ohio Medical University	672046	5,000.00	12/6/2024
The grants support the development of suicide prevention, mental health promotion, and stigma reduction programs for campus faculty, staff, and students at Ohio's institutions of higher education. The recipients must demonstrate a collaborative relationship with one or more local community entities.					
25-0134-A0001-0	Ohio Wellness Campus Collaborative Grant	PreventionFIRST!	672058	15,000.00	1/8/2025
As an extension of the Mental Health First Aid training, we would use funds from the grant to train key student leaders in Mental Health First Aid. We would also use additional funds to partner with the Institute for Solution-Focused Therapy to educate Counseling and Wellness, psychiatry, and the school of professional psychology staff in the solution-focused therapy model.					
Provost (PRO55)				6	1,343,701.00
Bruce Martin Mackh					
24-0287-A0001-0	Ohio Articulation & Transfer Network FY 25	Ohio Department of Higher Education	668366	1,000,000.00	7/2/2024
These funds will be used to operate the Articulation and Transfer Network, a consortium appointed by the Chancellor at the Ohio Department of Higher Education.					
25-0022-A0001-0	Support for Position of Senior Associate Director, SCTAI, FY2025	Ohio Department of Higher Education	671974	82,046.00	7/29/2024
This project continues support for the Senior Associate Director SCTAI. (Ben Parrot).					
25-0023-A0001-0	Support for Position of Associate Director, SCTAI, FY2025	Ohio Department of Higher Education	671968	91,371.00	7/19/2024
This project continues support for the Associate Director SCTAI. (Brittany Kim).					
25-0024-A0001-0	Support for Position of Senior Associate Director, OYO FY 2025	Ohio Department of Higher Education	671976	95,256.00	7/29/2024
This project continues support for the Senior Associate Director, OYO (Lisa Holstrom).					
25-0025-A0001-0	Support for Position of Senior Director, SCTAI, FY2025	Ohio Department of Higher Education	671975	51,028.00	7/29/2024
This project continues support for the Senior Director SCTAI. (Nikki Wearly).					
25-0053-A0001-0	Industry Recognized Credential Transfer Assurance Guides "ITAGs" FY 25	Ohio Department of Higher Education	672001	24,000.00	9/9/2024
This project will provide support for Industry Recognized Credential Transfer Assurance Guides "ITAGs".					
Recruitment (RECR)				6	19,165,126.00
Financial Aid (FIA55)				6	19,165,126.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

Kimberly Ann Everhart					
24-0272-A0001-0	PELL 2024/2025 These funds support PELL grants for students.	U.S. Department of Education	671879	564,676.00	7/1/2024
24-0272-A0002-0	PELL 2024/2025 These funds support PELL grants for students.	U.S. Department of Education	671879	9,654,968.00	9/10/2024
24-0272-A0003-0	PELL 2024/2025 These funds support PELL grants for students.	U.S. Department of Education	671879	8,371,288.00	1/17/2025
25-0015-A0001-0	Ohio Governor's Merit Scholarship The Governor's Merit Scholarship awards merit-based aid to students who are determined to be in the top five percent of their public or chartered nonpublic high school graduating class who have decided to enroll in a qualifying Ohio institution of higher education.	Ohio Department of Higher Education	671966	510,000.00	7/10/2024
Bryan Maleik Martin					
25-0040-A0001-0	Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2024-2025 The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program is an opportunity for students pursuing a degree in Science, Technology, Engineering, and Mathematics (STEM) disciplines to receive a full scholarship and be gainfully employed by the Department of Defense (DoD) upon degree completion.	Logistics Management Institute	671979	42,344.00	8/16/2024
25-0146-A0001-0	Gear Up Scholarships AY 24/25 Funds will support scholarships for Wright State University students participating in the US Dept. of Education's GEAR UP program.	Ohio Department of Education	670276	21,850.00	12/5/2024
University Libraries (ULIB)				1	4,999.00
Special Collections and Archives (SCA55)				1	4,999.00
Toni Lee Vanden Bos					
25-0041-A0001-0	Conservation Treatment for Wright Brothers Collection Items The project will fund conservation treatment for three high profile, heavily used, and irreplaceable items in the Wright Brothers Collection housed in Special Collections and Archives: Milton Wright's Diary (1912), U.S. Army Signal Corps Articles of Agreement and Specifications (1908), and Callizo Photograph Album at Pau, France (1909).	State Library of Ohio	672021	4,999.00	10/16/2024
VP-Research and Innovation (VPRG)				1	14,768.00
Wright State Research Institute (WSRI5)				1	14,768.00
Sarah Napier					
24-0102-A0002-0	USAFSAM ATLS 23-24 Advanced Trauma Life Support® (ATLS) program teaches you a systematic, concise approach to the care of a trauma patient. Calamityville will support the delivery of this course.	Air Force Research Laboratory	671901	14,768.00	10/18/2024
Total				43,937,327.00	

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

College	#	Total
College of Engineering and Computer Science (CECS)	42	2,281,068.00
College of Health, Education, and Human Services (CHEH)	23	6,781,348.00
Lake Campus (LAKE)	8	121,140.00
College of Liberal Arts (COLA)	2	21,751.00
Boonshoft School of Medicine (SOMD)	62	8,423,409.00
College of Science and Mathematics (COSM)	11	630,835.00
Chief Operating Officer (COO5)	6	4,171,930.00
Environmental Health & Safety (ENHS)	2	65,963.00
Intercollegiate Athletics (IAC5)	3	391,289.00
Physical Plant Administration (PPAM)	1	500,000.00
Provost Non-Academic (PVN5)	8	1,363,701.00
Recruitment (RECR)	6	19,165,126.00
University Libraries (ULIB)	1	4,999.00
VP-Research and Innovation (VPRG)	1	14,768.00
Total	176	43,937,327.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

College / Dept	#	Total
College of Engineering and Computer Science (CECS)	42	2,281,068.00
Biomed Indust & Human Factor Engr (BME55)	2	110,642.00
College of Eng & Computer Sci Admin (CECS5)	2	105,000.00
Computer Science (CSC55)	14	890,417.00
Electrical Engineering (EEG55)	7	213,156.00
Mechanical & Materials Engineering (MEG55)	17	961,853.00
College of Health, Education, and Human Services (CHEH)	23	6,781,348.00
Coll of Health Ed & Human Serv Adm (CHEHA)	1	5,741,043.00
School of Professional Psychology (SOPPA)	17	723,169.00
Social Work (SOW55)	3	211,555.00
Teacher Education (TED55)	2	105,581.00
Lake Campus (LAKE)	8	121,140.00
Lake Campus Business & Admin (LCD55)	3	45,278.00
Lake Campus Education & Human Svcs (LCE55)	2	9,990.00
Lake Campus Liberal Arts (LCL55)	1	4,175.00
Lake Campus Science & Mathematics (LCM55)	2	61,697.00
College of Liberal Arts (COLA)	2	21,751.00
College of Liberal Arts Admin (COLA5)	1	18,000.00
School of Fine and Performing Arts (FPA55)	1	3,751.00
Boonshoft School of Medicine (SOMD)	62	8,423,409.00
Biochemistry/Molecular Biology-SOM (BYM55)	2	657,270.00
Family Medicine (FPR55)	1	447,122.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

Medical Education - BSOM (ASM55)	1	20,583.00
Medicine (MED55)	1	230,757.00
NeuroSci Cell Bio Physiology-SOM (ANM55)	18	2,366,043.00
Pediatrics (PED55)	2	126,461.00
Pharmacology & Toxicology-SOM (PCL55)	17	1,687,347.00
Population and Public Health Sci (CMH55)	10	1,551,714.00
Psychiatry (PYC55)	5	160,500.00
Research Affairs-SOM (RAM55)	5	1,175,612.00
College of Science and Mathematics (COSM)	11	630,835.00
Biological Sciences (BIO55)	2	23,796.00
Chemistry (CHM55)	1	74,972.00
Physics (PHY55)	4	309,615.00
Psychology (PSY55)	4	222,452.00
Chief Operating Officer (COO5)	6	4,171,930.00
Chief Operating Officer (COO55)	5	4,153,216.00
Veterans Affairs (VMC55)	1	18,714.00
Environmental Health & Safety (ENHS)	2	65,963.00
Environmental Health & Safety (ENHS5)	2	65,963.00
Intercollegiate Athletics (IAC5)	3	391,289.00
Intercollegiate Athletics (IAC55)	3	391,289.00
Physical Plant Administration (PPAM)	1	500,000.00
Physical Plant Administration (PPAM5)	1	500,000.00
Provost Non-Academic (PVN5)	8	1,363,701.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 1/31/2025

Counseling & Wellness Svs Operating (CWS55)	2	20,000.00
Provost (PRO55)	6	1,343,701.00
Recruitment (RECR)	6	19,165,126.00
Financial Aid (FIA55)	6	19,165,126.00
University Libraries (ULIB)	1	4,999.00
Special Collections and Archives (SCA55)	1	4,999.00
VP-Research and Innovation (VPRG)	1	14,768.00
Wright State Research Institute (WSRI5)	1	14,768.00
Total	176	43,937,327.00