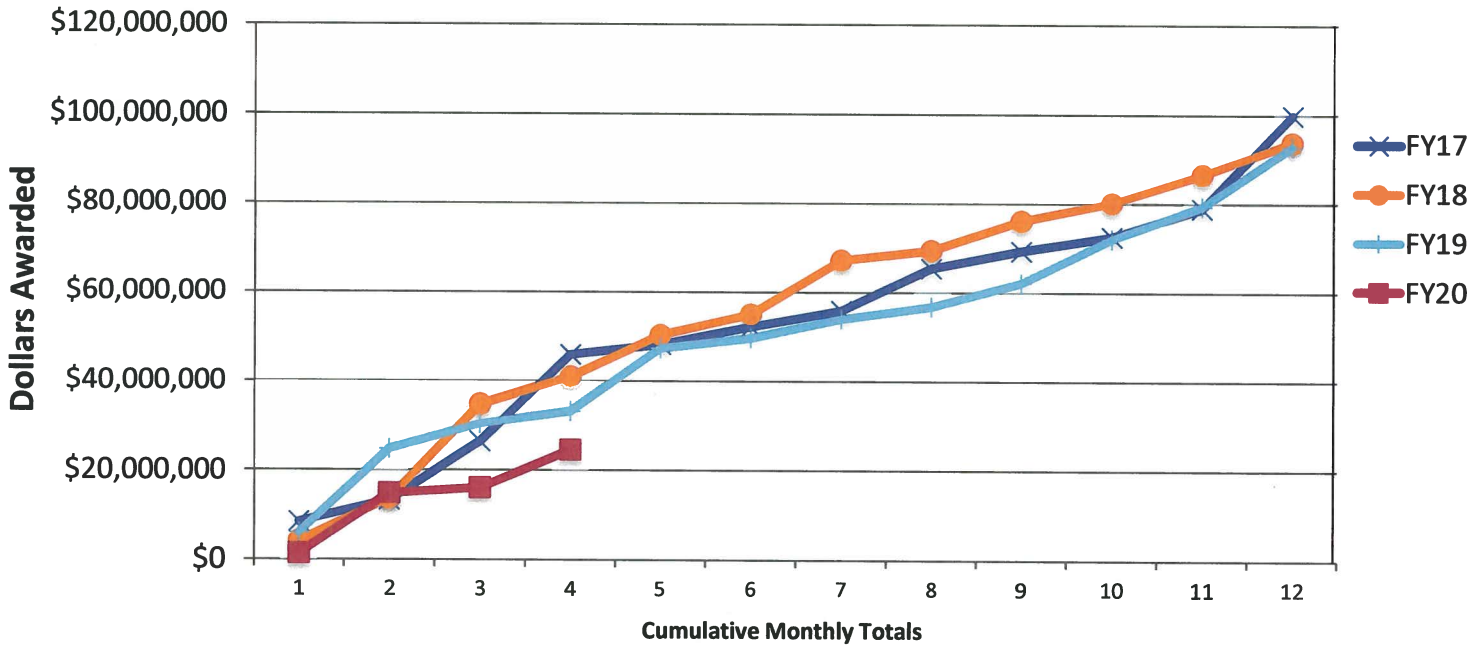


WRIGHT STATE UNIVERSITY
Cumulative Grant and Contract Awards
Comparison with Previous Three Fiscal Years through October



FY20 through 10/31/19: \$24,546,948
 FY19 through 10/31/18: \$33,149,970
 FY18 through 10/31/17: \$40,954,698
 FY17 through 10/31/16: \$45,937,268

**WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS**

**PREPARED FOR
BOARD OF TRUSTEES MEETING
December 13, 2019***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	34	\$3,429,502	26	\$11,264,956	60	\$14,694,458
Instruction	0		12	\$346,450	12	\$346,450
Institutional Support	0		4	\$757,557	4	\$757,557
Public Service	9	\$1,090,539	4	\$4,130,683	13	\$5,221,222
Student Aid	14	\$152,880	5	\$1,620,857	19	\$1,773,737
TOTAL	57	\$4,672,921	51	\$18,120,503	108	\$22,793,424

* Figures include total support for awards made since the September 2019 Board of Trustees Meeting.

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

This report was prepared by the Office of Research and Sponsored Programs.

December 13, 2019
Wright State University
Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Boonshoft School of Medicine						
Basic Research						
Amendment Federal Grant	Precision High Intensity Training through Epigenetics (PHITE)	09/01/2016 08/31/2021	DoD, Office of Naval Research	Broderick, Timothy J. Kadokia, Madhavi P. Raymer, Michael L.	\$1,485,869	Consistent with Defense Science Board 2030 recommendations for warfighter performance, the PHITE program will explore the link between physical training and epigenetics.
Amendment Non-Profit Subagreement	Integrated Sense, Assess and Augment (ISAA)	04/01/2017 01/31/2020	Wright State Applied Research Corporation	Elbasiouny, Sherif M.	\$147,500	The objective of the Integrated Sense, Assess and Augment (ISAA) program is to identify, integrate, and test specific sense, assess and augment tools and methodologies and to identify those most likely to achieve significant human performance gains in demanding Air Force mission environments.
Continuation Educ. Inst. Subagreement	An Interactive Game for Cultural Proficiency Training Featuring Virtual Reality Immersion (IGCPT)	07/03/2019 06/30/2020	Ohio State University	Hershberger, Paul J. Pei, Yong Binder, Stephen Bruce Crawford, Timothy Wischgoll, Thomas Pavlack, Todd A	\$399,465	Our virtual reality experiences and patient simulations will be delivered as an app for various VR/AR devices to maximize the convenient access and usage by practitioners.
Continuation Federal Grant	Neurodegeneration mechanisms common to both ALS and AD	08/01/2019 01/31/2020	DHHS, National Institute of Neurological Disorders and Stroke	Elbasiouny, Sherif M.	\$286,836	This investigation has potential to identify a broad neurodegenerative mechanism common to different mouse models of ALS and in AD and to identify associations between motor function loss and cognitive impairment.

**December 13, 2019
Wright State University
Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Roles of calcineurin isoforms in renal regulation of blood pressure	09/01/2019 08/31/2020	DHHS, National Institute of Diabetes and Digestive and Kidney Diseases	Williams, Clintoria	\$173,460	By integrating cellular and molecular biology with animal models, our long-term research objective is to identify and exploit signaling pathways that regulate renal sodium transporters and subsequently sodium handling and blood pressure.
New Federal Grant	Disruption of excitable axonal domains by glucose metabolite methylglyoxal	08/01/2019 07/31/2020	DHHS, National Institute of Neurological Disorders and Stroke	Susuki, Keiichiro	\$341,425	This study is to show that the glucose metabolite methylglyoxal is involved in the neurological symptoms in neurodegenerative conditions such as diabetes.
New Federal Grant	Real-time Assessment of Dialogue in Motivational Interviewing training (ReadMI)	08/01/2019 07/31/2020	DHHS, Agency for Healthcare Research and Quality	Hershberger, Paul J. Bricker, Dean Crawford, Timothy Wilson, Josephine F. Pei, Yong	\$174,994	The focus of this research is to revolutionize MI and SBIRT training with a software-based training solution that uses natural language processing to provide Real-time Assessment of Dialogue in Motivational Interviewing (ReadMI).
New Federal Grant	Cell type-specific roles of calpain-2 in formation of peripheral myelinated nerves	09/15/2019 08/31/2020	DHHS, National Institute of Neurological Disorders and Stroke	Susuki, Keiichiro	\$75,000	The researchers will examine the roles of the enzyme called calpain-2 in peripheral nerves.
New Federal Grant	Development of novel therapy for hypokalemic periodic paralysis	07/01/2019 03/31/2020	DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases	Rich, Mark M.	\$51,534	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.

**December 13, 2019
Wright State University
Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Federal Grant	Dayton Veterans Affairs Medical Center IPA Agreement	05/01/2019 09/30/2019	Veterans Affairs Medical Center	Cates, Elizabeth E.	\$31,491	Ms. Cates will be responsible for overseeing the day to day activities of Dr. Traver's Research. She will be involved in subject recruitment, study visits, and all correspondence and follow up per protocol guidelines.
New Federal Grant	Veterans Affairs Medical Center IPA Agreement - Zhelay	07/01/2019 09/30/2019	Veterans Affairs Medical Center	Zhelay, Tetyana	\$10,662	The PI will be involved in the subject recruitment, study visit and all correspondence and follow-up per protocol guidelines.
Applied Research						
Continuation Federal Grant	Day-TREE	09/30/2019 09/29/2020	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$520,492	This study will enhance and expand comprehensive treatment, early intervention, and recovery support services for transitional aged youth and young adults (ages 16-25), and their families/primary caregivers to reduce the prevalence and severity of substance use disorders and/or co-occurring substance use and mental health disorders.
Continuation Non-Profit Agreement	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2014 07/31/2019	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$20,690	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 Contract	Laboratory Animal Resources Care	09/30/2019 09/29/2020	Veterans Affairs Medical Center	Travers, Jeffrey B.	\$19,200	Dr. Travers will provide LAR services for the VA.
New Industrial Contract	CTRA - ODYSSEY EXTENSION	12/03/2018 12/31/2022	Regeneron Pharmaceuticals Inc.	Kadokia, Madhavi P.	\$183,918	CTRA - ODYSSEY EXTENSION

**December 13, 2019
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Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Contract	CTRA - AEGIS II	07/01/2019 12/31/2022	CSL Behring LLC	Goyal, Amit	\$181,393	CTRA - AEGIS II
New Industrial Subagreement	CTRA - CSPC	09/20/2018 12/31/2022	inVentiv Health Clinical	Terry, John B.	\$135,815	CTRA - CSPC
New Non-Profit Subagreement	GSK3 Beta Study in Patient with Myotonic Dystrophy 1	01/15/2019 12/31/2019	Children's Hospital Medical Center (Cincinnati)	Kumar, Gogi Miller, Marvin E.	\$80,168	The proposed studies will have a high impact and will generate background for the initiation of clinical trials for patients with adult and congenital DM1 using GSK3 inhibitors.
New Industrial Subagreement	CTRA - RICODIFY	07/09/2019 12/31/2022	Syneos Health, LLC	Pope, Jonathan G	\$52,231	CTRA - RICODIFY
New Educ. Inst. Subagreement	CTRA - AQUEOUS-PREP	09/30/2017 09/29/2018	University of Maryland	Prayson, Michael J.	\$47,880	CTRA - AQUEOUS-PREP
New Educ. Inst. Subagreement	Optimizing HEALing in Ohio Communities (OHIO)	04/17/2019 03/31/2020	University of Cincinnati	Daniulaityte, Raminta	\$28,419	The key goals of the study are to test the immediate impact of implementing an integrated set of evidence-based interventions across healthcare, behavioral health, justice, and other community-based settings to prevent and treat opioid misuse and Opioid Use Disorders (OUD) within highly affected communities.
Instruction						
Continuation Other Gov't. Contract	Child Psychiatric Placements	07/01/2019 06/30/2020	Montgomery County ADAMH Services Board	Mast, Ryan C.	\$150,000	The ADAMHS funds support stipends for child and adolescent psychiatry residents.

**December 13, 2019
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Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation State Grant	Child and Adolescent Psychiatry	07/01/2019 06/30/2020	Ohio Department of Mental Health and Addiction Services	Mast, Ryan C.	\$35,000	These funds will continue to support a partnership to improve the quality of clinical services in child and adolescent psychiatry, including training and a portion of the salary for a resident in Child and Adolescent Psychiatry.
Continuation State Grant	Adult General Psychiatry	07/01/2019 06/30/2020	Ohio Department of Mental Health and Addiction Services	Welton, Randon S.	\$15,000	The Principal Investigator will coordinate psychiatric residency services training through GSH. Funding will partially replace psychiatry resident stipends lost as a result of Twin Valley Behavioral Healthcare (TVBH) closure.
Continuation State Grant	Community General Psychiatry	07/01/2019 06/30/2020	Ohio Department of Mental Health and Addiction Services	Merrill, Brian M.	\$15,000	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.
Continuation State Grant	Rural General Psychiatry	07/01/2019 06/30/2020	Ohio Department of Mental Health and Addiction Services	Gainer, Danielle M	\$10,000	This funding will continue to support a partnership with the WSU Department of Psychiatry to improve the quality of clinical services in rural areas across the state, improve the numbers of medical professionals joining the rural public mental health sector, and complete the Department's Community Psychiatry curriculum with particular emphasis on rural communities.

**December 13, 2019
Wright State University
Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Public Service						
Continuation Other Gov't. Subagreement	Evaluation Services for Montgomery County Juvenile Court	07/01/2019 06/30/2020	Montgomery County Juvenile Court	Kinzeler, Nicole	\$28,350	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.
New Federal Grant	Virtual Office Space (VOS): Improving Employment Opportunities for Individuals	09/30/2019 09/29/2020	DHHS, Administration for Community Living	Wilson, Josephine F.	\$199,767	The researchers will develop and evaluate a fully-integrated, high resolution virtual desktop for individuals with low vision, which can be accessed online from home or the workplace.
New Educ. Inst. Subagreement	Addressing the opioid epidemic through an all-Ohio collaborative medical school training curriculum	05/01/2019 09/29/2019	Northeast Ohio Medical University	Roman, Brenda White, Mary T. D'Epiro, Giselle K	\$49,999	WSU-BSOM will develop two sets of materials related to population health/social determinants of health; one is a neighborhood tour and the other is a team-based learning activity.
New Non-Profit Subagreement	2918-2021 SAMHSA- funded MHAT Evaluation	11/30/2018 11/29/2021	Mt. Olive Baptist Church	Kinzeler, Nicole	\$37,500	Evaluation services will be provided to Mt. Olive Baptist Church for their SAMHSA-funded Mental Health First Aid project.
Academic Support						
Continuation Federal Grant	Accelerating Primary Care Transformation Wright (APCT-Wright)	07/01/2019 06/30/2020	DHHS, Health Resources and Services Administration	Binder, Stephen Bruce	\$498,823	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.

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Since the September 13, 2019 Board of Trustees Meeting

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

Public Service

Continuation Educ. Inst. Grant	Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement	07/01/2019 06/30/2020	Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School	Keferl, Joseph E.	\$4,012,044	These funds will support 2019/2020 salaries and fringe benefits of STEM school personnel who are paid through WSU.
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**December 13, 2019
Wright State University
Grants and Contracts Awarded
Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Engineering and Computer Science						
Basic Research						
Amendment Federal Contract	Synthesis, Exploitation, Analysis, and Belief for Autonomous Sensor Systems (SEABASS)	05/07/2019 08/10/2022	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D.	\$250,000	Through a multi-university collaboration, WSU will execute a variety of interconnected research projects that will extend the state of the art in sensor performance, understanding, exploitation, and architectures.
Amendment Federal Coop. Agrmt.	Science, Technology and Research for Exploiting Sensor Systems (STRESS)	03/20/2018 05/19/2020	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D.	\$220,732	This project will continue the ATRC summer student program and seek to expand its reach to all divisions of the AFRL Sensors Directorate.
Amendment Educ. Inst. Subagreement	Shear forces regulate endothelial and fibroblast cross talk via inflammation to produce fibrosis	06/01/2019 05/31/2020	William Marshall Rice University	Sucosky, Philippe	\$74,999	The researchers will investigate if mechanical abnormalities in the left ventricle promote DSS formation.
Continuation Federal Grant	Collaborative Research: I/UCRC Center for Surveillance Research, Phase II	08/01/2019 07/31/2020	NSF, Industry/University Cooperative Research Grants	Rigling, Brian D.	\$87,200	The Center for Surveillance Research (CSR) was founded in 2010 as a Phase I NSF Industry/University Cooperative Research Center. This project seeks to graduate the center to Phase II and presents a plan for expanding the center through the addition of two Phase I sites.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Educ. Inst. Subagreement	Refinement of OSU' Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears	01/01/2014 07/31/2020	Ohio State University	Li, Sheng	\$50,000	The researcher will implement a scuffing failure criterion into the existing scuffing models that The Ohio State University developed for point contacts of rough surfaces and gear pairs.
Continuation Industrial Subagreement	Collaborative Communication Interruption Management System (C-CIMS)	09/01/2018 12/31/2019	Ball Aerospace	Pei, Yong	\$44,888	The researchers will design a real-time system that can accurately detect points of interruptibility within human-machine teaming interactions.
Continuation Educ. Inst. Subagreement	Rheological Description Modifications for Lubricated Rough Surface Contacts of Rollers and Gears	09/24/2019 12/24/2020	Ohio State University	Li, Sheng	\$41,000	The WSU researchers will focus on the development of new capabilities and refinement of the existing capabilities of scuffing models that were developed for General Motors by The Ohio State University.
Continuation Educ. Inst. Subagreement	Probabilistic Design Criteria for Decision Making with Uncertainty	09/01/2018 10/31/2019	University of Dayton	Bae, Harok	\$9,642	The researchers will develop methods, processes, tools and guidelines for developing and creating probabilistic design criteria and a common sense approach for how to create the same.
New Non-Profit Subagreement	Mission-oriented Intelligent Firmware Modeling	07/02/2019 06/30/2020	Transportation Research Center Inc.	Zhang, Junjie	\$117,479	The researchers will study vehicle firmware.
New Non-Profit Grant	Modeling of the contact angle hysteresis and wetting properties of oil droplets on textured surfaces	09/01/2019 08/31/2021	Petroleum Research Fund - American Chemical Society	Priezjev, Nikolai	\$110,000	In this project, large-scale molecular dynamics (MD) simulations will be employed to examine how wetting and interfacial flow properties of polymeric liquids depend on the areal density, surface energy, and re-entrant texture of structured surfaces.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	Power/Thermal Management of Hypersonic Air Vehicles	05/01/2019 11/30/2021	Southwestern Ohio Council for Higher Education	Wolff, J. Mitch Roberts, Rory A.	\$78,200	This research builds and expands on previous research from the High Speed Systems (AFRL/RQH) and Power and Controls (AFRL/RQQ) Divisions to develop predictive, multidisciplinary, and multi-fidelity models by integrating the power and thermal sub-systems using a transient 1st and 2nd Laws of Thermodynamics analysis to capture the fundamental physics for a variety of different missions.
New Industrial Subagreement	Advanced Power Density Improvements to Electrical Generation Systems	06/26/2019 11/26/2019	Spectral Energies, LLC	Roberts, Rory A.	\$50,000	The goal of this project is to determine the feasibility of a supercritical CO2 waste recovery and power system with SWaP estimates.
New Industrial Grant	Modeling and Analysis of the Manufacturing Facility	10/07/2019 10/06/2020	L3Harris	Parikh, Pratik	\$49,976	The WSU team will model key areas of the existing production facility using a stochastic simulation method.
New Non-Profit Subagreement	A Thermo-fluids Analysis of Aircraft Thermal Energy Management and Precision Airdrop	03/27/2019 12/31/2019	Dayton Area Graduate Studies Institute	Huang, George	\$49,680	The researcher will provide technical analysis and support to the existing efforts in the Control Design and Analysis Branch of Air Force Research Laboratory (AFRL/RQQA).
New Non-Profit Subagreement	Advanced Biomaterials Characterization Techniques at the Interface of Structural Biology and Materials	08/01/2019 11/30/2020	Dayton Area Graduate Studies Institute	Goswami, Tarun Lutz, Anne M	\$44,130	The expected results of this project will be a biocompatible, biodegradable, biomaterial characterization matrix for synthesis, structure, property and application in wound healing that may be utilized by the Air Force.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Subagreement	A Hierarchical and Extendable, Component-based Simulation Tool for Aircraft Thermal Management Systems	08/23/2019 03/02/2020	CFD Research Corporation	Roberts, Rory A. Wolff, J. Mitch	\$42,000	The researchers will develop an open source thermal modeling and simulation tool.
New Federal Grant	Dayton VA Medical Center IPA Agreement - Tamer Abdelrehim	10/01/2019 09/30/2020	Veterans Affairs Medical Center	Adelhakeem Abdelrehim, Tamer Abdelghaffar	\$34,974	Mr. Abdelrehim will be mainly responsible for the development of the research techniques, especially optical and medical imaging technologies.
New Non-Profit Subagreement	Development of a Vehicle Level Integration Tool for Aircraft Energy Management	05/01/2019 11/30/2020	Dayton Area Graduate Studies Institute	Roberts, Rory A.	\$30,240	The goal of this project is to develop a tool that will provide for more intelligent use of the power and thermal capabilities on board an aircraft.
New Industrial Subagreement	Vibration Bending Fatigue Properties of Additively Manufactured Nickel-Based Superalloy 718 with As-Built Surfaces	08/26/2019 05/30/2020	Universal Technology Corporation	Gockel, Joy E.	\$8,900	The researchers will test additively manufactured specimens in vibration fatigue similar to loading in turbine engines.
New Industrial Subagreement	Aerospace Propulsion Outreach Program - Thrust Vectoring	08/01/2019 06/30/2020	Universal Technology Corporation	Roberts, Rory A.	\$3,159	The 2019-2020 Aerospace Propulsion Outreach Program (APOP) research activity requires undergraduate students, working as a team, to research and develop a modification to the JetCat P100-RX engine.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Applied Research						
Amendment Federal Contract	REU Supplement for Collaborative Research: Optimizing Trauma Care Network Design (CMMI#1761009)	09/01/2018 08/31/2021	NSF, Miscellaneous	Parikh, Pratik	\$14,880	The REU supplement will support 2 undergraduate Industrial and Systems Engineering students on the current NSF grant.
New State Grant	Trauma Cost vs. Care: Estimations for Ohio's Current Trauma System and Evaluation of Alternative Configurations	07/30/2019 06/30/2020	Ohio Department of Public Safety	Parikh, Pratik McCarthy, Mary C. Parikh, Priti	\$75,000	The goal of this project is to develop a data-driven, geospatial analysis-based, approach to estimate the cost of care for the current OH's trauma system.
Instruction						
Amendment Educ. Inst. Subagreement	The Ohio LSAMP Alliance	08/01/2019 07/31/2020	Ohio State University	Klingbeil, Nathan W.	\$39,250	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.
Renewal State Subagreement	Ohio Space Grant Consortium Campus Allocation Funds 19-20	09/01/2019 06/19/2020	Ohio Space Grant Consortium	Wolff, J. Mitch	\$2,200	Ohio Aerospace Institute funds will be used to support College of Engineering and Computer Science students affiliated with the Ohio Space Grant Consortium during the 2019-20 academic year.

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Since the September 13, 2019 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Public Service						
New Federal Coop. Agrmt.	Support for 2019 ASM International Teacher's Materials Camp in the Dayton Metro Region	08/12/2019 08/11/2020	DoD, Air Force Office of Scientific Research	Young, Henry Daniel	\$12,600	Funding is requested to partially support the 2019 annual Teacher's Materials Camp located in Dayton, Ohio. The camp is a week-long hands-on experience for K-12 teachers who wish to expand their knowledge and expertise in STEM topics, specifically in the field of Materials Science and Engineering.
Student Aid						
New State Subagreement	Ohio Space Grant Consortium Undergraduate Scholarship - 2019 -2020	08/26/2019 08/25/2020	Ohio Space Grant Consortium	Wolff, J. Mitch	\$20,500	The 2019/2020 Education Scholarship Program funding supports three students in the College of Engineering and Computer Science.
New State Subagreement	OSGC Undergraduate Summer Internships	06/10/2019 08/23/2019	Ohio Space Grant Consortium	Wolff, J. Mitch Roberts, Rory A.	\$14,600	OSGC is providing student university research internships for two senior students.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Liberal Arts						
Public Service						
New State Subagreement	Southwest Ohio Regional Prevention Coordinator Proposal	07/01/2019 06/30/2020	Ohio Department of Job and Family Services	Dockery, Jane L.	\$676,385	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.
Academic Support						
Continuation State Grant	General Operating Support: Art Galleries	07/01/2018 06/30/2019	Ohio Arts Council	Craighead, Daniel J.	\$7,251	This grant will continue to provide partial support for the operation of the University Art Galleries.
Student Aid						
New Educ. Inst. Contract	University of Dayton Roesch Library Archives Public History Internship	08/26/2019 04/24/2020	University of Dayton	Meyer, Kathryn B	\$7,680	The sponsor will provide funds for a Public History intern who will participate in a wide range of archival tasks and projects assigned by the archivists

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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College of Nursing and Health

Basic Research

New Non-Profit Grant	Psychosocial Factors and Prevention of HIV/AIDS Related Risky Sexual Behaviors Among College Students	06/01/2019 05/31/2019	Sigma Theta Tau International	Lee, Yi-Hui	\$5,000	The researcher will investigate the relationships between HIV/AIDS preventive self-efficacy, depression, spiritual well-being, and risk sexual behaviors.
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Science and Mathematics						
Basic Research						
Amendment Industrial Subagreement	Electrical and Optical Characterization	09/01/2016 05/19/2021	Wyle Laboratories	Look, David C.	\$200,546	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 Educ. Inst. Subagreement	Immune Evasion in Aquatic Rhabdoviral Pathogens	07/01/2017 06/30/2020	University of Toledo	Leaman, Douglas	\$143,000	The scientific aim is to understand the innate immune response and virulence of novirhabdoviruses in rainbow trout.
Amendment Educ. Inst. Subagreement	MAVEN Extended Mission Phase E	07/01/2011 12/15/2022	University of Colorado	Fox, Jane Lee	\$90,000	The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.
Continuation Non-Profit Contract	Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands	07/01/2019 06/30/2020	Dairymen's Foundation, Wisconsin	Rooney, Thomas	\$9,000	The WSU researchers are developing a protocol for eradicating the invasive plant garlic mustard.
New Federal Grant	Collaborative Research: Data-driven integration of biological with in-silico experiments to determine mechanistic effects of N- glycosylation on cellular electromechanical functions	08/01/2019 07/31/2023	NSF, Miscellaneous	Bennett, Eric S.	\$773,970	This study is designed to combine cell biological experiments with computer simulation modeling to determine the cellular mechanisms by which acute changes in the ability of heart muscle cell to add/remove sugars from cell proteins directly modulate the ability of that muscle cell to communicate electrically and mechanically.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Federal Contract	Recovering the Sources of Individual Differences Unduly-named Errors (ReSIDUE)	07/26/2019 04/25/2020	DoD, Defense Advanced Research Projects Agency	Juvina, Ion	\$392,258	The researchers will conduct research aimed at enriching AI systems with contextual reasoning capabilities. Humans generate forecasts in rich contexts.
New Industrial Subagreement	Mechanisms of Complex Atomic- to Pore-Scale Geochemical Processes	08/01/2019 08/31/2020	Oak Ridge National Laboratory	Higgins, Steven R.	\$72,000	The goal of this project is to support Hydrothermal Atomic Force Microscopy investigations of the fundamental controls of site densities and rates of heterogeneous nucleation on the surfaces of minerals during mineralization reactions.
New Non-Profit Contract	Cognitive Models of Social Intelligence and Teamwork	05/20/2019 11/30/2019	Wright State Applied Research Corporation	Juvina, Ion	\$28,279	The researchers will provide support on the development of cognitive models that undergird its research efforts to develop AI agents that exhibit social intelligence and teamwork within hybrid human-agent teams.
New Foreign Grant	Synthesis Reaction and Dyeing Properties of Angular Phenoxazine and Their 6-Aryl Derivatives of Benzo [A]Phenoxazin-5-one via Suzuki Miyaura Cross-coupling Reaction.	06/01/2019 05/31/2020	Benue State University	Arumugam, Kuppuswamy	\$8,400	Funds will be used for supplies for Visiting Research Scholar while in Dr. Kuppuswamy's lab.
Renewal Federal Grant	Gene Regulatory Functions for the Nuclear Speckle Protein SON	07/01/2019 06/30/2022	DHHS, National Institute of General Medical Sciences	Bubulya, Paula	\$450,000	The goal of this project is to understand mechanisms for splicing control and chromatin association by Son.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Applied Research						
Amendment Educ. Inst. Subagreement	Strengthening Middle School Science and Health Education by Linking Grade-Level Inquiry and Reading of Complex Tasks	09/01/2019 08/31/2020	University of Missouri	Romine, William L.	\$26,540	The project will integrate science- and health-based text sets into middle school science and English classes, and evaluate their impact on students' ability to comprehend text as well as their motivation to read about science and pursue science careers. This project will also include professional development for teachers, and evaluation of how teachers' practices change as a result of implementing the text sets.
Amendment Educ. Inst. Subagreement	Knauss Marine Policy Fellowship Application	02/01/2019 02/28/2020	Ohio State University	Hammerschmidt, Chad R.	\$5,000	The Knauss Fellowship provides a one-year educational experience in an executive or legislative branch office which expands the fellow's experience with, and knowledge of, the policy-making process within federal agencies and congressional committees dealing with marine and coastal issues.
New Federal Grant	A soil bulk density metric to improve Level 2 assessments of wetland condition	09/01/2019 08/31/2021	U.S. Environmental Protection Agency	Hossler, Kathleen A.	\$54,789	The primary objective of this proposed study is to evaluate soil bulk density as an indicator of wetland soil condition that can be incorporated into rapid wetland assessments.

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Library

Public Service

New Educ. Inst. Subagreement	High School Outreach for Substance Abuse Prevention and Education	05/01/2019 04/30/2020	University of Iowa	Polanka, Sue	\$10,000	Wright State University librarians, along with faculty and graduate students from the Boonshoft School of Medicine and College of Education and Human Services, will partner with local high schools to deliver substance abuse education and health literacy instruction to students in area high schools.
New Non-Profit Grant	Aviation History Outreach Program Kit	07/15/2019 07/14/2020	National Aviation Heritage Area	Dewey, Dawne Stolz, Bill	\$5,000	The researchers will develop aviation history primary resources materials to take to local schools to teach K-12 about Dayton's aviation heritage and using primary sources.

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School of Professional Psychology

Applied Research

New Non-Profit Grant	Breaking Silences Dissemination Impact Project	04/01/2019 03/31/2020	American Psychological Foundation	Barrett, Ellen S Williams, Julie L.	\$6,138	This study seeks to make footage from Wright State's Breaking Silences Conference accessible to audiences with disabilities by uploading video footage to Core Scholar and hiring ASL interpreters. The study will examine viewer reactions to the digital format to determine whether the content reduces stigma surrounding disability and if the online format improves accessibility.
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Instruction

Continuation Industrial Contract	SOPP Internship: CompDrug FY2019	07/01/2018 06/30/2019	CompDrug	Warfield, Janeece	\$16,000	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2018-2019 training year for one doctoral student.
Continuation Other Gov't. Subagreement	SOPP Internship: Summit BHC FY2019	07/01/2018 06/30/2019	Summit Behavioral Healthcare	Warfield, Janeece	\$16,000	The sponsor will provide training and fiscal reporting for external rotations in the SOPP doctoral internship program for the 2018-2019 training year.
Continuation Other Gov't. Contract	SOPP Internship: Miami County Juvenile Court FY 2020	07/01/2019 06/30/2019	Miami County Juvenile Court	Warfield, Janeece	\$16,000	The sponsor will provide training and support for external rotations in the SOPP Predoctoral Internship program during the 2019-2020 training year.
Continuation Industrial Contract	SOPP Internship: CompDrug FY 2020	07/01/2019 06/30/2019	CompDrug	Warfield, Janeece	\$16,000	The sponsor will provide training and support for external rotations in the SOPP Predoctoral Internship program during the 2019-2020 training year.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Other Gov't. Subagreement	SOPP Internship: Summit Behavioral Healthcare FY 2020	07/01/2019 06/30/2019	Summit Behavioral Healthcare	Warfield, Janeece	\$16,000	The sponsor will provide training and support for external rotations in the SOPP Predoctoral Internship program during the 2019-2020 training year.
Public Service						
New Other Gov't. Contract	Parents Early Childhood Education - Positive Action Choices Training (PECE-PACT)	07/01/2019 06/30/2020	Montgomery County ADAMH Services Board	Warfield, Janeece	\$69,288	This program will continue to provide a comprehensive range of services to Head Start youngsters and their families in order to develop child and parent resiliency skills.
Student Aid						
Continuation Other Gov't. Subagreement	SOPP Practicum Training: Summit Behavioral Health: FY2020	07/01/2019 06/30/2020	Summit Behavioral Healthcare	Schultz, Michelle S.	\$9,000	The sponsor will provide direct services training for two (2) doctoral students.
New Educ. Inst. Contract	SOPP Practicum: University of Cincinnati FY2020	07/01/2019 06/30/2020	University of Cincinnati	Schultz, Michelle S.	\$16,300	The sponsor will provide direct client services training for one SOPP practicum student.
New Non-Profit Agreement	SOPP Practicum Training - South Community Mental Health Center - FY2020	07/01/2019 06/30/2020	South Community Mental Health Center	Schultz, Michelle S.	\$16,000	The sponsor will provide direct client services training for four (4) doctoral students.
New Non-Profit Contract	SOPP Practicum Training FY20 - University of Dayton Counseling Center	08/01/2019 05/30/2020	University of Dayton Counseling Center	Schultz, Michelle S.	\$12,400	The sponsor will provide direct client services training for two SOPP practicum students.

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New Industrial Agreement	SOPP Practicum: Cordell Associates, LLC FY2020	07/01/2019 06/30/2020	Cordell & Associates	Schultz, Michelle S.	\$12,000	The sponsor will provide direct client services training for two SOPP practicum students.
New Non-Profit Agreement	SOPP Practicum: Hearthstone Psychology FY2020	07/01/2019 06/30/2020	Hearthstone Psychology	Schultz, Michelle S.	\$10,000	The sponsor will provide direct and indirect client services training for 2 doctoral student.
New Non-Profit Agreement	SOPP Practicum: Court Clinic Forensic Services FY2020	07/01/2019 06/30/2020	Court Clinic Forensic Services	Schultz, Michelle S.	\$9,000	The sponsor will provide direct and indirect client services training for 1 doctoral student.
New Other Gov't. Agreement	SOPP Practicum: Center for Adolescent Services FY2020	07/01/2019 06/30/2019	Center for Adolescent Services	Schultz, Michelle S.	\$9,000	The sponsor will provide direct client services training for two SOPP practicum students.
New Industrial Agreement	SOPP Practicum: Kline and Associates - FY20	07/01/2019 06/30/2020	Kline and Associates	Schultz, Michelle S.	\$8,000	The sponsor will provide direct client services training for 2 (two) doctoral students.
New Industrial Agreement	SOPP Practicum Training: Central Clinic: FY2020	07/01/2019 06/30/2020	Central Clinic	Schultz, Michelle S.	\$8,000	The sponsor will provide direct client services training for one (1) doctoral student.
New Non-Profit Agreement	SOPP Practicum Training: New Creations Counseling Center FY20	07/01/2019 06/30/2020	New Creations Counseling Center	Schultz, Michelle S.	\$7,000	The sponsor will provide direct client services training for one (1) doctoral student.
New Industrial Agreement	SOPP Practicum: New Creations Counseling Center FY2020	07/01/2019 06/30/2020	Self Matters LLC	Schultz, Michelle S.	\$2,400	The sponsor will provide direct client services training for 1 (one) doctoral student.

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Student Affairs

Institutional Support

Continuation Educ. Inst. Grant	Wright State Men's Basketball Improvement Fund FY2020	07/01/2019 06/30/2020	Horizon League	Brown, Joylynn M. Hill, Sara Jane	\$56,667	Wright State University received funds from the sponsor's men's basketball improvement fund to improve/enhance the University's men's basketball program.
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Student Aid

Continuation Educ. Inst. Grant	Student Athlete Opportunity Funds 2019-2020	09/01/2013 08/31/2020	Horizon League	Hill, Sara Jane	\$223,910	The SAOF fund is intended to provide direct benefits to student athletes or their families as determined by conference offices.
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Universitywide						
Public Service						
Amendment State Contract	Ohio Articulation and Transfer	01/05/2011 06/30/2019	Ohio Department of Higher Education	Edwards, Sue	\$6,000	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.
New State Subagreement	Ohio Mathematics Bridges to Success	06/13/2019 12/31/2019	Ohio Department of Higher Education	Brun, Carl F.	\$30,000	These funds will be used to support training of mathematics faculty through the Ohio Mathematics Initiative.
Student Services						
Amendment Federal Grant	ACHIEVE: A Chance to Have and Improve the Experience and Value of Education	10/01/2019 09/30/2020	U.S. Department of Education	Sanders, Donikea R	\$194,816	The renewal project will continue to increase access to postsecondary education for low-income student parents through the provision of child care services at Mini University.
Student Aid						
Continuation Federal Grant	PELL Grant Program 2019/2020	04/01/2019 06/30/2020	U.S. Department of Education	Barnhart, Amy	\$1,222,942	These funds support PELL grants for students.
Continuation Non-Profit Subagreement	Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2019/2020	07/01/2019 06/30/2020	American Society for Engineering Education	Everhart, Kim	\$150,405	The SMART Scholarship recipients will collaborate with their mentors to support the AFRL/HE Human Measurement and Signal INTelligence (H-MASINT) program.

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Continuation State Subagreement	GEAR UP Scholarship	07/01/2019 06/30/2020	Ohio Department of Higher Education	Sanders, Donikea R	\$14,600	Funds will support scholarships for Wright State University students participating in the US Department of Education's GEAR UP program.

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VP for Research and Dean of the Graduate School						
Basic Research						
Amendment Federal Contract	Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)	07/11/2019 07/31/2020	DoD, Air Force, Air Force Research Laboratory	Gross, David C.	\$1,800,000	The focus of this extension is to use the Vigilant Spirit Control Station to research, develop, integrate, and evaluate advanced controls and displays which enable a single operator to control multiple RPAs.
Applied Research						
Non-Profit	WSARC/WSRI Collaborative Project		Wright State Applied Research Corporation	Andersh, Dennis J.	\$4,694,017	These funds denote the portion of the FY20 WSRC funding portfolio recorded through the month of August 2019.
Public Service						
Amendment Non-Profit Subagreement	Wright Brothers Institute Operations	07/01/2017 09/30/2019	Wright Brothers Institute, Inc.	Jackson, Paul	\$84,289	Wright State University will provide personnel to manage and assist in the operations of the Wright Brother Institute.
Total Funded					\$22,793,424	