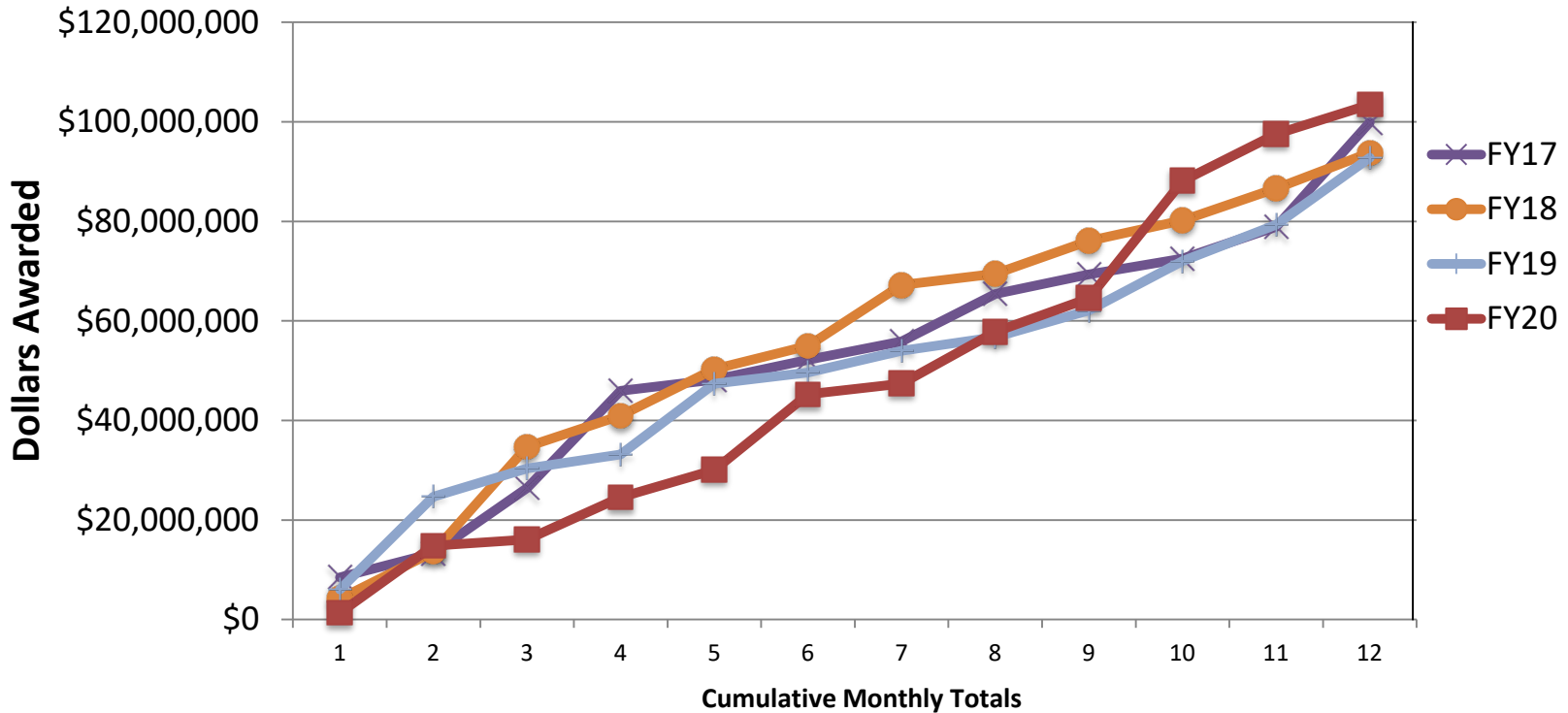


WRIGHT STATE UNIVERSITY

Cumulative Grant and Contract Awards Comparison with Previous Three Fiscal Years through June



FY20 through 6/30/20: \$103,495,187
FY19 through 6/30/19: \$92,817,133
FY18 through 6/30/18: \$93,778,464
FY17 through 6/30/17: \$99,885,322

**WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS**

**PREPARED FOR
BOARD OF TRUSTEES MEETING
September 18, 2020***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	24	\$1,341,842	39	\$8,996,864	63	\$10,338,706
Instruction	8	\$1,254,405	3	\$198,477	11	\$1,452,882
Institutional Support	2	\$5,073,423	1	\$499,427	3	\$5,572,850
Public Service	3	\$47,040	2	\$859,242	5	\$906,282
Student Aid	10	\$179,953	8	\$9,733,262	18	\$9,913,215
TOTAL	47	\$7,896,662	53	\$20,287,273	100	\$28,183,935

* Figures include total support for awards made since the May 2020 Board of Trustees Meeting.

** Ongoing awards include renewals, continuations, supplements and amendments.

This report was prepared by the Office of Research and Innovation.

**September 18, 2020
Wright State University
Grants and Contracts Awarded
Since the May 1, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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Boonshoft School of Medicine

Continuation Federal Grant	Peer Movement Project (PMP)	09/30/2019 09/29/2021	DHHS, Substance Abuse and Mental Health Services Administration	Kinzeler, Nicole	\$259,598	To address the substance abuse and HIV challenges for African American college students, the SARDI program will collaborate with community partners to create the Peer Movement Project (PMP) with a goal to use a multi-level approach to prevent the onset and reduce substance use, HIV and viral hepatitis C infection in African American college students ages 18 to 24.
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Basic Research

Amendment Non-Profit Subagreement	Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis	04/01/2020 02/28/2021	National Academy of Sciences	Elbasiouny, Sherif M.	\$71,745	This project aims to combine computational modeling with animal experiments to identify early irregular patterns in nerve recordings for early diagnosis of Amyotrophic Lateral Sclerosis.
Amendment Educ. Inst. Subagreement	Pharmacokinetics of Oral L-citrulline in Infants at High Risk of Developing Pulmonary Hypertension Associated with Bronchopulmonary Dysplasia	07/01/2020 06/30/2021	University of Utah	Turner Sherwin, Catherine M	\$18,900	The researchers will be responsible for all aspects of pharmacometric modeling and related data analysis by 6 months after obtaining data on the final patient.
Continuation Federal Grant	Precision High Intensity Training through Epigenetics (PHITE)	06/01/2020 05/31/2020	DoD, Office of Naval Research	Broderick, Timothy J. Kadokia, Madhavi P. Paliy, Oleg	\$1,494,329	Consistent with Defense Science Board 2030 recommendations for warfighter performance, the PHITE program will explore the link between physical training and epigenetics.

**September 18, 2020
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Since the May 1, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Novel Approaches to Therapy of Muscle Ion Channelopathies	04/01/2020 03/31/2021	DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases	Rich, Mark M. Voss, Andrew A.	\$537,978	The researchers aim to 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.
Continuation Federal Grant	Differential clearance of the pyroglutamate abeta through arachnoid and meningeal lymphatics in Alzheimer Disease.	07/01/2020 06/30/2021	DHHS, National Institute on Aging	Janson, Christopher G	\$376,763	The research is focused on alternative routes or mechanisms of clearance to resolve the problem of impaired AB brain clearance and to provide invaluable tools for the research community and to enable therapeutic discovery.
Continuation Federal Grant	Development of novel therapy for hypokalemic periodic paralysis	04/01/2020 03/31/2021	DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases	Rich, Mark M.	\$62,849	The researchers will test the hypothesis that a novel current we discovered during studies of the muscle diseases myotonia congenita and hyperkalemic periodic paralysis also plays a central role in triggering attacks of weakness in the muscle disease hypokalemic periodic paralysis.
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Zhelay	04/01/2020 09/30/2020	Veterans Affairs Medical Center	Zhelay, Tetyana	\$21,447	The reserachers will be involved in the subject recruitment, study visit and all correspondence and follow-up per protocol guidelines.
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Zhelay	02/01/2020 03/31/2020	Veterans Affairs Medical Center	Zhelay, Tetyana	\$7,058	The researchers will be involved in the subject recruitment, study visit and all correspondence and follow-up per protocol guidelines.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Zhelay	01/01/2020 01/31/2020	Veterans Affairs Medical Center	Zhelay, Tetyana	\$3,529	The researchers will be involved in the subject recruitment, study visit and all correspondence and follow-up per protocol guidelines.
New Federal Grant	Sodium Influx Assay for Measurement of TRPM7 Channel Activity in Intact Cells	06/01/2020 05/31/2021	DHHS, National Institute of Allergy and Infectious Diseases	Kozak, Juliusz Ashot	\$221,000	The researchers propose to develop new tools for cell based assays of TRPM7 ion channel activity.
New Non-Profit Grant	ALS and AD - common neurodegenerative mechanisms?	05/01/2020 10/31/2020	Wright State Applied Research Corporation	Elbasiouny, Sherif M.	\$68,469	Amyotrophic lateral sclerosis (ALS) and Alzheimer's Disease (AD) show similarities in symptomology and pathology. Focusing on identifying cellular neurodegenerative mechanisms common to ALS and AD, I will show how novel transgenic and conditional animal models allow us to study similar, potentially interactive pathologies of AD and ALS within the same animals.
New Non-Profit Grant	Circadian Clock Modulating Drugs in Cancer Prevention and Treatment	07/01/2020 06/30/2021	Ohio Cancer Research Associates	Kemp, Michael	\$30,000	The researchers will study and identify new treatment strategies that may be useful in the prevention and/or treatment of cancer.
Supplement Federal Grant	ER stress mediates methylglyoxal-evoked AIS shortening and neuronal dysfunction	01/01/2020 07/31/2020	DHHS, National Institute of Neurological Disorders and Stroke	Susuki, Keiichiro	\$40,577	This diversity supplement application together with the parent R01 grant will elucidate the mechanisms of how methylglyoxal affects axon initial segment and neuronal function by identifying a critical cellular mechanism involved in this process.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Applied Research						
Amendment Non-Profit Subagreement	NCI Award Under DCOP Fiscal Agency Agreement	08/15/2019 12/31/2019	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$24,766	WSU will continue to serve as the fiscal agent for Dayton Clinical Oncology Program (DCOP) funding in FY2019-2025 per the agreement (with effective date of December 23, 2001).
Amendment Industrial Contract	CTRA - EQUINOX	04/06/2016 12/31/2021	AbbVie Inc.	Talbot, Ted	\$22,163	CTRA - EQUINOX
Amendment Non-Profit Grant	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2019 12/31/2019	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$3,916	This amendment will allow supplemental funding for WSU to act as the fiscal agent for the Dayton Clinical Oncology Program (DCOP) for managing Non-NIH NCI funds per master agreement Addendum #1 having an effective date of May 12, 2005.
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Williams	01/01/2020 09/30/2020	Veterans Affairs Medical Center	Williams, Amy R	\$37,137	This study is designed to test whether FLR treatment of one forearm, wrist and dorsal hand will decrease the number of actinic keratosis and skin cancers developed on that arm over the next 5 years, in comparison to the untreated arm.
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Knisely	04/01/2020 09/30/2020	Veterans Affairs Medical Center	Knisely, Christina B	\$35,766	The researchers will test whether FLR treatment of one forearm, wrist and dorsal hand will decrease the number of actinic keratosis and skin cancers developed on that arm over the next 5 years, in comparison to the untreated arm.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Knisely	01/01/2020 03/31/2020	Veterans Affairs Medical Center	Knisely, Christina B	\$17,661	The researchers will test whether FLR treatment of one forearm, wrist and dorsal hand will decrease the number of actinic keratosis and skin cancers developed on that arm over the next 5 years, in comparison to the untreated arm.
New Industrial Subagreement	CTRA - VERISMO	12/04/2019 11/30/2029	Genentech, Inc.	Eicher, Tracy J	\$278,420	CTRA - VERISMO
New Industrial Grant	CTRA - cvMOBIUS	01/28/2020 12/31/2025	Amgen, Inc.	Daniels, Jennifer L	\$100,734	CTRA - cvMOBIUS
Instruction						
Continuation Federal Grant	Wright MAT	09/30/2020 09/29/2021	DHHS, Substance Abuse and Mental Health Services Administration	Hershberger, Paul J. Leeds, Frederic Stuart Crawford, Timothy Jacobson, Michael D	\$149,980	The purpose of this program is to expand/enhance access to medication-assisted treatment (MAT) services for persons with an opioid use disorder (OUD) seeking or receiving MAT through ensuring the education and training of students in the medical, physician assistant and nurse practitioner fields.
Continuation State Grant	Family Practice Program	07/01/2018 10/30/2020	Ohio Department of Higher Education	Paul, Kimberly A.	\$28,497	This award will support the WSU Family Practice Program.
Continuation State Grant	Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD	07/01/2020 09/30/2020	Ohio Department of Developmental Disabilities	Gentile, Julie P. Cowan, Allison Gainer, Danielle M Harper, Kari S	\$20,000	This funding will provide FY2018-FY2019 funds for faculty positions for training in psychiatric services to the mentally disabled.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New State Grant	Family Practice Program	07/01/2019 06/30/2020	Ohio Department of Higher Education	Paul, Kimberly A.	\$394,494	This project will support the WSU Family Practice Program.
New State Grant	Primary Care Residencies	07/01/2019 06/30/2020	Ohio Department of Higher Education	Paul, Kimberly A.	\$242,676	This project will support primary care residencies.
New Educ. Inst. Subagreement	Diabetes Quality Improvement Project	07/03/2019 06/30/2020	Case Western Reserve University	Lamb, James F Solomon, Glen D.	\$19,965	The researchers will oversee WSU's involvement in the creation of a diabetes change package for practices and in recruiting practices to participate in the diabetes quality improvement project.
New Educ. Inst. Subagreement	Diabetes Quality Improvement Project (QIP) (State)	07/03/2019 06/30/2020	Case Western Reserve University	Lamb, James F Solomon, Glen D.	\$9,833	WSU personnel will work with CWRU, ODM and project partners to meet the goal of improving diabetes outcomes in high volume Medicaid primary care practices across the state.
Public Service						
Supplement Industrial Contract	Clinical Research Affiliation and Operations Agreement CY18	01/01/2018 12/31/2018	Premier Health Partners	Kadakia, Madhavi P.	\$49,797	These funds will be used to support the operations through which medical clinicians and scientists can bring clinical research to the university and clinical setting that will benefit the community at large.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Academic Support						
Continuation Federal Grant	Accelerating Primary Care Transformation Wright (APCT-Wright)	07/01/2020 06/30/2021	DHHS, Health Resources and Services Administration	Binder, Stephen Bruce Hershberger, Paul J. Reynolds, Peter L. Burke, Ann E. Conway, Katharine M. Crawford, Timothy	\$499,427	The project team will accelerate the transformation of primary care at Wright State in Family Medicine, Pediatrics, Internal Medicine and the Pediatric and Family Medicine NP programs through faculty development for community preceptors, enriched curriculum for residents and NP students, and the creation of an academic primacy care fellowship.
Student Aid						
Continuation State Grant	Ohio Innovation Partnership Choose Ohio First Scholarship Program	07/01/2020 06/30/2021	Ohio Department of Higher Education	Dunn, Margaret M.	\$90,000	This multi-site project seeks to increase the number of primary care physicians in the State of Ohio. The sites will work with the Chancellor of Higher Education to develop a detailed plan for spending curriculum enrichment grant funds.

**September 18, 2020
Wright State University
Grants and Contracts Awarded
Since the May 1, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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College of Education and Human Services

Basic Research

Amendment Educ. Inst. Subagreement	Exploring an Expanded Theory of Multimedia Learning for Supporting Distributed Learning	02/13/2019 04/30/2021	Arizona State University	Schroeder, Noah L.	\$154,141	The project will explore an expanded theoretical model of multimedia learning that is relevant to adult learners when learning environments may contain interactive or personalized learning materials.
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Instruction

New Non-Profit Contract	Jennings Educator Institute	01/06/2020 12/23/2020	Martha Holden Jennings Foundation	Kramer, Tracey	\$12,000	The Jennings Educator Institute will provide free professional development to 80-100 local teachers over the course of three Saturday workshop sessions in the fall of 2020.
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**September 18, 2020
Wright State University
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Since the May 1, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Engineering and Computer Science						
Basic Research						
Amendment Federal Coop. Agrmt.	Science, Technology and Research for Exploiting Sensor Systems (STRESS)	03/20/2018 04/22/2022	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D.	\$1,240,000	Wright State University proposes to continue operation of a collaborative, student-based research center, nominally the Center for Autonomy Technology Research, for the execution of a variety of interconnected research projects that will extend the state of the art in sensor phenomenology, understanding, exploitation, and architectures with special application to anti-access/area-denied environments.
Amendment Federal Contract	Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)	04/14/2020 09/30/2021	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Palmer, Luther R.	\$735,000	Through a multi-university collaboration, WSU proposes to execute a variety of interconnected research projects that will extend the state of the art in sensor performance, understanding, exploitation, and architectures.
Amendment Federal Contract	SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)	06/02/2020 01/04/2021	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Palmer, Luther R. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas	\$404,000	The WSU team will undertake a multi-year effort to explore the development of methods to advance the state of the art in a variety of sensor exploitation research areas.
Amendment Federal Grant	A Holistic Automatic Deep Understanding and Protection of Technical Documents	04/01/2018 03/31/2021	DoD, Office of Naval Research	Bourbakis, Nikolaos G.	\$250,000	The researchers will conduct research for the generation of a holistic approach for deep understanding of technical documents.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Amendment Educ. Inst. Subagreement	SCH: INT: Collaborative Research: Development and Analysis of Integrative Models for Chronic Pain	09/01/2018 08/31/2020	Northwestern University	Banerjee, Tanvi	\$80,657	The researchers will develop new mathematical and statistical models for the dynamics of subjective pain in patients suffering from chronic pain.
Amendment Industrial Subagreement	Object Physics for Exploitation and Recognition Advancements (OPERA)	07/27/2015 04/01/2021	Leidos, Inc.	Rigling, Brian D.	\$65,000	The researchers will provide research support to the sponsor related to bi-static radar systems.
Continuation Educ. Inst. Subagreement	Shear forces regulate endothelial and fibroblast cross talk via inflammation to produce fibrosis	06/01/2020 05/31/2021	William Marshall Rice University	Sucosky, Philippe	\$74,999	The researchers will investigate if mechanical abnormalities in the left ventricle promote DSS formation.
Continuation Non-Profit Subagreement	An Experimental Investigation into the Effect of Inlet Swirl on the Compression System of a Jet Engine	05/13/2019 11/30/2021	Dayton Area Graduate Studies Institute	Wolff, J. Mitch Acton, Marcus J	\$52,260	The researchers will explain the need for a study into the effects of swirl and how they plan to study these effects.
Continuation Non-Profit Subagreement	Clustering and Visualization of Geotagged Text Data for Crisis Management	08/27/2018 11/30/2021	Dayton Area Graduate Studies Institute	Chung, Soon M. Crossman, Nathaniel	\$52,260	The researchers will develop efficient clustering algorithms based on the content of geotagged text messages in order to facilitate the identification of the topics of each cluster and visualize the topics.
Continuation Educ. Inst. Subagreement	Additively Manufactured Embedded Electronics	10/01/2019 12/31/2020	Southwestern Ohio Council for Higher Education	Mian, Ahsan Akm	\$30,360	The overall goal of this project is to investigate additively manufactured embedded electronics for harsh environment applications.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Educ. Inst. Subagreement	Stochastic Metamodeling for Design Validation	12/24/2019 12/31/2020	Southwestern Ohio Council for Higher Education	Bae, Harok	\$19,855	The goal of this project is to streamline the adaptive and interactive computational framework of addressing the verification and validation in the design exploration.
Continuation Industrial Subagreement	Composite Materials Computational & Experimental Analysis	05/01/2020 06/21/2022	Alion Science and Technology	Wolff, J. Mitch	\$9,095	The researchers will model various composite lay up materials and perform a non-linear analysis to identify how the material fails and to obtain a plot of displacement vs load strength.
New Educ. Inst. Subagreement	Machine Learning Based Control Development Methodology	05/01/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Roberts, Rory A. Ellicott, Andrew	\$52,260	Methodology using machine learning will be defined for controls system development.
New Educ. Inst. Subagreement	Assessing Humans as a Complex Model System through Multi- Omic Data Analysis over Diverse Timescales to Predict and Enhance Human Performance	05/01/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Rizki, Mateen M. Davidson, Christina	\$52,260	The researchers will use cutting edge artificial intelligence techniques in high-dimensional biological data to understand and predict effects on performance within a military cohort.
New Educ. Inst. Subagreement	The Influence of Additive Manufacturing Surface Roughness on Fatigue	08/01/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Gockel, Joy E.	\$52,260	The researchers will characterize, model, and test the influence of surface roughness on fatigue.
New Educ. Inst. Subagreement	Design and Optimization of a Scramjet Fuel Delivery System	05/11/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Wolff, J. Mitch Centlivre, Francis A	\$44,130	The researchers will design and analyze a combustor geometry being used by AFRL/RQH for the Quicksat vehicle to enable the improved performance of the vehicle.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	A fully-printed omnidirectional antenna	08/01/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Mian, Ahsan Akm Becker, Lucas E	\$44,130	The researchers will develop a fully-printed omnidirectional antenna.
New Educ. Inst. Subagreement	Development of gene regulatory elements for biosensing applications	05/11/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Goswami, Tarun Bates, Mallory N	\$44,130	The researchers will work on the development of gene regulatory elements for biosensing applications to help understand a new part of the human body.
New Industrial Subagreement	Hypersonic Onboard Power and Thermal Management System	05/05/2020 08/05/2020	Industrial, Corporations, Companies, Miscellaneous	Roberts, Rory A.	\$15,000	The researcher will work to develop the SOFC Hyperpower technology ideal for producing power onboard a hypersonic vehicle.
Applied Research						
Continuation Industrial Subagreement	Autonomous Remote Piloted Cirrus SR22 Aerial Surveillance Platform and Personnel Air Vehicle "Air Uber" System	08/01/2018 06/15/2020	Persistent Surveillance	Pei, Yong	\$149,999	The researchers from WSU, OU, and industry partners will work to enable remote pilot assisted, remote pilot, and full autonomous operation of aircraft for both UAS Surveillance operations and PAV operations and to build a command center for operations and demonstration capability throughout southwest Ohio.
Continuation Non-Profit Subagreement	APEX Analytics	09/30/2019 09/29/2021	Wright State Applied Research Corporation	Raymer, Michael L. Banerjee, Tanvi	\$100,000	The researchers will develop visual and statistical analytics to aid in the characterization of an organization's research and development competencies and their changes over time.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	Machine Learning Controls for Reconfigurable Transceiver Array	05/04/2020 11/30/2021	Southwestern Ohio Council for Higher Education	Saville, Michael Stamper, Corey M	\$57,663	The goal of this project is to show how machine learning technologies apply to transceiver arrays where the array and radio frequency circuits are reconfigurable. The technology applies to communications, radar, and electronic warfare systems.
New Industrial Subagreement	fNIRS Operational Readiness Estimation	03/30/2020 09/23/2020	Aptima, Inc.	Sunar, Ulas Fendley, Mary E. Harel, Assaf	\$50,000	At the end of the Phase I, we propose to develop fORE (fNIRS Operational Readiness Estimation), a proof of concept fNIRS system that is portable, usable by warfighters in operational or training, and capable of providing reliable and online state assessments of mission readiness.
New Non-Profit Subagreement	The Dayton MedTech Nexus Initiative	09/01/2019 08/31/2022	Wright State Applied Research Corporation	Foster, Brandy	\$20,000	The researchers will create infrastructure to match student interns with MedTech startups in the Dayton region to support entrepreneurial endeavors related to medical technology.
Instruction						
New State Grant	Ohio West Consortium on Additive and Robotic Manufacturing	04/21/2020 06/30/2022	Ohio Department of Higher Education	Srinivasan, Raghavan Mian, Ahsan Akm Gockel, Joy E.	\$511,437	The funds will be used for the acquisition of equipment for additive and robotic manufacturing that will be used to develop curricular for hands-on advanced manufacturing education to the next generation of the manufacturing workforce.

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Wright State University
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Student Aid						
New State Contract	Choose Ohio First Scholarship Program Computer Science FY20	04/01/2020 03/31/2021	Ohio Department of Higher Education	Meyer, Karen	\$69,383	WSU will provide Choose Ohio First Scholarship to students in the STEM disciplines.
New State Subagreement	OSGC STEM State of Ohio Awards	01/13/2020 04/30/2021	Ohio Space Grant Consortium	Wolff, J. Mitch Sucosky, Philippe	\$30,750	These funds are to support 7 undergraduate students and one graduate student with STEM Education Scholarship and Fellowship Awards.
New State Subagreement	SAE Aero Design	01/07/2020 05/31/2020	Ohio Space Grant Consortium	Thomas, Scott Keith	\$5,000	The goal of this project is to design and build a remote-controlled aircraft with certain limitation that will meet mission requirements.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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College of Liberal Arts

Applied Research

New Non-Profit Contract	Northeast Ohio OCTF Parent Leadership Focus Group Analysis	05/29/2020 06/30/2020	Stark County Educational Service Center	Tichnell, Tracey Ann	\$3,744	The Applied Policy Research Institute (APRI) will code into Dedoose transcripts created from video clips or tapes provided by the client for focus groups on Parent Leadership. The client will provide the relevant categories for analysis. APRI will create a report summarizing the findings of this qualitative analysis.
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Public Service

Amendment State Subagreement	Southwest Ohio Regional Prevention Coordinator Proposal	07/01/2020 06/30/2021	Ohio Department of Job and Family Services	Murray, Carol S. Wiehe, Michael R.	\$809,445	The Applied Policy Research Institute will oversee the administrative functions of the Southwest Ohio Regional Prevention Council and, in partnership with stakeholders, operationalize activities to address child abuse and neglect in the region.
New Educ. Inst. Subagreement	Greater Ohio Workforce Board COVID Impact	04/15/2020 05/06/2020	Clark State Community College	Dockery, Jane L. Murray, Carol S.	\$20,117	The purpose of this study is to provide quantitative insights about the Area 7 industry sector and occupational needs as the economy recovers from the pandemic.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Science and Mathematics						
Basic Research						
Amendment Educ. Inst. Subagreement	MAVEN Extended Mission Phase E	07/01/2011 12/15/2022	University of Colorado	Fox, Jane Lee	\$73,000	The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.
Amendment Industrial Subagreement	Electrical and Optical Characterization	09/01/2016 05/19/2021	Wyle Laboratories	Look, David C.	\$68,350	The purpose of this project is to provide electrical and optical characterization of materials and devices of interest to the Sensors Directorate of the AFRL.
Amendment Non-Profit Contract	Dairymen"s Natural Resources Stewardship	05/01/2019 04/30/2021	Dairymen's, Inc.	Rooney, Thomas	\$1,478	This study advances forest and wildlife conservation in the Great Lakes region.
Continuation Federal Grant	Discovery of germline genes and regulatory networks in planarians	04/15/2020 03/31/2023	DHHS, National Institute of Child Health and Human Development	Rouhana, Labib	\$447,441	The proposed line of research seeks to identify genes involved in germline development with conserved function in mammals.
New Educ. Inst. Subagreement	Assessing nitrogen dynamics in a closed, integrated aquaponics system.	02/01/2020 01/31/2021	Ohio State University	Newell, Silvia Elena	\$60,003	The researchers will measure the rates of nitrogen cyucing processes within the closed aquaponics system to optimize growth of yellow perch, freshwater prawns, and hydroponic lettuce/herbs to develop a model to optimize nitrogen levels.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	Research Initiation Award: Search for the Epigenomic Mechanisms of Paternal Inheritance of Aggression in Social Honeybees	05/01/2020 04/30/2022	Central State University	Peters, Jeffrey L.	\$35,928	The main goal of this project is to determine how paternal inheritance and modifications in gene expression relate to aggressive behavior of honeybees.
New Federal Grant	RAPID: Collaborative Research: Faculty Social Networks Supporting Crisis Transitions to Online Physics Teaching	05/15/2020 04/30/2021	NSF, Miscellaneous	Traxler, Adrienne L.	\$15,083	The researchers will study the social networks of physics faculty during the transition of moving to online courses.
New Educ. Inst. Subagreement	Evaluating the importance of dredged sediment age for agricultural uses in Northwest Ohio	04/01/2020 03/31/2020	Ohio State University	Rua, Megan A.	\$10,000	The main objective of this proposal is to evaluate differences in sediment quality for dredge material from Lake Erie to understand its potential as a beneficial-use amendment to agriculture soils in the Toledo basin.
New Educ. Inst. Subagreement	Rapid mobilization to establish baseline conditions and assess post-treatment effects of an imminent alum application (April 2020) at West Beach, Grand Lake St. Mary's	04/01/2020 03/31/2021	Ohio State University	McCarthy, Mark J.	\$10,000	ODNR is planning an application of aluminum sulfate (alum) in April 2020 within the new West Beach swimming enclosure at Grand Lake St. Mary's. The researchers propose to mobilize immediately to establish baseline conditions before the alum treatment and assess post-treatment effects on nutrient cycling.
New Non-Profit Grant	Wright State Geophysical Field Camp	06/01/2020 12/31/2020	SEG Foundation	Hauser, Ernest C.	\$7,660	The researchers seek funding from SEG for logistical support (mileage, hotel and food) for seismic data collection.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Applied Research						
Amendment Non-Profit Subagreement	Human-Centered Science Laboratory (HCSL) Support of AFRL Activities	01/13/2020 07/12/2021	Wright State Applied Research Corporation	LaHuis, David	\$28,750	The purpose of the Human-Centered Science Laboratory (HCSL) is to support research and development activities to advance the mission of the Human Trust and Interaction Branch (711 HPW/RHXS), Human Insight and Trust (HIT) Team, to foster human-robot teaming, methods to calibrate trust, and methods to foster transparency in human-machine contexts.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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Lake Campus

Basic Research

New Non-Profit Subagreement	Nutrient and Sediment Retention Potential of a Saturated Buffer in Grand Lake St Marys Watershed	02/01/2020 07/01/2023	Ohio Farm Bureau Federation	Jacquemin, Stephen James	\$61,468	The overarching objective of this project is to expand the body of knowledge regarding the volume and nutrient reduction potential of these systems in the soils and topography typical of northwest Ohio
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Applied Research

Amendment Educ. Inst. Subagreement	A Hybrid Fuel Cell- Battery-Capacitor Power Source for UAS	01/02/2020 06/15/2021	Kent State University	Attariani, Hamed	\$143,711	The objective of this project is to develop an onboard power source to address the lightweight onboard energy requirements of UAS for extended flight time and payload.
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Library

Institutional Support

New	State Library of Ohio	07/21/2020	State Library of	Polanka, Sue	\$3,000	The State Library of Ohio CARES Act Mini Grant will provide funds to purchase PPE, signage, and cleaning supplies in order for the library to safely provide services for reopening campus in August.
State	CARES Act Mini	06/30/2021	Ohio			
Grant	Grants					

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Raj Soin College of Business

Basic Research

New Non-Profit Grant	Curbing Corruption: A Neurological Investigation of the Effects of Leader Character and Power	12/01/2019 12/01/2021	University of Western Ontario	Sturm, Rachel E.	\$7,500	The goal of this project is to show (via behavioral outcomes and neurological indicators) how powerful leaders can optimize their decision-making judgment when they activate on character strengths while making decisions.
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
School of Professional Psychology						
Instruction						
New Industrial Contract	SOPP Internship: Dayton Children's Hospital 2019-2020	07/01/2019 06/30/2020	Dayton Children's Hospital (Dayton)	Warfield, Janeece	\$32,000	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019 -2020 training year.
New Industrial Contract	SOPP Internship: Dayton Children's Hospital 2020-2021	07/01/2020 06/30/2021	Dayton Children's Hospital (Dayton)	Warfield, Janeece	\$32,000	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019 -2020 training year.
Student Aid						
New Industrial Contract	SOPP Practicum: Cordell Associates, LLC FY2021	07/01/2020 06/30/2021	Cordell & Associates	Cigrang, Jeffrey A.	\$18,000	The sponsor will provide direct client services training for three SOPP practicum students.
New Non-Profit Contract	SOPP Practicum: National Youth Advocate Program, Inc. FY2021	07/01/2020 06/30/2021	National Youth Advocate Program	Cigrang, Jeffrey A.	\$15,000	The sponsor will provide direct client services training for two SOPP practicum students.
New Other Gov't. Contract	SOPP Practicum: Summit Behavioral Healthcare	07/01/2020 06/30/2021	Summit Behavioral Healthcare	Cigrang, Jeffrey A.	\$13,500	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019 -2020 training year.
New Educ. Inst. Contract	SOPP Practicum: University of Cincinnati FY2021	07/01/2020 06/30/2021	University of Cincinnati	Cigrang, Jeffrey A.	\$12,000	The sponsor will provide direct client services training for one SOPP practicum student.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Contract	SOPP Practicum: Compdrug, Inc.	07/01/2020 06/30/2020	CompDrug	Cigrang, Jeffrey A.	\$8,320	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019-2020 training year.
New Industrial Contract	SOPP Practicum: Kidslink. FY2021	07/01/2020 06/30/2021	Kidslink Neurobehavioral Center	Cigrang, Jeffrey A.	\$6,500	The sponsor will provide direct client services training for one SOPP practicum student.
New Industrial Contract	SOPP Practicum: Transitional Life Counseling 2019-2020	07/01/2019 06/30/2020	Transitional Life Counseling	Cigrang, Jeffrey A.	\$1,500	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019-2020 training year.

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Universitywide						
Public Service						
New Federal Grant	Veterans Affairs Annual Reporting	03/25/2020 03/24/2031	Veterans Affairs	Gordon, Seth E. Holdheide, Sandi	\$13,530	Schools are provided a reporting fee based on the number of students who were certified to VA at least once during the year and who received VA educational benefits.
New State Contract	Scaling Guided Pathways	03/01/2020 09/30/2020	Ohio Department of Higher Education	Brun, Carl F.	\$13,393	The researchers work will answer specific questions on aspects of transfer behavior and graduation rates of students attending as first-time students Ohio's public two-year institutions.
Institutional Support						
New Federal Grant	CARES ACT Higher Education Relief Fund Institutional Portion	05/18/2020 05/17/2021	U.S. Department of Education	Kawosa, Burhan	\$5,070,423	These funds will be used for the institutional portion of expenses related to the disruption of campus operations due to coronavirus.
Student Aid						
Amendment Federal Grant	Pell Grant Program 2019-2020	04/01/2019 06/30/2020	U.S. Department of Education	Everhart, Kim	\$6,858,386	These funds support PELL grants for students.
Amendment State Contract	Wright State Choose Ohio First Program	07/01/2017 06/30/2021	Ohio Department of Higher Education	Littell, Timothy Jason	\$942,500	Wright State's Choose Ohio First Scholarship program will support the economic growth of the Dayton, the Miami Valley, and Southwest Ohio regions by enhancing the production of graduates in the critical STEM areas needed by industry.

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Amendment State Grant	Choose Ohio First Continuing Scholar Program FY21	07/01/2020 06/30/2021	Ohio Department of Higher Education	Littell, Timothy Jason Gallagher, John C.	\$33,534	Wright State University will continue to provide Choose Ohio First Scholarships to current scholarship recipients in order for them to finish their degrees within the STEMM disciplines.
Amendment Federal Grant	PELL Grant Program 2018/2019	04/01/2018 06/30/2019	U.S. Department of Education	Everhart, Kim	\$5,396	These funds support PELL grants for students.
Amendment Federal Grant	Supplemental Educational Opportunity Grant Program (SEOG) 2020/2021	06/01/2020 06/30/2021	U.S. Department of Education	Everhart, Kim	\$26	These funds support SEOG grants for students.
Continuation Federal Grant	College Work Study Program	07/01/2020 06/30/2021	U.S. Department of Education	Everhart, Kim	\$940,830	These funds help support the college work-study program at WSU.
Continuation Federal Grant	Pell Grant Program 2020-2021	04/01/2020 06/30/2021	U.S. Department of Education	Everhart, Kim	\$862,590	These funds support PELL grants for students.

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VP for Research and Dean of the Graduate School

Basic Research

Amendment	Adaptive Goal-Driven	12/01/2019	Lehigh University	Cox, Michael T.	\$100,000	The focus of this project is the automated learning and elicitation of knowledge needed for autonomous agents to operate robustly.
Educ. Inst.	Autonomous Agents	11/30/2021				
Subagreement						

Applied Research

Non-Profit	WSARC/WSRI Collaborative Project	05/01/2020 07/31/2020	Wright State Applied Research Corporation	Andersh, Dennis J.	\$1,939,924	These funds denote the portion of the FY20 WSARC funding portfolio recorded through the month of May - July 2020.
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Total Funded \$28,443,533