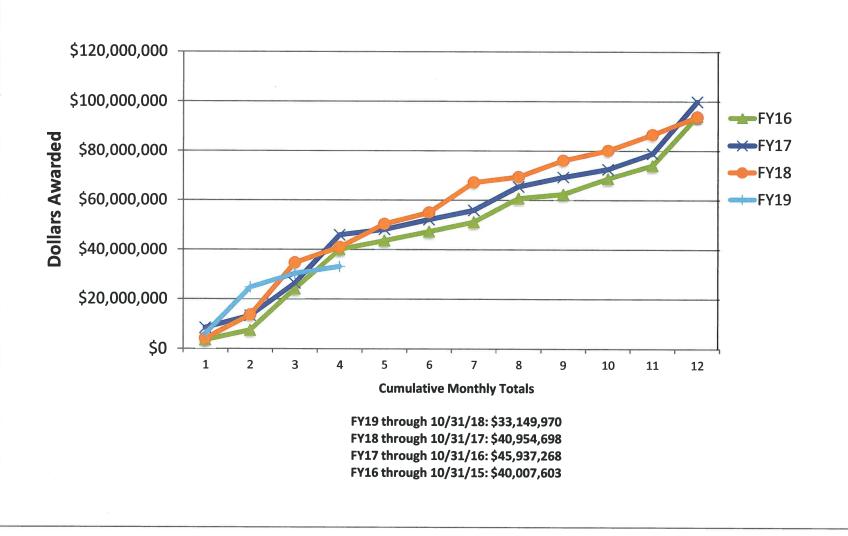
# WRIGHT STATE UNIVERSITY Cumulative Grant and Contract Awards Comparison with Previous Three Fiscal Years through October



## WRIGHT STATE UNIVERSITY GRANT AND CONTRACT AWARDS

#### PREPARED FOR BOARD OF TRUSTEES MEETING December 14, 2018\*

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TYPE	NEW AWARDS		ONGOING	AWARDS**	TOTAL	AWARDS
	Number	Dollars	Number	Dollars	Number	Dollars
Research	12	\$1,468,442	23	\$2,907,689	35	\$4,376,132
Instruction	7	\$196,000	2	\$82,200	9	\$278,200
Institutional Support	1	\$4,999	3	\$314,167	4	\$319,166
Public Service	2	\$72,088	2	\$310,500	4	\$382,588
Student Aid	10	\$165,070	2	\$573,500	12	\$738,570
TOTAL	32	\$1,906,599	32	\$4,188,056	64	\$6,094,656

<sup>\*</sup> Figures include total support for awards made since the October 2018 Board of Trustees Meeting.

<sup>\*\*</sup> Ongoing awards include renewals, continuations, supplements and amendments. This report was prepared by the Office of Research and Sponsored Programs.

#### Grants and Contracts Awarded

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Boonshoft	School of Medic	cine				
u.			Basi	c Research		
Amendment Educ. Inst. Subagreement	Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk	09/01/2018 09/30/2018	University of Texas Health Science Center at Houston	Ebert, James Ray	\$14,800	This project will investigate the use of chromosomal telomere length and telemerase activity as biomarkers of human body composition, adiposity, and as overall metabolic risk factors.
Amendment Non-Profit Agreement	Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis	03/01/2018 04/30/2019	National Academy of Sciences	Elbasiouny, Sherif M.	\$5,624	This project aims to combine computational modeling with animal experiments to identify early irregular patters in nerve recordings fo early diagnosis of Amyotrophic Lateral Sclerosis.
Amendment Non-Profit Subagreement	Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis	03/01/2018 04/30/2019	National Academy of Sciences	Elbasiouny, Sherif M.	\$2,347	This project aims to combine computational modeling with animal experiments to identify early irregular patters in nerve recordings fo early diagnosis of Amyotrophic Lateral Sclerosis.
Continuation Federal Grant	Sisterline: Substance Abuse Treatment and HIV Prevention for African-American Women at High Risk for HIV/AIDS in Montgomery County, OH	09/30/2018 09/29/2019	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$499,971	The purpose of the Sisterline Project is to expand and enhance substance abuse treatment and HIV prevention intervention services for African American women (ages 18 years and older) in Montgomery County, OH, who have substance use or co-occurrin substance use and mental health disorders and are living with or at risk for HIV.

### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Microvesicles as a Novel Transmitter for UVB-Induced Bioactive Products	08/01/2018 07/31/2019	DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases	Bihl, Ji Chen Chen, Yanfang Travers, Jeffrey B.	\$162,800	This project is designed to test the hypotheses that: 1) UVB generates MVP in human skin via a process blocked by antioxidants and PAF-R antagonists; 2) UVB-MVP contain potent signaling molecules that could explain systemic effects of UVB.
Continuation Federal Grant	Role of Slc12a5 in insulin secretion and glucose homeostasis	07/01/2018 06/30/2019	DHHS, National Institute of Diabetes and Digestive and Kidney Diseases	Di Fulvio, Mauricio	\$131,250	The researchers will demonstrate whether insulin secretion and glucose handling can be modulated by pharmacological agents targeting a chloride transporter recently discovered in insulin-secreting cells. This study has potential clinical implications for the management of diabetes.
Continuation Federal Grant	Mechanisms of Microsatellite Instability in Human Disease	09/01/2018 08/31/2019	DHHS, National Institute of General Medical Sciences	Leffak, I. Michael	\$120,000	In this project researchers will characterize DNA breakage at microsatellites implicated in human disease, during normal replication and during therapies that target DNA structure.
Supplement Industrial Agreement	Biopsy Study	10/27/2017 10/26/2018	Devicor Medical Products, Inc.	Dudley, Emily S.	\$10,501	Wright State University will support the testing of biopsy devices.
			Appli	ed Research		
Amendment Federal Contract	Laboratory Animal Resources Care	09/30/2018 09/29/2019	Veterans Affairs Medical Center	Travers, Jeffrey B.	\$19,200	Dr. Travers will maintain breeding colonies for his VA study.

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Non-Profit Agreement	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2018 07/31/2019	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$6,774	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.
New Federal Grant	Day-TREE	09/30/2018 09/29/2019	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$540,463	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.
New State Grant	Allocation of Trauma Resources in the State of Ohio: A Data Driven Approach for Current Assessment and Benchmarking	07/17/2018 06/30/2019	Ohio Department of Public Safety	Parikh, Priti Parikh, Pratik	\$84,182	In this project the researchers will identify and assess performance improvement activities performed by various EMS agencies throughout the state, and benchmark the optimal EMS resources regionally and at the county level based on the triage performances.
Supplement Industrial Subagreement	CTRA - TOUR	08/04/2016 12/31/2017	Theravance, Inc.	Polenakovik, Hari M.	\$2,500	Clinical trial registry.
			In	struction		
Continuation State Grant	Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD	07/01/2018 06/30/2019	Ohio Department of Developmental Disabilities	Gentile, Julie P.	\$80,000	This funding will provide FY2018-FY2019 funds for a faculty position for training in psychiatric services to the mentally disabled.

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Other Gov't. Contract	Child Psychiatric Placements	07/01/2018 06/30/2019	Montgomery County ADAMH Services Board	Mast, Ryan C.	\$75,000	The ADAMHS funds support stipends for child and adolescent psychiatry residents.
New State Grant	Child and Adolescent Psychiatry	07/01/2018 06/30/2019	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.
New Other Gov't. Contract	Mental Illness - Intellectual Disability Residency Placements	07/01/2018 06/30/2019	Montgomery County ADAMH Services Board	Gentile, Julie P.	\$30,000	The Professorship supports a faculty position through Wright State Psychiatry to provide clinical services and supervision of psychiatry residents and medical students in a CMHC focused on Intellectual Disability.
New State Grant	Adult General Psychiatry	07/01/2018 06/30/2019	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.
New State Grant	Community General Psychiatry	07/01/2018 06/30/2019	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.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New State Grant	Rural General Psychiatry	07/01/2018 06/30/2019	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.
			Pub	lic Service		
Continuation State Grant	Ohio's Telepsychiatry Project	07/01/2018 06/30/2019	Ohio Department of Developmental Disabilities	Gentile, Julie P. Cowan, Allison Harper, Bethany L. Mast, Ryan C. Merrill, Brian M. Gainer, Danielle M	\$225,000	This project will expand the existing tele- psychiatry program to serve Medicaid-eligible individuals with intellectual disability and co- occurring mental illness throughout Ohio.
Renewal State Subagreement	Ohio's Coordinating Center of Excellence in Mental Health/Intellectual Disability	07/01/2018 06/30/2019	Ohio Department of Mental Health and Addiction Services	Gentile, Julie P.	\$85,500	This project provides statewide educational programming, coordination of community Dual Diagnosis Intervention Teams throughout the state, and administrative services to improve mental health care for individuals with co-occurring mental illness and intellectual disabilities.

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract				
	Academic Support									
Amendment Federal Grant	Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO	10/01/2017 09/30/2018	National Aeronautics and Space Administration	Jarnot, Thomas F.	\$95,000	The purpose of the project is to provide and maintain a residency training program in the field of Aerospace Medicine with the intent of graduating physicians becoming Board certified, therefore qualifying to be employed by NASA as flight surgeons to care for the astronaut population.				
Supplement Federal Grant	Accelerating Primary Care Transformation Wright (APCT-Wright)	07/01/2018 06/30/2019	DHHS, Health Resources and Services Administration	Binder, Stephen Bruce Bowman, Marjorie A.	\$100,000	This supplement will allow for the development of curriculum to introduce and emphasize the diagnosis, prevention and treatment of opioid use disorder, emphasizing MAT, into the core curriculum of the medical education program. This will also fund additional MAT buprenorphine trainings for opioid treatment.				

#### **Grants and Contracts Awarded**

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of	Engineering and	d Compute	er Science			
			Basi	c Research		
Amendment Federal Contract	SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)	03/31/2016 01/04/2021	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M.	\$442,000	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 Contract	Sensor and Information Research Center for Understanding Systems (SIRCUS)	02/27/2015 03/30/2021	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Garber, Fred D. Saville, Michael Ash, Joshua Noel Wischgoll, Thomas Rizki, Mateen M.	\$85,500	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 Non-Profit Subagreement	Multi-Fidelity Analysis Methods for Multidisciplinary Design Optimization	05/01/2017 11/21/2019	Dayton Area Graduate Studies Institute	Roberts, Rory A. Lautzenhiser, Margaret R	\$52,260	The researchers will work on the development of transient design optimization methodology for air vehicles with implicit path dependent behavior in the time domain.
Amendment Educ. Inst. Subagreement	Probabilistic Design Criteria for Decision Making with Uncertainty	10/01/2017 09/30/2018	University of Dayton	Bae, Harok	\$20,000	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.
Continuation Federal Grant	Managing Dementia through a Multisensory Smart Phone Application to Support Aging in Place	09/01/2018 08/31/2019	DHHS, National Library of Medicine	Banerjee, Tanvi	\$171,298	The researchers will be addressing the central problem of deriving actionable information from health sensor data by adapting a system comprising a smart mobile application with sensors.

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Federal Contract	Cerebral Hemodynamic Studies of Hypoxia and Fatigue	09/30/2018 09/29/2020	DoD, National Naval Medical Center	Sherwood, Matthew Scott	\$500,797	The proposed effort will examine blood oxygen level dependent (BOLD) activity, and blood flow velocity and volume in the brain via functional magnetic resonance imaging (fMRI) before, during, and after exposure to hypoxic stress.
New Industrial Subagreement	Collaborative Communication Interruption Management System (C-CIMS)	09/01/2018 04/30/2019	Ball Aerospace	Pei, Yong	\$7,860	The researchers will design a real-time system that can accurately detect points of interruptibility within human-machine teaming interactions.
New Industrial Subagreement	Design and Fabrication of an External Combustor for a JetCat Turbojet Engine	08/01/2018 06/30/2019	Universal Technology Corporation	Roberts, Rory A.	\$2,273	A team of undergraduate Mechanical and Material Engineering students will design and fabricate an external combustor for a JetCat P80SE gas turbine engine.
Supplement Educ. Inst. Subagreement	Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression	08/10/2018 06/30/2019	Cornell University	Sheth, Amit	\$29,958	The WSU researchers will analyze imaging and unstructured text data from user tweets for detecting individual depressive symptoms.
			Appli	ed Research		
Continuation Educ. Inst. Subagreement	Refinement of OSU's Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears	01/01/2014 07/31/2019	Ohio State University	Li, Sheng	\$60,000	The WSU researcher will work to enhance and optimize existing scuffing models of The Ohio State University (OSU) developed for point contacts of rough surfaces (roller-to-roller or ball-on-disk) and gear pairs.

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Subagreement	Models of Component Demands from Fleets Supported by Reliability Information	05/01/2018 09/01/2018	MacAulay-Brown, Inc.	Ciarallo, Frank W.	\$101,250	This subcontract work supports understanding of reliability of Air Force systems through the Science of Test Research Consortium. Wright State researchers will be supporting work of the consortium in understanding the relationship between reliability of systems/components and operational activity.
New Industrial Subagreement	EPOC: Efficient Power Controller for Small Unmanned Air Vehicles	07/13/2018 04/13/2018	Intelligent Automation, Inc.	Lieh, Junghsen	\$45,000	The researchers will develop a hybrid electric propulsion system for small unmanned air vehicles.
New Industrial Subagreement	Dynamic Collaborative Visualization Ecosystem (DynaCoVE)	07/25/2018 01/24/2019	Universal Technology Corporation	Wischgoll, Thomas	\$30,000	WSU will aid in the development of a meta- visualization graph framework to drive interactive visual analytics across multiple display technologies.
New Industrial Subagreement	Autonomous Remote Piloted Cirrus SR22 Aerial Surveillance Platform and Personnel Air Vehicle "Air Uber" System	08/01/2018 01/31/2020	Industrial, Corporations, Companies, Miscellaneous	Pei, Yong	\$10,000	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.
			In	struction		
Renewal State Subagreement	Ohio Space Grant Consortium Campus Allocation Funds 18 -19	09/01/2018 08/31/2019	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 2018-2019 academic year.

# December 14, 2018 Wright State University Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
			St	udent Aid		
Continuation State Subagreement	Ohio Space Grant Consortium Undergraduate Scholarship - 2018 -2019	08/28/2018 08/27/2019	Ohio Space Grant Consortium	Wolff, J. Mitch	\$8,000	The 2018/2019 Education Scholarship Program funding supports three students in the College of Engineering and Computer Science.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of	Nursing and Hea	alth		_		
			Basi	ic Research		
New Non-Profit Grant	Pilot Testing of the PEERS PLUS Intervention for At-risk Beginning Baccalaureate Nursing Students	06/30/2018 06/30/2020	Ohio Council of Deans and Directors	Eustace, Rosemary	\$2,000	The proposed peer mentoring (PEERS PLUS – Peers Engage, Empower, Retain, Success Plus Student Success Coordinator) intervention is a potential promising strategy for at-risk beginning baccalaureate nursing students' academic performance and retention attending a 4 year public university
			Pub	olic Service		
New State Subagreement	Military Medic Training and Nursing Transition Course		Ohio Department of Higher Education	Smith, Sherrill Jeanne	\$2,800	The PI will assist the sponsor in exploring military medic coursework and its potential alignment with nursing programs, for the purposes of awarding college credit for military training, experience, and coursework.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of	Science and Ma	thematics				
			Basi	c Research		
Amendment Educ. Inst. Subagreement	MAVEN Extended Mission Phase E	10/01/2018 12/15/2018	University of Colorado	Fox, Jane Lee	\$30,000	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	07/01/2018 06/30/2019	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	EAGER Collaborative: >100 GHz Optical Clocking using Self- Modulation of Co- Tunneling Light Emitters	09/01/2018 02/29/2020	NSF, Miscellaneous	Brown, Elliott	\$90,000	The project proposes to develop a 1550 nm RTD-based laser diode for an optical "clock" with bandwidth that could possibly exceed 100 GHz.
New Educ. Inst. Subagreement	Intelligent Diagnostic Assessment Platform for School Statistics Education	09/01/2018 08/31/2019	University of Notre Dame	Kaminski, Jennifer A.	\$54,617	The project will develop a computerized assessment of students' learning of school statistics. The system will assess students' knowledge and provide individualized feedback and learning material in real time.

# December 14, 2018 Wright State University Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Library		MARKET VI		_		
			Institu	ıtional Support		
New State Subagreement	Conservation Treatment of Wright Brothers Collection Artifacts	11/01/2018 09/30/2019	State Library of Ohio	VandenBos, Toni Dewey, Dawne	\$4,999	The project is to fund conservation treatment for three to four high profile, heavily used, and irreplaceable items in the Wright Brothers Collection housed in Special Collections and Archives.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract			
Raj Soin College of Business									
			St	udent Aid					
New State Grant	Short Term Certificate Grant Program	08/31/2018 12/31/2020	Ohio Department of Higher Education	Traynor, Thomas L.	\$50,000	Funds will support student completion of short term certificate programs housed in the Raj Soin College of Business.			

#### Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
School of	Professional Psy	chology				
			ln:	struction		
New Industrial Agreement	SOPP Practicum: Central Clinic FY2019	07/01/2018 06/30/2019	Central Clinic	Schultz, Michelle S.	\$16,000	The sponsor will provide supervision, and direct and indirect client services training for two doctoral students.
			Pub	lic Service		
New Other Gov't. Contract	PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training	07/01/2018 06/30/2019	Montgomery County ADAMH Services Board	Warfield, Janeece	\$69,288	The FY2019 PECE-PACT 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.
			Sto	udent Aid		
New Non-Profit Agreement	SOPP Practicum: Children's Hospital Medical Center - Center for ADHD FY2019	07/01/2018 06/30/2019	Children's Hospital Medical Center (Cincinnati)	Schultz, Michelle S.	\$30,000	The sponsor will provide direct client service training for two SOPP practicum students.
New Non-Profit Contract	SOPP Practicum: South Community MHC FY2019	07/01/2018 06/30/2019	South Community Mental Health Center	Schultz, Michelle S.	\$24,000	The sponsor will provide direct and indirect client services training for six SOPP doctoral students.
New Non-Profit Agreement	SOPP Practicum: CHC of Greater Dayton FY2019	07/01/2018 06/30/2019	Community Health Centers of Greater Dayton	Schultz, Michelle S.	\$18,000	The sponsor will provide direct client service training for five SOPP doctoral students.
New Other Gov't. Agreement	SOPP Practicum: Center for Adolescent Services FY2019	07/01/2018 06/30/2019	Center for Adolescent Services	Schultz, Michelle S.	\$9,000	The sponsor will provide direct client service training for two SOPP practicum students.

# December 14, 2018 Wright State University Grants and Contracts Awarded

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Agreement	SOPP Practicum: CompDrug FY2019	07/01/2018 06/30/2019	CompDrug	Schultz, Michelle S.	\$8,320	The sponsor will provide direct client services training for one SOPP doctoral student.
New Educ. Inst. Contract	SOPP Practicum: Miami University FY2019	08/01/2018 05/30/2019	Miami University	Schultz, Michelle S.	\$7,400	The sponsor will provide direct client services training for one SOPP practicum student.
New Industrial Agreement	SOPP Practicum: Kline and Associates FY2019	07/01/2018 06/30/2019	Kline and Associates	Schultz, Michelle S.	\$2,500	The sponsor will provide direct and indirect client services training for one SOPP doctoral student.
New Industrial Agreement	SOPP Practicum: Self Matters FY2019	07/01/2018 06/30/2019	Self Matters LLC	Schultz, Michelle S.	\$2,400	The sponsor will provide direct and indirect client services training for one SOPP doctoral student.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Student A						
			Institu	itional Support		
Continuation Educ. Inst. Grant	Wright State Men's Basketball Improvement Fund FY2019	07/01/2018 06/30/2019	Horizon League	Brown, Joylynn M. Hill, Sara Jane	\$119,167	Wright State University received funds from the sponsor's men's basketball improvement fund to improve/enhance the University's men's basketball program.

#### December 14, 2018

#### Wright State University

#### **Grants and Contracts Awarded**

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
<u>University</u>	wide			-		
			St	udent Aid		
Continuation State Contract	Wright State Choose Ohio First Program	07/01/2018 06/30/2019	Ohio Department of Higher Education	Sudkamp, Thomas A.	\$565,500	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 STEMM areas needed by industry.
New State Subagreement	GEAR UP Scholarship	07/01/2018 06/30/2019	Ohio Department of Higher Education	Martin, Bryan M.	\$13,450	Funds will support scholarships for Wright State University students participating in the US Department of Education's GEAR UP program.

Туре	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
VP for Res	search and Dean	of the Gra	duate School			
			Basi	c Research		
Amendment Federal Contract	Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)	09/22/2011 10/14/2019	DoD, Air Force, Air Force Research Laboratory	Gross, David C.	\$97,500	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.
			Applie	ed Research		
Non-Profit	WSARC/WSRI Collaborative Project		Wright State Applied Research Corporation	Andersh, Dennis J.	\$923,526	This project denotes the portion of the FY19 WSARC funding portfolio recorded through the month of October 2018.
Amendment Educ. Inst. Subagreement	Creating Surgical Capabilities for Exploration Space Flight	10/01/2018 09/30/2019	Baylor College of Medicine	Broderick, Timothy J.	\$10,880	Determine efficacy of humanoid robotic operators as assistants in space flight surgeries. Performance evaluations will be made with humanoid robots using surgical tools, receiving commands, and performing surgical tasks.
				Total Fundad	\$6,004,656	