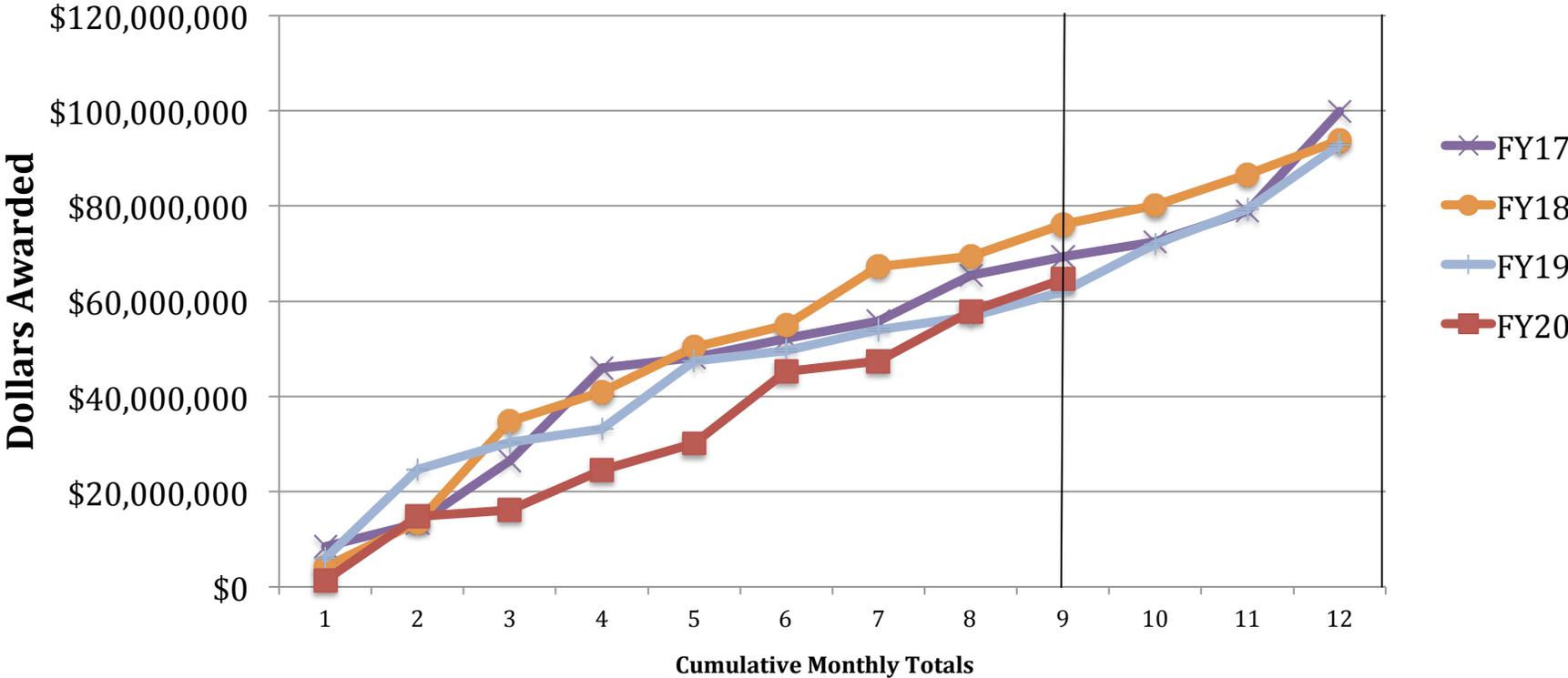


WRIGHT STATE UNIVERSITY
Cumulative Grant and Contract Awards
Comparison with Previous Three Fiscal Years through March



FY20 through 3/31/20: \$64,557,011
FY19 through 3/31/19: \$62,077,413
FY18 through 3/31/18: \$76,098,090
FY17 through 3/31/17: \$69,326,065

**WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS**

**PREPARED FOR
BOARD OF TRUSTEES MEETING
May 1, 2020***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	18	\$2,005,677	19	\$8,416,854	37	\$10,422,531
Instruction	4	\$252,814	2	\$5,863,390	6	\$6,116,204
Institutional Support	0		2	\$263,004	2	\$263,004
Public Service	7	\$295,544	3	\$926,592	10	\$1,222,136
Student Aid	0		3	\$1,277,718	3	\$1,277,718
TOTAL	29	\$2,554,035	29	\$16,747,558	58	\$19,301,593

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

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

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

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
-------------	--------------	-----------------	----------------	------------------------	---------------	-----------------

Boonshoft School of Medicine

Basic Research

Continuation Federal Grant	Platelet Activating Factor and Epidermal Cytotoxicity	01/01/2020 11/30/2020	DHHS, National Heart, Lung, and Blood Institute	Travers, Jeffrey B.	\$375,000	The researchers aim to address knowledge gaps and generate new therapeutic approaches for environmental injuries.
Continuation Federal Grant	Exosomes from miR- primed endothelial progenitor cells for treating ischemic stroke	02/01/2020 01/31/2021	DHHS, National Institute of Neurological Disorders and Stroke	Bihl, Ji Chen Chen, Yanfang	\$328,125	The researchers propose to reach the goal by using endothelial progenitor cell-released exosomes carrying microRNA-126 and microRNA-210 to treat ischemic stroke.
Continuation Federal Grant	DNA damage response kinase signaling in non- replicating human cells and tissues	02/01/2020 01/31/2021	DHHS, National Institute of General Medical Sciences	Kemp, Michael	\$294,000	The researchers will examine the function of an important regulator of the DNA damage response in human cells and tissues, which is relevant to cancer development and treatment, drug toxicity, and aging.
Continuation Federal Grant	Signaling Mechanism of the DNA Replication Checkpoint	02/01/2020 01/31/2021	DHHS, National Institute of General Medical Sciences	Xu, Yong-Jie	\$259,000	The proposed research is relevant to part of the NIH's mission that pertains to the developing fundamental knowledge that will help to reduce the burdens of human disability.
Continuation Industrial Contract	Biopsy Study	09/26/2019 12/18/2019	Devicor Medical Products, Inc.	Dudley, Emily S.	\$11,063	Wright State University will support the testing of biopsy devices.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	Pharmacokinetics of Oral L-citrulline in Infants at High Risk of Developing Pulmonary Hypertension Associated with Bronchopulmonary Dysplasia	08/05/2019 06/30/2020	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.
Supplement Federal Grant	Impact of Calcineurin Inhibitors on Kidney Function	02/20/2020 08/31/2020	DHHS, National Institute of Diabetes and Digestive and Kidney Diseases	Williams, Clintoria	\$42,874	The results of this project will determine if voclosporin is more selective for the beta isoform than current general inhibitors using established enzymatic, molecular and cellular techniques.
Applied Research						
Amendment Industrial Agreement	CTRA - MAVIS	11/04/2015 12/31/2020	Polynoma LLC	Travers, Jeffrey B.	\$208,614	CTRA - MAVIS
Amendment Industrial Contract	CTRA - ODYSSEY EXTENSION	12/03/2018 12/31/2022	Regeneron Pharmaceuticals Inc.	Daniels, Jennifer L	\$45,900	CTRA - ODYSSEY EXTENSION
Amendment Non-Profit Subagreement	CTRA - STOP2	08/14/2017 12/31/2020	Seattle Children's Hospital	Polenakovik, Hari M.	\$20,435	CTRA - STOP2
Amendment Non-Profit Agreement	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2019 12/31/2019	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$3,580	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.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Federal Grant	Veterans Affairs Medical Center IPA Agreement - Knisely	10/01/2019 12/31/2019	Veterans Affairs Medical Center	Knisely, Christina B	\$17,483	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 Federal Grant	The Offender Reentry Program	01/15/2020 01/14/2021	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$424,945	The researchers have designed the study to decrease recidivism rates in the county and reduce substance use while improving quality of life for adults reentering the community from incarceration.
New Industrial Subagreement	CTRA - EPILEPSY	09/26/2019 12/31/2023	NCGS, Inc.	Phillips, Barbara L	\$191,249	CTRA - EPILEPSY
New Industrial Contract	CTRA - CHARM	07/31/2019 12/31/2023	Biogen MA, Inc	Terry, John B.	\$97,041	CTRA - CHARM
New Industrial Grant	CTRA - INFINITY	06/11/2019 12/31/2022	Advanced Neuromodulation Systems Inc.	Gaudin, Daniel	\$21,924	CTRA - INFINITY
Instruction						
Continuation State Grant	Clinical Teaching Subsidy	07/01/2019 06/30/2021	Ohio Department of Higher Education	Paul, Kimberly A.	\$5,721,660	This project will support WSU Clinical Teaching Program.
Continuation State Grant	Geriatric Medicine Program	07/01/2019 06/30/2021	Ohio Department of Higher Education	Paul, Kimberly A.	\$141,730	This researchers will support the geriatric medicine program.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New State Grant	Promoting Engagement for Safe Tapering of Opioids (PRESTO)	01/20/2020 06/30/2020	Ohio Department of Higher Education	Hershberger, Paul J. Crawford, Timothy Bricker, Dean	\$181,847	The researchers propose to develop and test a protocol, based on the Motivational Interviewing (MI) approach, designed to give Primary Care Providers an outline for dialog with patients that will foster motivation for commitment to tapering opioid prescriptions.
New Educ. Inst. Subagreement	Diabetes Consortium	07/03/2019 06/30/2020	Case Western Reserve University	Lamb, James F Solomon, Glen D.	\$39,967	The researchers will work within the consortium to (1) improve clinician knowledge on evidence-based practices to treat diabetes in adults and adolescents, focus on health equity, and address social determinants of health.
New State Subagreement	Wright MAT Train the Trainer Project	05/01/2019 04/30/2020	Ohio Department of Mental Health and Addiction Services	Hershberger, Paul J. Leeds, Frederic Stuart	\$15,000	The researchers will train two waived physicians of the WSU Boonshoft School of Medicine to become Course Instructors for MAT Waiver Training to sustain waiver training for residents as part of the residency curricula.
Public Service						
Continuation State Subagreement	GPRA Training, Data Collection and Reporting for the Ohio State Opioid Response (SOR) Project	09/30/2019 09/29/2020	Ohio Department of Mental Health and Addiction Services	Kinzeler, Nicole	\$738,521	WSU SARDI will assist with the Ohio State Opiate Response (SOR) Project by providing GPRA training, data collection, and drafting reports.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation State Subagreement	GPRA Training, Data Collection, and Reporting for the Ohio Medication Assisted Treatment - Prescription Drug and Opioid Addiction (Ohio MAT PDOA) Project	09/30/2019 09/29/2020	Ohio Department of Mental Health and Addiction Services	Kinzeler, Nicole	\$153,071	The Wright State University's Substance Abuse Resources and Disability Issues (SARDI) program will collaborate with OhioMHAS staff and project partners to provide GPRA training to healthcare providers and other staff receiving funding from their local ADAMHS board, and will conduct data collection and provide routine reports to evaluate the effectiveness of the MAT-PDOA program at reaching its goals and objectives.
Continuation Other Gov't. Subagreement	Project Save Evaluation	10/01/2019 09/30/2020	Montgomery County ADAMH Services Board	Kinzeler, Nicole Paton, Sara J.	\$35,000	Wright State University will provide evaluation and reporting for the SAMHSA funded Project Save Grant.
New Other Gov't. Contract	Kinship Navigator Consortium FY 2020	01/01/2020 12/31/2020	Montgomery County Department of Job and Family Services	Duby, John C.	\$90,964	These funds provide continued funding of the Kinship Navigator Program in Montgomery County.
New State Grant	Ohio's Coordinating Center of Excellence in Mental Health/Intellectual Disability	07/01/2019 06/30/2020	Ohio Department of Mental Health and Addiction Services	Gentile, Julie P. Cowan, Allison	\$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.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Other Gov't. Subagreement	Dayton Police Department (DOD) Mental Health Awareness Training Grant	10/18/2019 10/01/2021	City of Dayton, Miscellaneous	Gentile, Julie P.	\$27,185	The purpose of the DPD-MHAT project is to provide CIT training to DPD officers, Dayton Public Library staff, RTA bus drivers, VA hospital staff, hospital ED staff, business people, and city workers who interact frequently with individuals with SMI and SED and to provide peer support training for DPD staff and interested community stakeholders.
New Other Gov't. Subagreement	Dayton Police Department (DOD) Mental Health Awareness Training Grant	10/18/2019 10/01/2021	Dayton Police Department	Kinzeler, Nicole	\$24,975	The SARDI staff will conduct process and outcome evaluation of the Dayton Police Department MHAT grant.
Academic Support						
Continuation State Grant	AHEC Support	07/01/2019 06/30/2021	Ohio Department of Higher Education	Roman, Brenda	\$244,004	This researchers will support the medical school regional area health education centers' educational programs for the continued support of medical and other health professions education.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 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 05/19/2020	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D.	\$100,000	The researchers will continue the ATRC summer student program and seek to expand its reach to all divisions of the AFRL Sensors Directorate.
Continuation Educ. Inst. Subagreement	Refinement of OSU' Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears	01/01/2014 12/31/2020	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.
New Non-Profit Contract	PACE Task 5 Phase 1.5 Project	01/01/2020 07/31/2020	Ohio Aerospace Institute	Bae, Harok	\$14,011	The researcher will prepare a comprehensive presentation regarding the completed Task 5 for submission to the Propulsion Safety & Sustainment (PS&S) Conference 2020.
New State Subagreement	2020 Solar Splash	12/09/2019 05/31/2020	Ohio Space Grant Consortium	Wolff, J. Mitch Baudendistel, Craig M.	\$5,000	Funds will be used to support the design and build of a solar-powered electrical system for the solar-powered boat design competition.

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
-------------	--------------	-----------------	----------------	------------------------	---------------	-----------------

College of Liberal Arts

Basic Research

New Non-Profit Subagreement	APEX	01/06/2020 08/31/2021	Wright State Applied Research Corporation	Hall, Ashley Elizabeth Ware, Jennifer (Jen) Miura, Yoko	\$120,001	The WSU researchers will provide media and pedagogical support for the APEX project for WSARC.
-----------------------------------	------	--------------------------	---	---	-----------	--

Public Service

New Non-Profit Grant	National Issues Forum: "A Nation In Debt"	05/01/2019 06/30/2019	C.F. Kettering Foundation	Subban, Jennifer	\$150	The researchers will provide a communication forum to engage students and community members about the national debt.
----------------------------	---	--------------------------	------------------------------	------------------	-------	--

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
------	-------	----------	---------	-----------------	--------	----------

College of Nursing and Health

Applied Research

New Educ. Inst. Subagreement	Virtual Reality: Educating Medicaid Providers on Health Disparities	07/03/2019 06/30/2020	University of Cincinnati	Farra, Sharon L.	\$6,047	This initiative is an effort to promote health equity for the Medicaid population by training Medicaid providers to become more culturally competent and aware of implicit bias.
------------------------------------	--	--------------------------	-----------------------------	------------------	---------	--

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Science and Mathematics						
Basic Research						
Amendment Federal Contract	Recovering the Sources of Individual Differences Unduly- named Errors (ReSIDUE)	04/26/2020 01/25/2021	DoD, Defense Advanced Research Projects Agency	Juvina, Ion	\$500,070	The researchers will conduct research aimed at enriching AI systems with contextual reasoning capabilities. Humans generate forecasts in rich contexts.
Amendment Industrial Subagreement	Electrical and Optical Characterization	09/01/2016 05/19/2021	Wyle Laboratories	Look, David C.	\$111,775	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 Multiple Source Contract	Mercury Analysis of Environmental Samples	01/01/2015 06/30/2017	More Than One Source of Support	Hammerschmidt, Chad R.	\$6,324	The Principal Investigator will provide mercury analysis of environmental samples for various sponsors.
Amendment Educ. Inst. Contract	Water Sample Analysis	03/21/2019 03/31/2020	University of Mississippi	Hammerschmidt, Chad R.	\$1,690	The researchers will provide analysis of total Hg of water samples.
New Federal Grant	Mechanisms of neuroinflammatory burden following early- life stress	02/13/2020 01/31/2023	DHHS, National Institute of Child Health and Human Development	Hennessy, Michael B. Schiml, Patricia	\$450,000	The researchers will test the hypothesis that early stress increases neuroinflammatory activity in key brain structures to increase vulnerability.
New Federal Grant	Collaborative Research: Cyanobacteria, Nitrogen Cycling, and Export Production in the Laurentian Great Lakes	03/15/2020 02/28/2023	NSF, Miscellaneous	Newell, Silvia Elena	\$349,601	The researchers will help characterize the impact of harmful algal blooms in Lake Erie on the ability of sediments to remove excess nutrients from farming and urban runoff.

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Non-Profit Subagreement	Developing statistical methods for analyzing somatic mutations	09/01/2019 08/31/2020	Fred Hutchinson Cancer Research Center	Liu, Yang	\$22,761	The researchers propose a statistical framework for investigating the association between multiple traits and high dimensional genomic features (including somatic mutations).
New Educ. Inst. Subagreement	First comprehensive survey of benthic microbial diversity of Lake Erie: implications for food webs and nuisance algae	11/01/2019 10/31/2020	Ohio State University	Vadeboncoeur, Yvonne	\$10,000	The researchers will use high throughput sequencing to describe the diversity of algae and cyanobacteria living in Lake Erie. We will identify cyanobacteria and algae on sediments, mussel shells, and in the water.
New State Grant	Laboratory Microbial Community Composition of Dredge Samples from Toledo Harbor Maumee River and Maumee Bay	01/27/2020 06/30/2020	Ohio Environmental Protection Agency	Rua, Megan A.	\$5,000	The researchers will evaluate microorganism community composition using state of the art high-throughput sequencing techniques to identify both fungi and bacteria in soils. We have successfully extracted and amplified DNA from both this system in preparation and nearby wetlands.
New Non-Profit Subagreement	Nitrogen cycling in Honeoye Lake Sediment and Water Column	05/01/2018 12/31/2019	Finger Lakes Institute	Newell, Silvia Elena	\$3,513	The researchers will run nutrient samples on Honeoye Lake, this is a small, shallow lake within the Finger Lakes characterized by an increasing frequency of harmful cyanobacterial blooms.
New Industrial Subagreement	Millimeter-Wave-to-THz Characterization of Solid-State Smith-Purcell Radiators	10/01/2019 03/20/2020	KBR	Brown, Elliott	\$3,384	The aim of this effort is to characterize a new type of solid-state source being developed by AFRL for the mm-wave to THz spectral region.

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Applied Research						
Continuation 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	\$20,000	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.

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
-------------	--------------	-----------------	----------------	------------------------	---------------	-----------------

Lake Campus

Basic Research

New Federal Grant	Nutrients and Harmful Algal Bloom Activity on Lake Anna	03/01/2020 02/28/2021	NSF, Miscellaneous	Jacquemin, Stephen James	\$27,608	Harmful algal blooms are increasing in frequency due to nutrient rich runoff. The objective of this project is to analyze nutrients associated with water samples taken from Lake Anna, Virginia, in an effort to better understand bloom activity.
-------------------------	---	--------------------------	-----------------------	-----------------------------	----------	---

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
------	-------	----------	---------	-----------------	--------	----------

School of Professional Psychology

Instruction

New	SOPP Internship:	07/01/2019	Eastway	Warfield, Janeece	\$16,000	The sponsor will provide training and fiscal support for external rotations in the SOPP Doctoral Internship program during the 2019-2020 training year for one doctoral student.
Non-Profit	Eastway Behavioral	06/30/2020	Behavioral			
Agreement	Healthcare		Healthcare			
	2019_2020					

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
------	-------	----------	---------	-----------------	--------	----------

Universitywide

Public Service

New State Subagreement	Support for Position of Senior Associate Director, SCTAI 2020	10/21/2019 06/30/2020	Ohio Department of Higher Education	Edwards, Sue	\$65,770	This position will be responsible for the operation and direct administrative functions of the Secondary Career-Technical Alignment Initiative of the Ohio Articulation and Transfer Network.
New State Contract	Secondary Career-Technical Alignment Initiative	10/28/2019 05/31/2020	Ohio Department of Higher Education	Brun, Carl F.	\$1,000	The researchers will support the strategic implementation efforts of the Secondary Career-Technical alignment Initiative, with a focus on compliance.

Institutional Support

Amendment State Grant	Conversations on Student Success: Building Momentum for Clear Pathways to Academic Success and Equity	01/01/2020 12/31/2020	Ohio Department of Higher Education	Littell, Timothy Jason	\$19,000	This professional development program will provide workshops and seminars to increase awareness of the equity challenges in our gateway completion courses and to provide a forum in which faculty and staff will learn and apply new strategies to address equity gaps in our courses, programs, and support services.
-----------------------	---	--------------------------	-------------------------------------	------------------------	----------	---

Student Aid

Amendment State Contract	Wright State Choose Ohio First Program	07/01/2019 06/30/2020	Ohio Department of Higher Education	Littell, Timothy Jason	\$754,000	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.
--------------------------	--	--------------------------	-------------------------------------	------------------------	-----------	--

May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Amendment State Contract	Choose Ohio First Continuing Scholar Program FY2020	07/01/2019 06/30/2020	Ohio Department of Higher Education	Littell, Timothy Jason Gallagher, John C.	\$120,000	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.
Continuation Federal Grant	Supplemental Educational Opportunity Grant Program (SEOG) 2020/2021	06/01/2020 06/30/2021	U.S. Department of Education	Everhart, Kim	\$403,718	These funds support SEOG grants for students.

**May 1, 2020
Wright State University
Grants and Contracts Awarded
Since the February 21, 2020 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
------	-------	----------	---------	-----------------	--------	----------

VP for Research and Dean of the Graduate School

Applied Research

Non-Profit	WSARC/WSRI Collaborative Project		Wright State Applied Research Corporation	Andersh, Dennis J.	\$6,020,921	These funds denote the portion of the FY20 WSRC funding portfolio recorded through the month of March 2020.
New Non-Profit Subagreement	Bi-static MASINT and GEOINT R&D	03/08/2020 02/23/2021	Riverside Research	Schmitz, James L.	\$234,692	This effort will consist of performing research and development for MASINT and GEOINT missions.

Total Funded \$19,301,593