



Research and Sponsored Programs
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Date: December 4, 2024

To: Daniel Palmer

From: Marianne Shreck

RE: December 2024 Board of Trustees Report

Research and Sponsored Programs has been asked to provide a statement for the minutes of the September 2024 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 142 awards totaling \$29,408,277 in external funding for the time period of July 1, 2024 – November 30, 2024.

Recent funding received by the University includes \$643,588 from the Department of Defense-Congressionally Directed Medical Research Programs (CDMRP) to Dr. Courtney Sulentic, Pharmacology & Toxicology – Boonshoft School of Medicine for “Immunotoxicant Exposures and Individualized Immune Modulation via IgH Variants”. The purpose of this grant is to establish and validate a human in vitro model to predict immunotoxicants and sensitive populations to mitigate exposure and risk.

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 - 11/30/2024

College / Dept / PI / Award	Award Title / Abstract	Sponsor	Grant ID	#	Total	Awarded On
College of Engineering and Computer Science (CECS)				36	2,126,496.00	
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)				1	52,500.00	
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
Computer Science (CSC55)				13	872,510.00	
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 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.	De Luca Foundation	671991		56,615.00	8/23/2024

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

Sanjib Banerjee						
25-0011-A0001-0	AI-Driven Augmented Reality to Mitigate Musculoskeletal Injuries During Musical Training and Practice 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.	De Luca Foundation	671987	131,000.00	8/13/2024	
Tanvi Banerjee						
23-0168-A0001-1	Event Sequence Learning using Natural Language Processing Techniques Use of NLP for automated data summarization for real-time decision-making for air force.	Strategic Ohio Council for Higher Education	671740	36,800.00	7/16/2024	
24-0168-A0001-0	AI Optimization of Learning Experience with a Wrist-worn Wearable: Building an Autonomous Manager 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.	Strategic Ohio Council for Higher Education	671984	44,130.00	8/8/2024	
Michael L. Raymer						
24-0151-A0001-0	AI Analytics for Assessment of Warfighter Biomedical Readiness Development of artificial intelligence methods and models to assist in the assessment of warfighter biomedical readiness.	JAG Consulting LLC	671989	98,000.00	7/31/2024	
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 We will apply artificial intelligence/machine learning methods to develop a tool to help clinicians identify sepsis in pediatric patients.	Dayton Children's Hospital	672043	22,000.00	11/22/2024	
Cogan Matthew Shimizu						
23-0382-A0003-0	Proto-OKN Theme 3: An Education Gateway for the Proto-OKN 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.	National Science Foundation	671786	194,987.00	8/22/2024	
24-0173-A0002-0	KGWRAPS: Knowledge Graph-poWered Research Assistant for Polymer Science 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.	Strategic Ohio Council for Higher Education	672004	13,800.00	9/17/2024	
24-0175-A0001-1	TASK-MATS: Task Adaptation with Shared Knowledge for Multi-Agent Teaming Systems This project uses knowledge graphs to assist an AI planner accomplish novel tasks in digital manufacturing.	Strategic Ohio Council for Higher Education	671973	26,680.00	7/25/2024	
Junjie Zhang						
25-0027-A0001-0	An Advanced Digital Forensics Curriculum The proposed project aims to develop innovative cybersecurity labs with a focus on digital forensics.	Strategic Ohio Council for Higher Education	672012	19,960.00	9/30/2024	
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	

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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)

13

877,688.00

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.

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.

Grants and Contracts Awarded by College

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24-0164-A0002-0	Characterization of Microstructure and Damage of High Temperature Ceramic Matrix Composites for Aerospace Applications This proposal seeks to investigate the relationship between microstructure and high temperature damage evolution in ceramic matrix composites for aerospace applications.	Strategic Ohio Council for Higher Education	672005	1,840.00	9/17/2024
Akm Ahsan Mian					
23-0311-A0001-2	OASIS: Ohio-Southwest Alliance on Semiconductors and Integrated Scalable-Manufacturing Work on developing research related to the Intel RFP call - Manufacturing Operations and Industrial Systems (MOIS) relevant to Semiconductor Industry.	University of Cincinnati	671656	210,000.00	11/19/2024
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 The researchers will study additively manufactured superalloy materials under high-speed impact conditions.	Air Force Office of Scientific Research	671783	108,104.00	10/23/2024
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 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.	Air Force Office of Scientific Research	671783	139,965.00	9/11/2024
J. Mitch Wolff					
23-0016-A0002-1	An Experimental Investigation into the Effect of Inlet Swirl on the Compression System of a Jet Engine The researchers will explain the need for a study into the effects of swirl and how they plan to study these effects.	Strategic Ohio Council for Higher Education	671579	14,532.00	9/17/2024
23-0181-A0001-1	Combustion Cold Starting for a Mini Gas Turbine at Altitude 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.	Strategic Ohio Council for Higher Education	671771	46,000.00	9/5/2024
23-0182-A0001-1	Machine Learning Enhancement of a Viscous Approximation Method for Supersonic-Hypersonic Flow 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.	Strategic Ohio Council for Higher Education	671766	40,860.00	10/4/2024
25-0051-A0001-0	OSGC campus allocation funds FY 25 OSGC funds to be used by the OSGC campus representative to support OSGC supported activities on campus and/or with WSU students.	Ohio Space Grant Consortium	672002	18,000.00	9/26/2024
25-0061-A0001-0	APOP 24-25 The PI and students will demonstrate variable nozzle mechanisms on a small ~20 lbf thrust turbine engine.	Innovative Scientific Solutions Inc.	672003	14,000.00	9/13/2024
25-0113-A0001-0	Design and Fabrication of a Hybrid Unmanned Air Vehicle WSU students will Design and Fabricate a Hybrid Unmanned Air Vehicle	P.C. Krause and Associates	672020	3,000.00	10/14/2024
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

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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)			19	6,150,366.00	
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)			15	203,742.00	
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
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

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

		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.				
Social Work (SOW55)				1	100,000.00
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.				
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 L. 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)				6	64,443.00
Lake Campus Business & Admin (LCD55)				2	30,278.00
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.				
Lake Campus Education & Human Svcs (LCE55)				2	9,990.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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.					
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)			1	20,000.00	
Stephen James Jacquemin					
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)			48	7,283,256.00	
Biochemistry/Molecular Biology-SOM (BYM55)			1	6,150.00	
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
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	

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Awards from: 7/1/2024 - 11/30/2024

Peter L Reynolds					
23-0117-A0001-2	Program Augmenting Resident Training for Needs in the Emotional Realm (PARTNER) 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.	Health Resources and Services Administration/DHHS	671678	447,122.00	8/21/2024
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) The objective of Dr. O'Malley's portion of the work is to recruit participants and work with the mentorship program.	University of Minnesota	671627	20,583.00	8/12/2024
Medicine (MED55)			1	230,757.00	
James F Lamb					
23-0257-A0001-1	Cardi-OH - Diabetes and Cardiovascular Health 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.	Case Western Reserve University	671876	230,757.00	11/5/2024
NeuroSci Cell Bio Physiology-SOM (ANM55)			17	2,226,043.00	
Christopher Dupont					
23-0293-A0001-2	Treating Hyperkalemic Periodic Paralysis 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.	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671596	45,077.00	8/7/2024
Sherif M Elbasiouny					
23-0310-A0001-4	Motoneuronal Mechanisms Underlying Age-related Muscle Weakness This project aims to examine the motoneuronal mechanisms underlying muscle weakness during aging.	Ohio University	671372	279,791.00	7/5/2024
23-0310-A0001-5	Motoneuronal Mechanisms Underlying Age-related Muscle Weakness This project aims to examine the motoneuronal mechanisms underlying muscle weakness during aging.	Ohio University	671372	16,788.00	8/6/2024
23-0417-A0001-3	Cognitive and Physical Performance in Operational Environments (CaPPOE) 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.	Ball Aerospace	671761	55,561.00	10/1/2024
24-0013-A0001-1	Excitability dysfunction mechanisms underlying the TDP43 -dependent ALS and FTD pathogenesis This proposal examines the mechanisms of excitability dysfunction in a new animal model of ALS/FTLD	National Institute of Neurological Disorders and Stroke/NIH/DHHS	671815	633,851.00	8/8/2024
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

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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
23-0339-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
Adaku C. Ume					
23-0292-A0001-2	The role of NFkB in calcineurin inhibitor-induced renal fibrosis Our project goal is to test the hypothesis that renal CnAα inhibition upregulates NFkB signaling which promotes irreversible renal damage.	National Institute of Arthritis & Musculoskeletal & Skin Diseases/NIH/DHHS	671606	45,077.00	7/31/2024

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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)				1	112,252.00	
Cynthia Judine Sieck						
25-0013-A0001-0	Randomized Clinical Trial of Nurse Family Partnership for Mothers with Previous Live Births	University of Colorado Anschutz Medical Campus		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)				7	1,541,874.00	
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.						
Michael Kemp						
24-0138-A0001-0	Analysis and function of damaged cell-free DNA	U.S-Israeli 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.						
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.						
Jeffrey Bryant Travers						
23-0407-A0001-1	Laboratory Animal Resources Care	Veterans Affairs Medical Center	671850	9,000.00	9/12/2024	
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	

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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.

Population and Public Health Sci (CMH55)			9	1,362,363.00
Jo Ann Ford				
23-0423-A0001-2	Minority AIDS Initiative (MAI) - High Risk Populations "Reachable, Teachable, and Inclusive" (RTI) project 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.	Substance Abuse & Mental Health Services Administration	671641	482,092.00 7/16/2024
Nicole Kinzeler				
23-0322-A0001-1	SAMHSA's Strategic Prevention Framework - Partnerships for Success 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.	Substance Abuse & Mental Health Services Administration	671852	370,035.00 7/15/2024
23-0432-A0002-0	Evaluation Services for Montgomery County Juvenile Court 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.	Montgomery County Juvenile Court		29,925.00 10/31/2024
24-0202-A0002-1	Program Evaluation - Zero Suicide Project SARDI will provide training, technical assistance, and evaluation support for Montgomery County ADAMHS' Zero Suicide Project.	ADAMHS Board for Montgomery County	671891	80,000.00 9/30/2024
25-0017-A0001-0	Program Evaluation - Zero Suicide Project (Year 5) 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.	ADAMHS Board for Montgomery County	672018	63,038.00 10/7/2024
25-0130-A0001-0	Evaluation Services for Montgomery County Juvenile Court 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.	Montgomery County Juvenile Court		29,925.00 11/7/2024
Marietta A. Orlowski				
24-0153-A0001-0	Dayton Street Medicine Project 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.	OneOhio Recovery Foundation, Inc		145,488.00 11/18/2024
Sara J. Paton				
25-0124-A0001-0	Public Health - Educational Service Agreement This project is for USAF Aerospace Medicine residents to complete their Masters in Public Health at Wright State.	Air Force Research Laboratory		20,000.00 10/24/2024
Cynthia Judine Sieck				
24-0132-A0001-1	Ohio Medicaid Health Safety Net Evaluation 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.	The Ohio State University	671914	141,860.00 7/22/2024
Psychiatry (PYC55)			5	160,500.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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.					
Research Affairs-SOM (RAM55)				5	1,175,612.00
Jennifer Lynn Daniels					
23-0437-A0002-0	CTRA LibrexiaAF	Janssen Research and Development, LLC		177,576.00	11/19/2024
CTRA Librexia_AF					
25-0060-A0001-0	CTRA study Artemis	Duke University		319,623.00	8/16/2024
CTRA study Artemis					
25-0129-A0001-0	CTRA study TG Therapeutics	TG Therapeutics, Inc.		542,453.00	9/24/2024
CTRA study TG Therapeutics					
25-0132-A0001-0	CTRA study Outcome Sciences, LLC	Outcome Sciences, LLC		42,841.00	10/17/2024
CTRA study Outcome Sciences, LLC					
Bradley S. Jacobs					
25-0058-A0001-0	CTRA Study - Remedy2	DiaMedica Therapeutics Inc		93,119.00	8/23/2024
CTRA Study - Remedy2					

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

College of Science and Mathematics (COSM)	8	497,327.00
Biological Sciences (BIO55)	1	11,556.00
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
Physics (PHY55)		
3		
263,319.00		
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) The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.	Univ of Colorado 668674 29,854.00 9/4/2024
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) The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.	Univ of Colorado 668674 32,138.00 10/30/2024
Ivan Medvedev		
23-0435-A0002-0	Microfabrication and Characterization of 100-GHz Schottky Rectifiers 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.	Terapico, LLC 672042 201,327.00 11/21/2024
Psychology (PSY55)		
4		
222,452.00		
Valerie L. Shalin		
24-0183-A0001-0	Conversation Analytics for Team Communication We propose integrating traditional linguistic methods with computational methods from information theory to develop novel metrics for measuring and assessing team communication behavior.	Strategic Ohio Council for Higher Education 671970 52,260.00 7/22/2024
24-0183-A0002-0	Conversation Analytics for Team Communication We propose integrating traditional linguistic methods with computational methods from information theory to develop novel metrics for measuring and assessing team communication behavior.	Strategic Ohio Council for Higher Education 671985 15,653.00 7/22/2024
Scott N J Watamaniuk		
23-0124-A0001-1	Cortical and brainstem contributions to binocular eye movements 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.	Smith-Kettlewell Eye Research Institute 671791 122,414.00 7/18/2024
23-0124-A0002-0	Cortical and brainstem contributions to binocular eye movements 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.	Smith-Kettlewell Eye Research Institute 671980 32,125.00 8/2/2024
Chief Operating Officer (COO5)		
5		
171,930.00		

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

Chief Operating Officer (COO55)				4	153,216.00
Gregory Paul Sample					
24-0285-A0001-0	Satellite laboratory	Azimuth Corporation	671948	45,135.00	7/1/2024
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-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

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

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
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)		6	1,343,701.00
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)		4	10,771,988.00
Financial Aid (FIA55)		4	10,771,988.00
Kimberly Ann Everhart			
24-0272-A0001-0	PELL 2024/2025	U.S. Department of Education	671879
			564,676.00
			7/1/2024
These funds support PELL grants for students.			
24-0272-A0002-0	PELL 2024/2025	U.S. Department of Education	671879
			9,654,968.00
			9/10/2024
These funds support PELL grants for students.			

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

25-0015-A0001-0	Ohio Governor's Merit Scholarship	Ohio Department of Higher Education	671966	510,000.00	7/10/2024
<p>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.</p>					
Bryan Maleik Martin					
25-0040-A0001-0	Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2024-2025	Logistics Management Institute	671979	42,344.00	8/16/2024
<p>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.</p>					
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	State Library of Ohio	672021	4,999.00	10/16/2024
<p>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).</p>					
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	Air Force Research Laboratory	671901	14,768.00	10/18/2024
<p>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.</p>					
Total				29,408,277.00	

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

College	#	Total
College of Engineering and Computer Science (CECS)	36	2,126,496.00
College of Health, Education, and Human Services (CHEH)	19	6,150,366.00
Lake Campus (LAKE)	6	64,443.00
College of Liberal Arts (COLA)	2	21,751.00
Boonshoft School of Medicine (SOMD)	48	7,283,256.00
College of Science and Mathematics (COSM)	8	497,327.00
Chief Operating Officer (COO5)	5	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)	6	1,343,701.00
Recruitment (RECR)	4	10,771,988.00
University Libraries (ULIB)	1	4,999.00
VP-Research and Innovation (VPRG)	1	14,768.00
Total	142	29,408,277.00

Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

College / Dept	#	Total
College of Engineering and Computer Science (CECS)	36	2,126,496.00
Biomed Indust & Human Factor Engr (BME55)	2	110,642.00
College of Eng & Computer Sci Admin (CECS5)	1	52,500.00
Computer Science (CSC55)	13	872,510.00
Electrical Engineering (EEG55)	7	213,156.00
Mechanical & Materials Engineering (MEG55)	13	877,688.00
College of Health, Education, and Human Services (CHEH)	19	6,150,366.00
Coll of Health Ed & Human Serv Adm (CHEHA)	1	5,741,043.00
School of Professional Psychology (SOPPA)	15	203,742.00
Social Work (SOW55)	1	100,000.00
Teacher Education (TED55)	2	105,581.00
Lake Campus (LAKE)	6	64,443.00
Lake Campus Business & Admin (LCD55)	2	30,278.00
Lake Campus Education & Human Svcs (LCE55)	2	9,990.00
Lake Campus Liberal Arts (LCL55)	1	4,175.00
Lake Campus Science & Mathematics (LCM55)	1	20,000.00
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)	48	7,283,256.00
Biochemistry/Molecular Biology-SOM (BYM55)	1	6,150.00
Family Medicine (FPR55)	1	447,122.00

Grants and Contracts Awarded by College

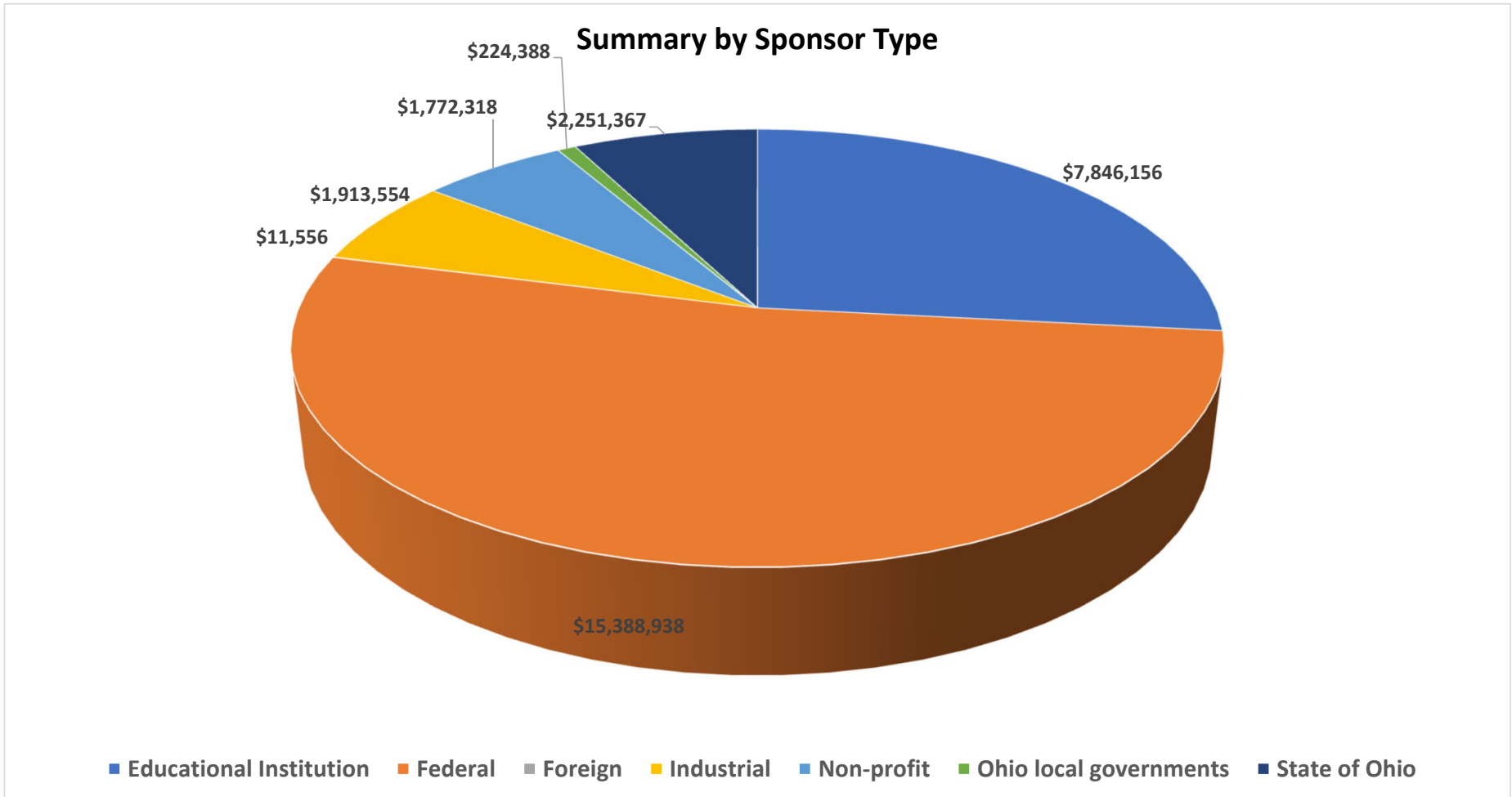
Awards from: 7/1/2024 - 11/30/2024

Medical Education - BSOM (ASM55)	1	20,583.00
Medicine (MED55)	1	230,757.00
NeuroSci Cell Bio Physiology-SOM (ANM55)	17	2,226,043.00
Pediatrics (PED55)	1	112,252.00
Pharmacology & Toxicology-SOM (PCL55)	7	1,541,874.00
Population and Public Health Sci (CMH55)	9	1,362,363.00
Psychiatry (PYC55)	5	160,500.00
Research Affairs-SOM (RAM55)	5	1,175,612.00
College of Science and Mathematics (COSM)	8	497,327.00
Biological Sciences (BIO55)	1	11,556.00
Physics (PHY55)	3	263,319.00
Psychology (PSY55)	4	222,452.00
Chief Operating Officer (COO5)	5	171,930.00
Chief Operating Officer (COO55)	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)	6	1,343,701.00
Provost (PRO55)	6	1,343,701.00

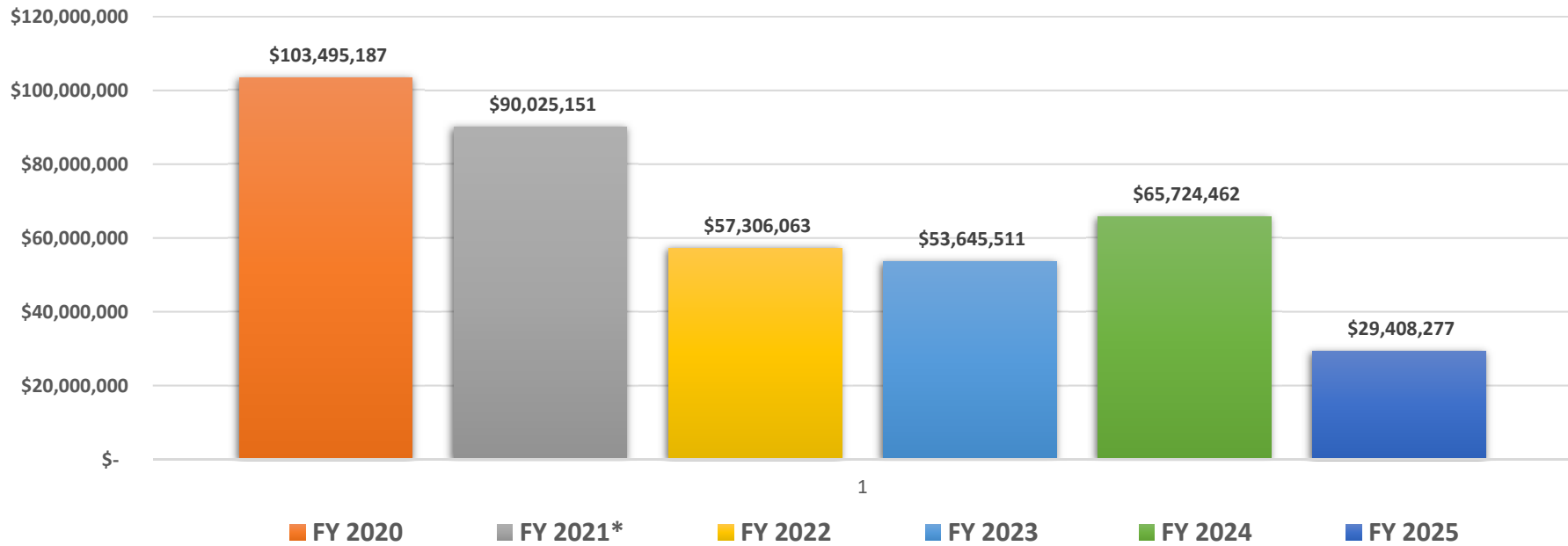
Grants and Contracts Awarded by College

Awards from: 7/1/2024 - 11/30/2024

Recruitment (RECR)	4	10,771,988.00
Financial Aid (FIA55)	4	10,771,988.00
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	142	29,408,277.00



WRIGHT STATE UNIVERSITY Cumulative Grant and Contract Awards Comparison with prior fiscal years and FY 2025 YTD



* FY 2021 includes \$35,048,007
in CARES Act Funding.
(Difference is \$54,977,144)