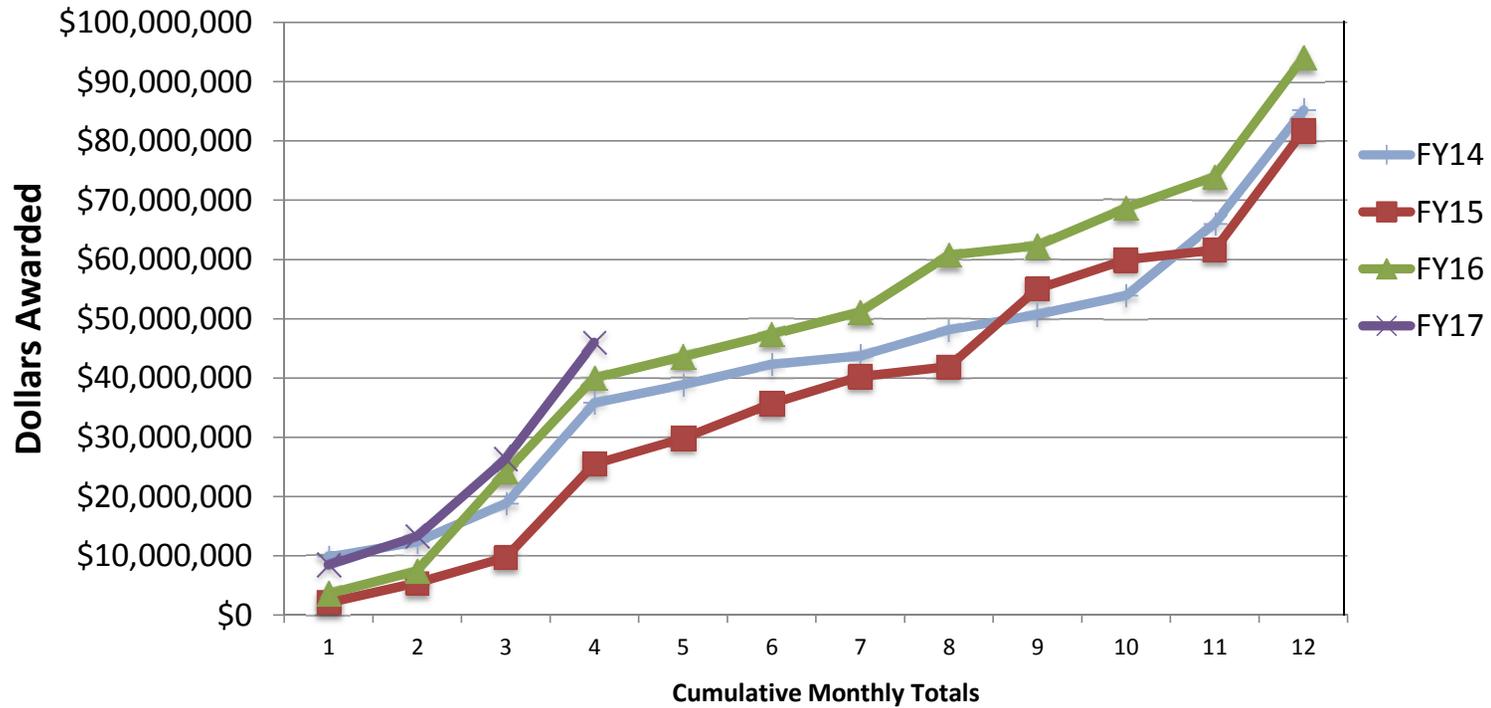


WRIGHT STATE UNIVERSITY
Cumulative Grant and Contract Awards
Comparison with Previous Three Fiscal Years through October



FY17 through 10/31/16: \$45,937,268
 FY16 through 10/31/15: \$40,007,603
 FY15 through 10/31/14: \$25,502,766
 FY14 through 10/31/13: \$35,814,443

**WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS**

**PREPARED FOR
BOARD OF TRUSTEES MEETING
December 16, 2016***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	34	\$5,203,980	32	\$4,510,867	66	\$9,714,847
Instruction	1	\$25,000	7	\$485,460	8	\$510,460
Institutional Support	0		1	\$30,000	1	\$30,000
Public Service	2	\$41,092	9	\$4,454,071	11	\$4,495,163
Student Aid	2	\$32,076	5	\$9,780,326	7	\$9,812,402
TOTAL	39	\$5,302,149	54	\$19,260,724	93	\$24,562,872

* Figures include total support for awards made since the October 2016 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 16, 2016
Wright State University
Grants and Contracts Awarded
Since the October 7, 2016 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Supplement Educ. Inst. Subagreement	Collaborative Center in Multidisciplinary Sciences (CCMS)	02/05/2009 12/05/2016	Virginia Polytechnic Institute and State University	Grandhi, Ramana V.	\$17,007	The principal contributions to the project will be theoretical and applied research in multidisciplinary uncertainty analysis, with key applications targeted to improve the design and pace of development of 1) joined wing sensor aircraft, 2) flapping micro-air vehicles, and 3) supersonic long range strike aircraft.
Supplement Industrial Agreement	Biopsy Study	10/26/2014 10/26/2017	Devicor Medical Products, Inc.	Boivin, Gregory	\$4,939	Wright State University will support the testing of biopsy devices.
Continuation Educ. Inst. Contract	Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement	07/01/2016 06/30/2017	Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School	Keferl, Joseph E.	\$3,049,259	These funds will support 2016/2017 salaries and fringe benefits of STEM school personnel who are paid through WSU.
Amendment Educ. Inst. Subagreement	Non-Contact, THz Sensing of Corneal Hydration	09/01/2016 06/30/2017	University of California, Los Angeles	Brown, Elliott	\$22,468	The WSU researcher will develop electromagnetic models to accurately describe and predict the THz electromagnetic properties of corneas.
Supplement Industrial Contract	Versartis Skeletal Maturity Contract	09/01/2016 12/31/2017	Versartis, Inc.	Towne, Bradford	\$51,500	The Lifespan Health Research Center will provide radiograph assessments of hand/wrist x-rays with determination of skeletal age.

**December 16, 2016
Wright State University
Grants and Contracts Awarded
Since the October 7, 2016 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Amendment Federal Grant	Theory and Research Unifying Social/Game- Theoretical/Ecological/ Cognitive & Computational Approaches to Trust Dynamics (TRUSTE- CC)	07/15/2014 07/14/2017	DoD, Air Force Office of Scientific Research	Juvina, Ion	\$156,201	The project team will conduct a series of field studies to understand trust dynamics in transparent and non-transparent fields.
Amendment Non-Profit Grant	Hybrid Forecasting Competition	07/15/2014 07/14/2017	Wright State Applied Research Corporation	Juvina, Ion	\$156,201	The researchers will develop a flexible methodology for combining machine and human forecasting.
Continuation Federal Grant	Trending: Social Media Analysis to Monitor Cannabis and Synthetic Cannabinoid Use	08/01/2016 07/31/2017	DHHS, National Institute on Drug Abuse	Daniulaityte, Raminta Carlson, Robert G. Nahhas, Ramzi Sheth, Amit Thirunarayan, Krishnaprasad	\$460,736	The overall goal of this study is to apply cutting edge information processing techniques for semi-automated processing of real-time social media data to identify emerging trends in cannabis and synthetic cannabinoid use in the U.S.
Continuation Non-Profit Grant	NCI Award Under DCOP Fiscal Agency Agreement	08/01/2016 07/31/2017	Dayton Clinical Oncology Program	Nevels, Dieter	\$855,000	WSU will continue to serve as the fiscal agent for Dayton Clinical Oncology Program (DCOP) funding in FY2016/2017 per the agreement (with an effective date of December 23, 2001).
Continuation Non-Profit Agreement	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2015 07/31/2016	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$9,770	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 with an effective date of May 12, 2005.

**December 16, 2016
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Non-Profit Agreement	Miscellaneous Awards Under DCOP Fiscal Agency Agreement	08/01/2016 07/31/2017	Dayton Clinical Oncology Program	Nevels, Dieter	\$10,112	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 with an effective date of May 12, 2005.
Continuation Federal Grant	Effects of Virtual Reality Simulation on Worker Emergency Evacuation of Neonates	09/30/2016 09/29/2017	DHHS, Agency for Healthcare Research and Quality	Farra, Sharon L.	\$242,330	The PI will examine the differences in learning outcomes among healthcare workers who undergo virtual reality simulation emergency evacuation training of NICU to those who receive only web-based training.
Amendment Industrial Contract	CT: RSV	11/17/2014 11/30/2017	Gilead Sciences, Inc.	Zoz, III, Donald F.	\$1,615	This study is a phase IIb, randomized, double-blind, placebo-controlled multi-center study evaluating antiviral effect, pharmacokinetics, safety and tolerability of the drug GS-5806 in hospitalized adults with respirator syncytial virus (RSV) infection.
Amendment Non-Profit Subagreement	High Impact Technologies	01/01/2017 09/30/2017	Dayton Area Graduate Studies Institute	Wolff, J. Mitch Sharpe, Jacob A.	\$21,744	The researchers will study the loss reduction techniques related to turbomachinery.
Continuation Federal Grant	Collaborative Research: I/UCRC Center for Surveillance Research, Phase II	08/01/2016 07/31/2017	NSF, Industry/University Cooperative Research Grants	Rigling, Brian D.	\$184,400	This funding will support the graduation of the Phase I Center for Surveillance Research (CSR) founded in 2010 to Phase II and present a plan for expanding the Center through the addition of two Phase I sites.

**December 16, 2016
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Supplement Federal Grant	Intergovernmental Personnel Act (IPA) assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation	08/10/2015 08/09/2017	NSF, Miscellaneous	Schneider, Tamera	\$4,187	The assignee will serve as Program Director for the Social Psychology Program, Division of Behavioral and Cognitive Sciences, Directorate of Social, Behavioral, and Economic Sciences at the National Science Foundation.
Amendment Multiple Source Contract	Collaborative Center for Surveillance Research, Phase II	08/01/2016 07/31/2017	More Than One Source of Support	Rigling, Brian D.	\$25,000	These funds represent Brilligent Solutions' CSR membership fees for Year 2.
Amendment Multiple Source Contract	Collaborative Center for Surveillance Research, Phase II	08/01/2016 07/31/2017	More Than One Source of Support	Rigling, Brian D.	\$50,000	These funds represent Leidos' CSR membership fees for Year 2.
Supplement Industrial Subagreement	Phase-Cancelled, Broadband, Graphene-based Impedance Sensor (Phase II)	08/25/2015 11/15/2017	Advratech, LLC	Huang, Hong	\$147,399	The goal of this project is to develop a novel RF/microwave graphene-based impedance chemical gas sensor (GIM-Sensor).
Continuation Federal Grant	Integrated SBIRT Training for Medical, Nursing, Counseling, and Clinical Psychology Students and Residents	09/30/2016 09/30/2017	DHHS, Substance Abuse and Mental Health Services Administration	Hershberger, Paul J. Bricker, Dean Allen, Jeffery B. Smith, Sherrill Jeanne Huber, Mary Josephine Wilson, Josephine F.	\$314,460	The researchers will develop and implement SBIRT (Screening, Brief Intervention, Referral to Treatment) training programs across multiple disciplines, including medicine, nursing, counseling, and clinical psychology. Didactic training in the classroom will be supplemented and enhanced by direct clinical skills-building and practice at the Five Rivers Health Center.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Amendment Industrial Agreement	Novel Signal Processing for Airborne Passive Synthetic Aperture Radar - Phase II SBIR	08/25/2015 08/24/2017	Systems & Technology Research	Rigling, Brian D.	\$75,000	Wright State University will work with the sponsor to research various algorithmic techniques to simulate, plan collections of, and develop algorithms for multi-source passive synthetic SAR imaging for use in automatic target recognition (ATR).
New Industrial Subagreement	CT: CORAIL	07/30/2015 05/31/2019	INC Research LLC	Pickoff, Arthur S.	\$60,756	The primary objective of this project is to determine a difference in progression-free survival between lurbinectedin and pegylated liposomal doxorubicin or topotecan in platinum-resistant ovarian cancer patients according to the response evaluation criteria in solid tumors.
New Industrial Subagreement	CT: RESET	08/31/2015 08/30/2018	Parexel International, LLC	Pickoff, Arthur S.	\$35,357	This study is designed to evaluate the efficacy and safety of rivipansel as treatment for Vaso-Occlusive Crisis in hospitalized subjects with Sickle Cell Disease.
Supplement Non-Profit Contract	Mindfulness Program Evaluation	07/01/2016 06/30/2017	Interact for Health	Kinzeler, Nicole Wilson, Josephine F.	\$7,700	Wright State University will work with Interact for Health and Jen Wright to plan and implement the evaluation of two mindfulness pilot grants, Mindful Yoga Therapy (MYT) and Self-care and Resilience (SCaR).
Amendment Non-Profit Subagreement	Center for Excellence for Human Performance and Health Science: LVC/SAPHYRE/Micro- Robot Teams	02/01/2016 01/31/2019	Wright State Applied Research Corporation	Broderick, Timothy J. Hodge, Douglas C. Ganapathy, Subhashini Reiter, Ali	\$355,406	The funding for these projects will support AFRL in the areas of airman performance, human machine teaming (HMT), autonomy, and education, and training.

**December 16, 2016
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Supplement Federal Grant	Supplemental Educational Opportunity Grant Program (SEOG) 2016/2017	06/01/2016 06/30/2017	U.S. Department of Education	Barnhart, Amy	\$2,764	These funds support SEOG grants for students.
Continuation Federal Grant	PELL Grant Program 2016/2017	04/01/2016 06/30/2017	U.S. Department of Education	Barnhart, Amy	\$9,681,383	These funds support PELL grants for students.
New Industrial	CT: ACTION II	03/17/2016 03/16/2018	Biogen Idec MA Inc.	Terry, John B.	\$101,716	These funds will support a multicenter, double-blind, placebo-controlled, randomized, parallel-group, dose-ranging study to evaluate the safety and efficacy of intravenous Natalizumab in acute ischemic stroke.
New Non-Profit Subagreement	Visualization of Particulate Data	04/11/2016 04/10/2017	Henry M. Jackson Foundation	Wischgoll, Thomas	\$59,995	The researchers will develop an interactive software interface to incorporate ventilation simulations, real-time air quality data, and video feed of operations and human activity.
Amendment Industrial Contract	Technical Services for Evaluation of Twitris	02/18/2016 11/17/2016	Ikove Capital Partners, LLC	Sheth, Amit	\$10,028	The Kno.e.sis center will provide Twitris access and support so that IKove can evaluate the technology and potentially conduct trials to evaluate its commercialization potential.
Amendment Industrial Subagreement	Cognitive Performance Research	02/19/2016 03/01/2019	InfoSciTex	Sherwood, Matthew Scott	\$4,700	The purpose of this project is to provide support for MRI data collection and modeling.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Supplement State Grant	Healthy Campus Partners	05/30/2016 06/30/2017	Ohio Department of Higher Education	Fruth, Jason D. Miracle, Tessa L. Huber, Jon-Michael	\$1,600	The Healthy Campus Partners consortium will provide multi-site support for implementing each of the Ohio Department of Higher Education's five recommendations for preventing and responding to sexual violence through training, events, peer leaders, and media campaigns, and will sustainably operate through ongoing support from the Healthy Campus Partner Leadership Committee, the Healthy Campus Partner Advisory Board, the individual Sexual Assault Response Teams (SART), and the Montgomery County Prevention Coalition.
Renewal Industrial Contract	SOPP Practicum: CompDrug FY2017	07/01/2016 06/30/2017	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: UD Counseling Center FY2017	08/01/2016 05/30/2017	University of Dayton	Schultz, Michelle S.	\$12,400	The sponsor will provide direct client services training for two SOPP practicum students.
New State Subagreement	NASA Lunar Mining Robot - Senior Design Team	08/01/2015 06/30/2016	Ohio Space Grant Consortium	Thomas, Scott Keith Potts, Marc David	\$5,000	The WSU researchers will design and fabricate a lunar mining robot that will compete in the NASA Robotic Competition in May, 2017.
Supplement Educ. Inst. Subagreement	Updating Skeletal Maturity Methods for U.S. Children	03/01/2016 07/31/2017	University of Missouri	Doom, Travis E.	\$23,921	The primary goal of this study is to provide up-to-date race-specific models to the FELS method for skeletal maturity assessment.

**December 16, 2016
Wright State University
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Since the October 7, 2016 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation Educ. Inst. Subagreement	Community Health Workers First	07/01/2016 06/30/2017	Ohio State University	Cauley, Katherine L.	\$364,676	This project focuses on encouraging more community colleges to offer an Ohio Board of Nursing authorized community health worker certificate program, recruiting and training students to enroll in and complete the CHW certificate program, and be part of a team in primary care ambulatory facilities servicing a high volume of Medicaid patients.
New Educ. Inst. Subagreement	Community Health Worker Conference	07/01/2016 06/30/2017	Ohio State University	Cauley, Katherine L.	\$20,000	Wright State University will plan and implement a statewide Community Health Worker Conference by December 2016.
Continuation Educ. Inst. Subagreement	Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old	07/01/2016 06/30/2017	Ohio State University	Lawhome, Larry Wayne Weston, Christina G. Swedlund, Steven K.	\$527,318	The MEDTAPP SFY 2016 - 2017 funds offer Wright State University Boonshoft School of Medicine an opportunity to address the needs of vulnerable populations at opposite ends of the life continuum.
New Federal Grant	Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO	10/01/2016 09/30/2021	National Aeronautics and Space Administration	Olson, Dean M.	\$30,000	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. The Division maintains a residency in Aerospace Medicine as well as a Master Degree program that are needed in order to achieve the desired outcome and that are to be partially funded by the desired educational grant.

**December 16, 2016
Wright State University
Grants and Contracts Awarded
Since the October 7, 2016 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Subagreement	Empirical Optimization of Physical Properties in SLM Ti-6Al-4V via Layer-Wise, Multi-Modal, in-Process Data Collection	06/10/2016 06/09/2017	Advratech, LLC	Gockel, Joy E.	\$58,841	The purpose of this project is to construct an empirical black box to quantify additive manufacture (AM) process uncertainty.
New Federal Grant	Precision High Intensity Training through Epigenetics (PHITE)	10/01/2016 09/30/2017	DoD, Office of Naval Research	Broderick, Timothy J. Kadokia, Madhavi P. Raymer, Michael L.	\$1,508,485	Consistent with Defense Science Board 2030 recommendations for warfighter performance, the PHITE program will explore the link between physical training and epigenetics.
New Federal Grant	Sisterline: Substance Abuse Treatment and HIV Prevention for African-American Women at High Risk for HIV/AIDS in Montgomery County, OH	09/30/2016 09/29/2017	DHHS, Substance Abuse and Mental Health Services Administration	Wilson, Josephine F.	\$495,750	The Substance Abuse Resources and Disability Issues (SARDI) Program at Wright State University will implement the Sisterline Project in partnership with Mount Olive Baptist Church, two African American-owned and operated behavioral health treatment agencies (Day-Mont and Cornerstone), the Public Health Department of Montgomery County, and Equitas Health (the largest HIV treatment agency in the state).
New Industrial Contract	Energy Absorbing Lattice Development	08/01/2016 12/31/2016	G.E. Aviation	Mian, Ahsan Akm	\$20,223	The researchers will develop optimized lattice configurations for additive manufacturing to 3D print and test.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation State Grant	Professorship of Rural Psychiatry: Ohio Department of Mental Health and Addiction Services	07/01/2016 06/30/2017	Ohio Department of Mental Health and Addiction Services	Gillig, Paulette 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.
Continuation State Grant	Support for Director of Child and Adolescent Psychiatry	07/01/2016 06/30/2017	Ohio Department of Mental Health and Addiction Services	Weston, Christina G.	\$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 Professorship of Community Psychiatry: Ohio Department of Mental Health and Addiction Services	07/01/2016 06/30/2017	Ohio Department of Mental Health and Addiction Services	Dunsieth, Neal W.	\$15,000	This funding will continue the Professorship of Community Psychiatry partnership with the Ohio Department of Community Health to improve the quality of clinical services in the region and enhance the training programs in public sector psychiatry.
Continuation State Grant	Community Psychiatry Training Program	07/01/2016 06/30/2017	Ohio Department of Mental Health and Addiction Services	Welton, Randon S.	\$15,000	The Principal Investigator will coordinate psychiatric residency services training through Good Samaritan Hospital. Funding will partially replace psychiatry resident stipends lost as a result of Twin Valley Behavioral Healthcare (TVBH) closure.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Industrial Subagreement	Towards Understanding Nanoscale Failure Mechanisms in Multifunctional Composite Materials	08/15/2016 05/15/2017	Universal Technology Corporation	Pavel Sizemore, Ioana E.	\$17,217	The goal of this research effort is to further understand both the onset of damage, as well as the failure mechanism, of multifunctional composites at the nanoscale.
Continuation State Subagreement	Passport to Future Year Two	07/01/2016 06/30/2017	Ohio Department of Education	Watchorn, Chad L.	\$84,701	The goal of this program is to create a socioeconomic and culturally diverse mentoring program to service diverse, low-income youth in the Miami Valley Area.
Continuation State Subagreement	Ohio Space Grant Consortium Undergraduate Scholarship - 2016-2017	08/19/2016 08/18/2017	Ohio Space Grant Consortium	Wolff, J. Mitch	\$5,000	The 2016/2017 Education Scholarship Program funding supports three students in the College of Engineering and Computer Science.
New Industrial Subagreement	Electrical and Optical Characterization	09/01/2016 05/19/2021	Wyle Laboratories	Look, David C.	\$142,677	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.
New Educ. Inst. Contract	Wittenberg University Strategic Planning: Consultative and Facilitative Support	03/30/2016 02/28/2017	Wittenberg University	Dockery, Jane L.	\$8,160	The Project Director will provide strategic planning, consultation, and facilitation services to Wittenberg University as that institution develops its strategic plan, an essential component of its re-accreditation process.
New Other Gov't Subagreement	Comprehensive Needs Assessment for Region	08/23/2016 12/31/2016	Montgomery County Commissioners	Dockery, Jane L. Murray, Carol S.	\$32,932	Wright State University will serve as the subcontractor to the Montgomery County Human Services Planning and Development Department to provide a quantitative analysis pertaining to child maltreatment.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Contract	Clark State Community College Internship 2016 - 2017	08/29/2016 04/21/2017	Clark State Community College	Patitu, Carol Logan	\$19,676	Funds will be used to support stipend and tuition for a graduate internship at Clark State Community College for one year.
Continuation Non-Profit Grant	Antioxidants and Retinal Gene Expression Profiles	09/15/2016 09/14/2017	Ohio Lions Eye Research Foundation	Organisciak, Daniel T.	\$23,000	The goal of this project is to define circadian mechanisms of light induced retinal damage.
New Industrial Subagreement	Deep Level Transient Spectroscopy (DLTS)	07/01/2016 06/30/2017	SelectTech Services Corporation	Look, David C.	\$30,000	The purpose of the project is to process samples using Deep Level Transient Spectroscopy (DLTS).
New Non-Profit Grant	Advance Directives: Application to Clinical Scenarios	07/01/2016 06/30/2017	Bioethics Network of Ohio	Marco, Catherine Mozeleski, Eric M. Post, Alina Michelle Downs, Tony A. Bolbrook, Michael B. Anderson, April Tantillo	\$500	This study will be undertaken to identify patient perspectives regarding the application of advance directives in a variety of clinical scenarios, including trauma.
Renewal State Subagreement	Ohio's Coordinating Center of Excellence in Mental Health/Intellectual Disability	07/01/2016 06/30/2017	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.
Continuation Other Gov't. Contract	CNI-TOTS 2017	07/28/2016 06/30/2017	Montgomery County Family and Children First Council	Subban, Jennifer	\$16,000	A consultation will be provided by UD and WSU for evaluation services for the Comprehensive Neighborhood Project (Taking Off to Success) that supports the Human Services Planning and Development Department.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Supplement Federal Grant	Enhancing ICS Project with Montgomery County Syringe Exchange Program	09/30/2016 09/29/2017	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$82,500	The FY 2016 Program Supplement for Minority AIDS Initiative Continuum of Care Pilot – Syringe Services Programs (MAI- CoC: SSP), will be used to enhance the current MAI-CoC program by linking the syringe exchange program offered by Public Health Dayton and Montgomery County with comprehensive behavioral health services and HIV and hepatitis prevention and medical care.
Renewal State Contract	REEP: Research and Evaluation Enhancement Program	07/01/2016 06/30/2017	Ohio Commission on Minority Health	Winfrey, LaPearl L.	\$75,000	The purpose of this project is to provide technical assistance and evaluation support to the Ohio Commission on Minority Health's demonstration projects.
Continuation Educ. Inst. Subagreement	Comparing Interventions for Opioid Dependent Patients Presenting in Medical EDs	09/01/2016 08/31/2017	New York University School of Medicine	Rapp, Richard C.	\$48,514	The WSU researcher will participate in developing and implementing the overall study with an emphasis on the part of the study relating to strengths-based case management.
Continuation Federal Grant	Evaluating the Effectiveness of Online, Portal-Based Vocational Rehabilitation Services	09/30/2016 09/29/2017	DHHS, Administration for Community Living	Wilson, Josephine F. Ford, JoAnn Williams, Julie L.	\$199,990	SARDI will evaluate the effectiveness of online, portal-based vocational rehabilitation (VR) services by comparing the outcomes and cost effectiveness of online to VR services with the outcomes and cost effectiveness of traditional VR services offered in Ohio, Illinois, and Kentucky.
Continuation Federal Grant	Online VR Assessment and Service Protocol to Enhance Employment of Individuals Who Are Deaf	09/30/2016 09/29/2017	DHHS, Administration for Community Living	Wilson, Josephine F.	\$489,998	The goal of this project is to improve vocational rehabilitation (VR) services and enhance employment outcomes for individuals who are deaf.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Federal Grant	Peer Movement Project (PMP)	09/30/2016 09/29/2017	DHHS, Substance Abuse and Mental Health Services Administration	Kinzeler, Nicole	\$208,283	To address the substance abuse and HIV challenges for African American college students, the SARDI program will collaborate with community partners to create the Peer Movement Project (PMP) with a goal to use a multi-level approach to prevent the onset and reduce substance use, HIV and viral hepatitis C infection in African American college students ages 18 to 24.
New State Grant	PCMH Curriculum Development	10/01/2016 09/30/2017	Ohio Department of Higher Education	Conway, Katharine M.	\$25,000	The funds will support the reworking of the existing didactic schedule for third year Family Medicine clerkship students to carve out sessions dedicated to topics of PCMH/QI introduction.
New Non-Profit Subagreement	Aerobic Cometabolic Biodegradation of Dilute Concentrations of Carbamazepine and Diclofenac Using Ammonium-Oxidizing and Methane-Oxidizing Bacteria	08/10/2016 08/09/2017	RTI International	Agrawal, Abinash	\$14,800	The main objective of this study is to evaluate the feasibility of the sustainable removal of Endocrine Disrupting Chemicals (EDCs) via aerobic bioremediation at bench-scale.
New Federal Grant	Regulated Sialylation Modulates Cardiac Excitability and Conduction	10/01/2016 04/30/2017	NSF, Miscellaneous	Bennett, Eric S.	\$354,569	The goal of this project is to test whether and how cardiac excitability and conduction are modulated by changes in the ability of the heart to add sugars to the proteins responsible for electrical signaling.
New Industrial Contract	Computation Fluid Dynamics in Industrial Applications	08/29/2016 08/27/2016	Cradle North America Inc.	Huang, George	\$16,783	The project will involve the use of Cradle commercial software in different industrial applications.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Continuation State Subagreement	Ohio SBIRT	07/01/2016 06/30/2017	Ohio Department of Mental Health and Addiction Services	Kinzeler, Nicole	\$195,508	WSU/SARDI will provide training and supervision of workers across the state for the Ohio Screening, Brief Intervention and Referral to Treatment (SBIRT) program.
New Industrial Subagreement	Modeling Cranial Sutures During the First Year of Life	08/01/2016 01/31/2017	Dayton Children's Hospital (Dayton)	Rigling, Brian D.	\$17,907	The researcher will support the creation of software using retrospective medical imaging data to characterize the geometry of cranial sutures and the cortex around those sutures, including growth curves for the first year of life, the goal of which is to more quickly identify individuals who will need surgery.
New Industrial Subagreement	Low Cycle Fatigue Behavior of Additively Manufactured Iconel 718 Due to Inherent Process Induced Defects	09/01/2016 06/27/2017	Universal Technology Corporation	Gockel, Joy E.	\$20,311	The researchers will take a two-pronged approach to investigate the LCF response of additively manufactured IN 718 due to bulk (internal) and surface (external) failure mechanisms.
New Non-Profit Subagreement	Environmental Compensation Algorithms for Real- time Air Quality Sensors	09/15/2016 09/14/2017	Henry M. Jackson Foundation	Garber, Fred D.	\$175,031	There is currently a lack of appropriate sensing mechanisms within a pilot's breathing air stream for risk prevention of physiological incidents. The researchers propose using ion mobility spectrometry (IMS), modeling and compensating for changes relative to variations in the breathing air environment with the goal of improving a signal analysis and algorithmic compensation package leveraging sensor studies in support of future efforts involving integration of IMS into a next generation platform.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Educ. Inst. Subagreement	Urgent Response to the Current Cyanobacterial Bloom in Lake Okeechobee: Community Ammonium Dynamics	07/01/2016 06/30/2017	University of Florida	McCarthy, Mark J.	\$9,998	The WSU researchers will conduct urgent sampling of toxic cyanobacterial blooms from Lake Okeechobee in Florida that have caused a State of Emergency. The results will be used to assist the water resource managers in the South Florida Water Management District.
New Educ. Inst. Subagreement	Contact-Free, Antenna-Free CW THz Optoelectronic Probe	09/01/2016 09/30/2017	University of Notre Dame	Brown, Elliott	\$71,579	This project will investigate the effects of negative differential resistance in GaN tunneling devices using a new type of non-contact integrated circuit probe based on photomixing. It will also investigate the switching and oscillation behavior of GaN resonant tunneling diodes both experimentally and by modeling.
New Industrial Subagreement	SBIR Phase I Topic 80	07/12/2016 04/12/2017	Advratech, LLC	Gockel, Joy E.	\$24,971	At the end of Phase I the research team will produce an ICBM component with integrated radiation shielding to complete a hardware demo of a functionally graded alloy system on a part relevant to ICBM programs.
Continuation Educ. Inst. Subagreement	Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression	07/01/2016 06/30/2017	Cornell University	Sheth, Amit Thirunarayan, Krishnaprasad	\$230,854	The WSU researchers will implement an analytical platform integrating Web search, social media, environmental conditions, and healthcare data.
Continuation Educ. Inst. Subagreement	Ohio LSAMP Alliance	09/01/2016 08/31/2017	Ohio State University	Klingbeil, Nathan W.	\$71,000	As a member of the Ohio Alliance, WSU faculty will help regional high school students and graduates expand STEM skills to enhance their success in a college experience.

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New Federal Grant	Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk	09/01/2016 08/31/2017	DHHS, National Institute of Diabetes and Digestive and Kidney Diseases	Lee, Miryoung Czerwinski, Stefan Aleksander Kadokia, Madhavi P. Towne, Bradford	\$658,770	The proposed study aims to explore the longitudinal relationships between telomere length, telomerase activity and changes in body composition, and metabolic health outcomes in adults.
New Industrial Subagreement	Support for TAVERN (Task Analysis Visualization Environment Needs Requirements)	06/10/2016 12/09/2016	Charles River Analytics Inc.	Shalin, Valerie L.	\$12,000	The Wright State PI will support the identification of requirements for a task analysis tool to support the design of a work environment for long-term space travel.
New Industrial Subagreement	Contested Environment Radio Frequency Exploitation and Research (CERFER)	08/01/2016 04/30/2017	Matrix Research & Engineering	Rigling, Brian D.	\$95,000	Wright State University will provide contractor support to survey state-of-the-art literature, conduct basic and applied research, develop novel algorithms, test equipment, and evaluate hardware and software performance.
New Federal Grant	Dayton Veterans Affairs Medical Center IPA Agreement	07/01/2016 06/30/2019	Veterans Affairs Medical Center	Van Meeveren, Stephanie Jean	\$34,382	The PI will coordinate key elements of grant transfer, application and on-going compliance and will coordinate with the Clinical Manager to maintain subject milestones.
New Federal Grant	Dayton Veterans Affairs Medical Center IPA Agreement	08/05/2016 06/30/2019	Veterans Affairs Medical Center	Baker-Nolan, Julie	\$200,078	This is a VA-funded research study that will use functional MRI in order to look at the brain function of three groups of people: those who gamble frequently, those who use cocaine/crack, and healthy controls.

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New Industrial Subagreement	Leveraging Emerging Accelerator Technologies toward Developing Acoustic Imaging Reconstruction Capabilities for Object Detection and Identification	09/01/2016 08/31/2017	Engility Corporation	Rigling, Brian D.	\$64,409	Acoustic image reconstruction is emerging as a way to safely identify improvised explosive devices (IEDs) using echos from a chirp to a microphone. This project will accelerate a new multiple channel algorithm, meaning multiple chirpers and/or microphones working together, the goal of which is to make the device work faster in accurately identifying IEDs.
New Industrial Subagreement	Performance Understanding for Layered Sensing Exploitation: Rigorous Assessment of Technologies for Exploitation	09/01/2016 09/01/2016	InfoSciTex	Rigling, Brian D. Mossing, John C.	\$35,000	The primary goal of this program is to develop fundamental research tools in the areas of sensor exploitation algorithm performance understanding and performance prediction.
Amendment Federal Contract	Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)	01/01/2012 10/14/2019	DoD, Air Force, Air Force Research Laboratory	Gross, David C.	\$590,000	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.
New Non-Profit Subagreement	C4ISR: Ohio Federal Research Network, Cycle II: Forward and Reverse Engineering Tool and Workforce Development, Human-Centered Big Data, and Persistent Location with Spectrum Sensing	09/19/2016 09/19/2016	Wright State Applied Research Corporation	Rigling, Brian D. Raymer, Michael L. Minnery, Brandon S.	\$600,000	This funding will be used to support the administrative costs of the Center of Excellence for Command, Control, Communications Computing Intelligence Surveillance and Reconnaissance (C4ISR) and the technical costs of one project.

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New Federal Subagreement	VA Study	09/30/2016 09/29/2017	Veterans Affairs Medical Center	Travers, Jeffrey B.	\$24,911	Dr. Travers will maintain breeding colonies for his VA study.
New Educ. Inst. Subagreement	Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn's Disease (COMBINE)	07/18/2016 10/31/2016	University of North Carolina at Chapel Hill	Saeed, Shehzad	\$8,681	The goal of this project is to assess if combination therapy with an immunomodulator medication (methotrexate) plus biologic therapy vs. monotherapy with biologic therapy alone results in better and sustained outcomes in children with Crohn's disease.
Amendment Industrial Subagreement	Design and Fabrication of an External Combustor for a JetCat Turbojet Engine	09/01/2016 05/31/2017	Universal Technology Corporation	Roberts, Rory A.	\$3,156	Wright State University (WSU) will be creating a team of undergraduate mechanical and materials engineering students to participate in an Aerospace Propulsion Outreach Program (APOP). The program will consist of designing and fabricating an external combustor for a JetCat P80SE gas turbine engine.
Continuation State Subagreement	FY17 Alternative Teacher Preparation and Retention Grant	10/03/2016 06/30/2017	Ohio Department of Education	Davis, Stephanie	\$25,000	The goal of this grant is to transition second career workforce professionals with at least five years of full-time documented work experience to become exemplary Career Tech educators that help their high school students prepare for the workforce and/or post secondary education.
Continuation Educ. Inst. Grant	Student Athlete Opportunity Funds 2016-2017	09/01/2016 08/31/2017	Horizon League	Brown, Joylynn M. Hill, Sara Jane	\$82,859	The SAOF fund is intended to provide direct benefits to student athletes or their families as determined by conference offices.
Total Funded					\$24,562,872	