

**WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS**

**PREPARED FOR
BOARD OF TRUSTEES MEETING
December 18, 2015***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	33	\$12,899,027	21	\$3,059,142	54	\$15,958,169
Instruction	2	\$345,000	3	\$82,000	5	\$427,000
Institutional Support	0		1	\$7,050	1	\$7,050
Public Service	6	\$2,043,397	3	\$1,400,902	9	\$3,444,299
Student Aid	7	\$30,125	8	\$351,146	15	\$381,271
TOTAL	48	\$15,317,549	36	\$4,900,240	84	\$20,217,788

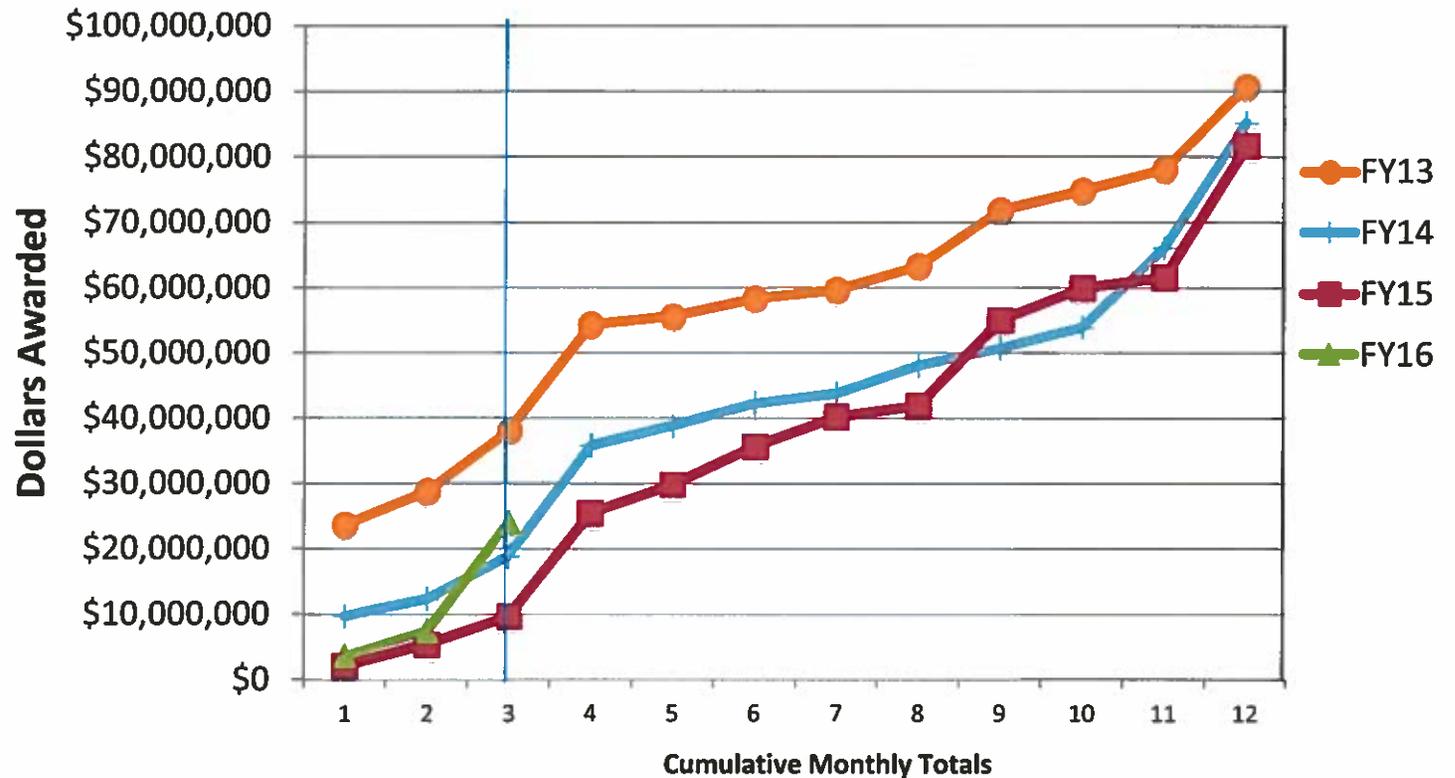
* Figures include total support for awards made since the October 2015 Board of Trustees Meeting.

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

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



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



FY16 through 9/30/15: \$24,125,108
FY15 through 9/30/14: \$9,730,415
FY14 through 9/30/13: \$18,899,869
FY13 through 9/30/12: \$38,069,908

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Wright State University
Grants and Contracts Awarded
Since the October 9, 2015 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Boonshoft School of Medicine						
Basic Research						
Continuation Federal Grant	Trending: Social Media Analysis to Monitor Cannabis and Synthetic Cannabinoid Use	08/01/2015 07/31/2016	DHHS, National Institute on Drug Abuse	Daniulaityte, Raminta Carlson, Robert G. Nahhas, Ramzi Sheth, Amit Thirunarayan, Krishnaprasad	\$461,348	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 Federal Grant	Updating Skeletal Maturity Methods for U.S. Children	08/01/2015 07/31/2016	DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases	Duren, Dana L. Chumlea, W. Cameron Doom, Travis E. Nahhas, Ramzi Sherwood, Richard J.	\$331,172	The primary goal of this study is to provide up-to-date race-specific modules to the FELS method for skeletal maturity assessment.
Continuation Federal Grant	Mechanisms of Reciprocal Inhibition Development	09/11/2015 08/31/2016	DHHS, National Institute of Neurological Disorders and Stroke	Ladle, David R.	\$319,375	This project will examine the development of a specific neurological circuit, the one responsible for reciprocal inhibition, with the intent of understanding how this process relates to cerebral palsy and other movement disorders.
Continuation Federal Grant	Evaluating the Effectiveness of Online, Portal-Based Vocational Rehabilitation Services	09/30/2015 09/29/2016	DHHS, Administration for Community Living	Wilson, Josephine F. Ford, JoAnn Williams, Julie L.	\$199,988	SARDI will evaluate the effectiveness of online, portal-based VR services by comparing the outcomes and cost effectiveness of online to vocational rehabilitation services with the outcomes and cost effectiveness of traditional VR services offered in Ohio, Illinois, and Kentucky.

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Continuation Non-Profit Grant	Antioxidants and Retinal Gene Expression Profiles	07/01/2015 06/30/2016	Ohio Lions Eye Research Foundation	Organisciak, Daniel T.	\$18,500	The goal of this project is to develop antioxidants designed to slow the rate of ocular changes and usual cell loss in late stages of AMD or to prevent progression of disease to the advanced stages altogether.
New Federal Grant	Platelet Activating Factor and Epidermal Cytotoxicity	09/04/2015 06/30/2016	DHHS, National Heart, Lung, and Blood Institute	Travers, Jeffrey B. Sahu, Ravi P. Cool, David R. Li, Gengxin	\$385,606	The information derived from this study will result in improved understanding and novel therapeutics for patients suffering environmental skin injuries in the setting of ethanol exposure.
New Educ. Inst. Subagreement	Community Health Workers First	07/01/2015 06/30/2016	Ohio State University	Cauley, Katherine L.	\$208,690	The Community Health Workers First 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 Non-Profit Grant	Quantifying Healthy Birth, Growth and Development Knowledge Integration	07/28/2015 12/31/2016	Bill & Melinda Gates Foundation	Czerwinski, Stefan Aleksander Lee, Miryoung	\$184,917	The HBGD knowledge integration initiative will integrate data sets from diverse, focused studies into a larger body of knowledge. The purposes of integrating multidisciplinary data are to understand fully the effects of risk factors on growth outcomes and develop effective solutions.

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New Federal Grant	Environmental Pro-Oxidation Stressors and Immunosuppression	07/01/2015 06/30/2016	DHHS, National Institute of Environmental Health Sciences	Sahu, Ravi P.	\$162,517	This project proposes that ultraviolet-B radiation generated oxidized lipids exhibiting platelet-activating factor agonist activity due to their ability to suppress host anti-tumor immunity could compromise the effectiveness of melanoma immunotherapeutic approaches.
New Educ. Inst. Subagreement	Improved Head-Neck Finite Element Model for Dynamic Head Impact Simulation	07/07/2015 05/31/2016	Johns Hopkins University	Sherwood, Richard J.	\$102,301	This project will seek to characterize morphology of the cervical vertebra in a normal population over a period of late adolescent growth into adulthood. These data will provide a baseline by which pathological changes to the vertebra may be identified and, hopefully, mitigated.
New State Grant	Impact of Inter-Facility Transfer and Secondary Over-Triage on Trauma Care in the State of Ohio	07/01/2015 06/30/2016	Ohio Department of Public Safety	Parikh, Priti Whitmill, Melissa Lynn Hendershot, Kimberly M. Parikh, Pratik Woods, Randy J.	\$75,790	The research goal is to identify the burden of inter-facility transfer of trauma patients in the State of Ohio and provide insights into how the overall care access and quality experienced by a trauma patient can be improved.
New Industrial Grant	Testing Antioxidant Efficacy in an Animal Model of Photo-Oxidative Retinal Damage	07/28/2015 07/27/2016	Eyepex Formulas	Organisciak, Daniel T.	\$34,000	This project will test new ingredient combinations in vivo under oxidative stress conditions to identify nutrient combinations that are more effective for potential therapeutic use in age-related macular degeneration (AMD).
New Educ. Inst. Subagreement	Genetic Epidemiology of Ocular Health and Disease	04/16/2015 08/31/2015	University of Texas Health Science Center at San Antonio	Towne, Bradford	\$30,467	The proposed study will collect measures of eye health and vision acuity from members of the Jirel ethnic community in eastern Nepal.

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Renewal Non-Profit Contract	Mental Health First Aid	06/01/2015 12/31/2015	Interact for Health	Kinzeler, Nicole Wilson, Josephine F.	\$38,078	The goal of the project is to plan and implement an evaluation of Mental Health America's Mental Health First Aid (MHFA) program.
Supplement Federal Grant	HIF-1 Alpha Regulation of Trophoblast Differentiation in vivo	06/01/2015 02/28/2016	DHHS, National Institute of Child Health and Human Development	Brown, Thomas L.	\$137,240	The Principal Investigator will study cell formation and differentiation in placental development with the objective of determining mechanism for trophoblast function.
Applied Research						
New Industrial Agreement	A Phase IIIb, Double- Blind, Multicenter Study to Evaluate the Efficacy and Safety of Alteplase in Patients with Mild Stroke: Rapidly Improving Symptoms and Minor Neurologic Deficits (PRISMS)	10/21/2014 10/20/2016	Genentech, Inc.	Jacobs, Bradley S. Wysong, Mark	\$105,033	This is a clinical trial study to evaluate the efficacy and safety of Alteplase in patients with mild stroke.

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New Industrial Agreement	A Randomized, Double Blind, Double Dummy, Parallel Group, Multi-Center Phase IIb Study to Assess the Efficacy and Safety of Different Dose Combinations of an Aromatase Inhibitor and a Progestin in a Vaginal Ring Versus Placebo and Leuprorelin/Leuprolide Acetate in Women	03/13/2015 03/12/2016	Bayer HealthCare Pharmaceuticals Inc.	Lindheim, Steven R. Wysong, Mark	\$97,864	This trial will assess the efficacy and safety of different dose combinations of an aromatase inhibitor and a progestin in a vaginal ring versus placebo and leuprorelin/leuprolide acetate in women with symptomatic endometriosis over a 12-week treatment period.
New State Subagreement	OHIO - Smarter Lunchrooms Local Partnership Stiped	07/01/2015 06/30/2016	Ohio Department of Education	Orlowski, Marietta A.	\$6,500	Within the Ohio Smarter Lunchrooms / HealthierUS School Challenge (HUSCC) project, local agencies are paired with schools to assist with strategy implementation, data collection and the HUSCC application. Wright State University will work with Marysville and Beaver creek schools.
Instruction						
New Federal Grant	Integrated SBIRT Training for Medical, Nursing, Counseling, and Clinical Psychology Students and Residents	09/30/2015 09/29/2016	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.	\$315,000	This project 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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New State Grant	Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD	07/01/2015 06/30/2016	Ohio Department of Developmental Disabilities	Gentile, Julie P.	\$30,000	This funding will provide FY2016-FY2017 funds for a faculty position for training in psychiatric services to the mentally disabled.
Public Service						
Continuation State Subagreement	Ohio SBIRT	07/01/2015 06/30/2016	Ohio Department of Mental Health and Addiction Services	Wilson, Josephine F.	\$216,618	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 Federal Grant	Montgomery County Offender Reentry Program	09/30/2015 09/29/2018	DHHS, Substance Abuse and Mental Health Services Administration	Ford, JoAnn	\$1,199,984	The project will expand and enhance offender reentry program services through screening for substance use disorders prior to release, referral to treatment immediately at release, peer mentoring, case management, rehabilitation services and enrollment in the ongoing Advanced Cognitive Treatment Services program.
New Educ. Inst. Subagreement	Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old	07/01/2015 06/30/2016	Ohio State University	Lawhorne, Larry Wayne Klyklyo, William M. Weston, Christina G.	\$464,619	The MEDTAPP RFP SFY 2016 - 2017 promoting coordination of divergent activities in each institution offers Wright State University Boonshoft School of Medicine an opportunity to address the needs of vulnerable populations at opposite ends of the life continuum.
New State Grant	Ohio's Telepsychiatry Project	07/01/2015 06/30/2016	Ohio Department of Developmental Disabilities	Gentile, Julie P. Cowan, Allison Smith, Andrew B. Harper, Bethany L. Mast, Ryan C.	\$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.

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Student Aid						
Continuation State Agreement	Ohio Innovation Partnership Choose Ohio First Scholarship Program	07/01/2014 06/30/2015	Ohio Board of Regents	LeRoy, Gary L.	\$240,000	This multi-site project seeks to increase the number of primary care physicians in the State of Ohio.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
College of Education and Human Services						
Instruction						
Continuation State Subagreement	FY16 Alternative Teacher Preparation and Retention Grant	07/01/2015 06/30/2016	Ohio Department of Education	Davis, Stephanie	\$50,000	The goal of this project is to transition second career workforce professionals with five or more years of full-time documented work experience to becoming exemplary Career Tech educators that help their high school students prepare for the workforce and/or post secondary education.
Public Service						
Continuation Educ. Inst. Contract	Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement	03/01/2011 06/30/2015	Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School	Harris, Charlotte M.	\$3,348	These funds will support 2014/2015 salaries and fringe benefits of STEM school personnel who are paid through WSU.
Student Aid						
Continuation Educ. Inst. Contract	Clark State Community College Internship 2015 - 2016	08/31/2015 04/26/2016	Clark State Community College	Lindsey, Jill L.	\$19,282	Funds will be used to support stipend and tuition for a graduate internship at Clark State Community College for one year.

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College of Engineering and Computer Science						
Basic Research						
Amendment Federal Grant	Sensor and Information Research Center for Understanding Systems (SIRCUS)	02/27/2015 05/26/2022	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M.	\$198,613	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 Industrial Subagreement	Thin Film Polymeric Frequency Selective Artificial Cochlea	09/01/2012 08/31/2016	Advratech, LLC	Zhuang, Yan	\$28,035	The objective of this project is to create an implantable, artificial cochlear device using piezoelectric materials.
Amendment Federal Grant	EarthCube Building Blocks: Collaborative Proposal: GeoLink in Leveraging Semantics and Linked Data for Data Sharing Supplement	09/01/2015 08/31/2016	National Science Foundation	Hitzler, Pascal Cheatham, Michelle Andreen	\$9,000	An undergraduate researcher will make a compilation of reusable knowledge on the web which is available in the form of ontology design patterns.
New Federal Grant	IIS: Medium: Context- Aware Harrassment Detection on Social Media	09/01/2015 08/31/2018	National Science Foundation	Sheth, Amit Thirunarayan, Krishnaprasad Shalin, Valerie L.	\$925,104	This research combines social science theory and human judgment of potential harassment examples from social media, in both school and workplace contexts, to detect harassing messages and offenders.
New Educ. Inst. Subagreement	Hazards SEES: Citizen and Physical Sensing Enabled Decision Support for Disaster Management of Infrastructure	08/15/2015 07/31/2019	Ohio State University	Sheth, Amit Thirunarayan, Krishnaprasad Shalin, Valerie L.	\$787,500	The goal of this project is to develop advanced decision support for elements of a disaster as they pertain to civil infrastructures and their components with focus on two types of disasters - hurricanes and floods.

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New Federal Grant	Quantitative Endoscopic Imaging and Structured Light Delivery for Controlled Drug	08/03/2015 07/31/2016	DHHS, National Institute of Biomedical Imaging and Bioengineering	Sunar, Ulas	\$225,227	This project proposes to develop a fiber-based endoscopy system that allows both quantitative fluorescence imaging and adaptive beam-shaping for light-induced drug delivery to tumors of any size and shape.
New Federal Grant	PFI: AIR-TT: Market Driven Innovations and Scaling Up of Twitris - A System for Collective Social Intelligence	10/01/2015 03/31/2017	National Science Foundation	Sheth, Amit Mackay, John K.	\$200,000	The goal of this project is to develop and incorporate a new innovation that will take Twitris on a path towards commercialization.
New Federal Grant	EAGER: Collaborative Research: A New Science of Visual Experience	09/01/2015 08/31/2017	National Science Foundation	Parikh, Pratik Wischgoll, Thomas Flach, John M.	\$195,845	This project proposes to develop new science leading to codification/quantification of visual experience of a human as they navigate through an environment comprised of engineered systems.
New Industrial Subagreement	Phase-Cancelled, Broadband, Graphene-based Impedance Sensor (Phase II)	08/25/2015 11/15/2017	Advratech, LLC	Huang, Hong	\$177,279	The goal of this project is to develop a novel RF/microwave graphene-based impedance chemical gas sensor (GIM-Sensor).
New Federal Grant	Contribution of Hemodynamic Shear Stress Abnormalities to Calcific Bicuspid Aortic Valve Disease	08/01/2015 04/30/2017	National Science Foundation	Sucosky, Philippe	\$154,839	The goals of this project are to quantify the contribution of hemodynamic shear stress abnormalities to calcific bicuspid aortic valve disease, to promote interdisciplinary engineering approaches across graduate and undergraduate students, and to inspire K12 students to explore STEM careers.

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New Federal Grant	Collaborative Research: IUCRC Center for Surveillance Research, Phase II	08/01/2015 07/31/2016	National Science Foundation	Rigling, Brian D.	\$97,200	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.
New Industrial Subagreement	Contested Environment Radio Frequency Exploitation and Research (CERFER)	08/12/2015 08/11/2016	Matrix Research & Engineering	Rigling, Brian D. Fogle, Orelle R.	\$92,000	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 Contract	Sensor and Information Research Center for Understanding Systems (SIRCUS)	02/27/2015 02/26/2022	DoD, Air Force, Air Force Research Laboratory	Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M.	\$50,000	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.
New Industrial Subagreement	Micro-Raman Investigation of Residual and Thermal Stresses in Si/SiC Composites During High Temperature Annealing	09/14/2015 09/30/2016	Universal Technology Corporation	Amer, Maher S.	\$34,998	The PI will use micro-Raman spectroscopy mapping to investigate residual stresses in Si/SiC composites and their dependence on the processing parameters.
New Industrial Subagreement	Verification and Validation of Adaptive Learning Control System Towards Safety Assurance and Trusted Autonomy	06/30/2015 12/17/2015	Intelligent Automation, Inc.	Zhang, Xiaodong	\$30,971	The proposed research aims to provide a new systematic real-time safety assurance framework for adaptive learning flight control systems.

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New Educ. Inst. Subagreement	Thin Film Semiconductor Characterization and Fabrication	09/01/2015 03/01/2016	University of Dayton	Zhuang, Yan	\$27,000	WSU researcher will explore the characterization of thin film semiconductor materials and the fabrication of semiconductor testing structures.
New Non-Profit Subagreement	Development of Visualization Tools and Techniques for Mass Spectral and Volatile Organic Compound Sensor Development	08/31/2015 08/30/2016	Dayton Area Graduate Studies Institute	Rizki, Mateen M.	\$19,758	The goal of this project is to develop a single software package to streamline the process characterizing, visualizing, classifying, and combining data.
New Industrial Contract	Artificial Cochlea Research Support	11/20/2014 12/31/2015	Advratech, LLC	Zhuang, Yan	\$6,720	Requested funds will provide additional material and conference travel support for the current artificial cochlea research project.
NewRadarNet Industrial Subagreement	A DARPA Effort	03/25/2015 11/27/2016	Industry	Rigling, Brian D.	\$229,400	WSU will support radar system modeling and development of signal and image processing algorithms.
Applied Research						
New Industrial Subagreement	SAR Image Formation from CAD Models	08/01/2015 08/30/2017	Deep Learning Analytics	Saville, Michael Rigling, Brian D.	\$280,429	The PI will investigate efficient methods for generating radar imagery, and deliver a set of simulated data commensurate with previously observed measured data.
Public Service						
New State Subagreement	Community College Bridge Mentoring Program	06/01/2015 12/31/2015	Ohio Space Grant Consortium	Mawasha, P. Ruby	\$5,000	The goal of this program is to increase the number of students, especially under-represented and female students who are pursuing degree programs in the STEM areas and are transferring from a partner community college to WSU.

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College of Liberal Arts						
Public Service						
New Industrial Subagreement	2015 City of Kettering Parks, Recreation & Cultural Arts Citizen and User Online Satisfaction Survey	07/20/2015 10/15/2015	Sustaita Architects, Inc.	Murray, Carol S.	\$9,189	CUPA will conduct online survey/data collection with households in Kettering, Ohio.
Academic Support						
Continuation State Contract	General Operating Support: Art Galleries	07/01/2015 06/30/2016	Ohio Arts Council	Cortes, Tess	\$7,050	This grant will continue to provide partial support for the operation of the University Art Galleries.
Student Aid						
Continuation State Subagreement	Public and Social Service Transportation Curriculum and Internship Program, SFY2016	07/01/2015 06/30/2016	Ohio Department of Transportation	Killian, Jerri	\$5,000	These funds will continue to support an internship program to encourage entry of individuals into the public and social service transportation field.
New Other Gov't. Contract	Greene County Records Intern	08/31/2015 06/30/2016	Greene County Records Center and Archives	Killian, Jerri	\$6,000	The primary project will be organizing probate records and preparing them for microfilming. Students will assist with this as well as social media outreach, attend admin meetings and other tasks to gain a basic understanding of local government functions.

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College of Nursing and Health

Basic Research

Continuation Federal Grant	Effects of Virtual Reality Simulation on Worker Emergency Evacuation of Neonates	09/30/2015 09/29/2016	DHHS, Agency for Healthcare Research and Quality	Farra, Sharon L.	\$243,555	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.
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College of Science and Mathematics						
Basic Research						
Amendment Educ. Inst. Subagreement	Center for Geologic Storage of CO2	08/01/2014 07/31/2016	University of Illinois	Ritzi, Jr., Robert W. Gershenzon, Naum	\$196,642	The WSU team contributes geocellular modeling as well as initial and exploratory simulation of CO2 capillary trapping in the injection zone (pre-mineralization capillary trapping).
Amendment Federal Grant	Collaborative Research: GEOTRACES Arctic Section: Mercury Speciation and Cycling in the Arctic Ocean	01/01/2015 12/31/2016	National Science Foundation	Hammerschmidt, Chad R.	\$79,994	The research team will participate in the planned U.S. GEOTRACES cruise in the Arctic Ocean in 2015 with the goal of constructing high-resolution vertical and meridional sections of total mercury, monomethylmercury, dimethylmercury, and elemental mercury in seawater.
Amendment Industrial Subagreement	Predictors of Trust/Suspicion in Automation	05/01/2013 08/31/2016	Systems Research and Applications International	Bowling, Nathan A.	\$79,654	The WSU research team will develop and test a conceptual model identifying likely predictors of trust/suspicion in automation.
Amendment Educ. Inst. Subagreement	Native Point Defects, Electrically-Active Impurities, and Plasmonics ZnO Interfaces	07/01/2013 06/30/2016	Ohio State University	Look, David C.	\$60,000	The WSU investigator will collaborate with Ohio State University researchers to use native point defects, degenerate doping, and nanostructures to advance their understanding of contact rectification, photon-plasmon coupling, and nanocontacts at ZnO interfaces.

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Amendment Educ. Inst. Subagreement	Design/Development and Characterization of Microwave/Terahertz Frequency Superconducting Antennas	01/12/2015 01/30/2018	University of Dayton	Deibel, Jason A.	\$22,512	This effort will investigate, model, and characterize high power microwave/terahertz (HPM-THz) radiation generation from superconducting (SC) antenna structures that are excited via ultrafast DC transient pulsing.
New Federal Grant	MRI: Acquisition of High Performance Computer Cluster for Multidisciplinary Computational Research and Education	09/01/2015 08/31/2018	National Science Foundation	Sharma, Amit Raj Priezjev, Nikolai Sulman, Mohamed H. M. Paliy, Oleg	\$150,000	This award will support the acquisition of a high-performance computing cluster for the education of new generations of computational researchers, and to enable discipline- specific and inter-disciplinary computing intensive scientific research in the areas of, but not limited to, chemical physics, material science, bioinformatics, ecological research, genomic research, morphological sciences, ocean modeling, mathematical cognition analysis, and many more.
New Other Gov't. Agreement	Benthic Phosphorus Fluxes in the Lower Great Miami River Watershed Southwest Ohio	09/22/2015 08/31/2016	Miami Conservancy District	Hammerschmidt, Chad R.	\$48,369	The researcher will evaluate riverbed sediments as either potential sources or sinks of phosphorus in the Lower Great Miami River Watershed.
Renewal Federal Grant	Pre-mRNA Processing Factors Maintain Normal Mitosis	09/22/2015 08/31/2018	DHHS, National Institute of General Medical Sciences	Bubulya, Paula	\$377,388	The goal of this project is to elucidate mechanisms for how mRNA processing factors help to promote proper chromosome alignment and mitotic progression that helps to maintain genome integrity,
Applied Research						
Amendment Industrial Agreement	Laundry Sample Analysis	02/01/1988 05/16/2017	Procter & Gamble Company	Arlian, Larry G.	\$3,850	The Principal Investigator will conduct an analysis of mite and allergen removal via machine washing.

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Continuation Multiple Source Contract	TeraHertz Samples - Non-Federal	07/01/2013 06/30/2017	More Than One Source of Support	Petkie, Douglas T.	\$15,300	The PIs will perform measurement services for various non-federal sponsors.
New Federal Grant	Developing a Standardized Field Key to Distinguish Among Mallards (Anas Platyrhynchos) American Black Ducks (Anas Rubripes) and Their Hybrids	09/21/2015 09/21/2015	U.S. Department of Interior, Fish & Wildlife Service	Peters, Jeffrey L. Lavretsky, Phillip	\$58,534	This study proposes to use genomic data to distinguish mallard-black duck hybrids from their parental species and to identify plumage characteristics that can be used as a proxy for genomic data for the development of a field identification key.
New Industrial Subagreement	Development of Robust Compact Sources for Alkali Atom Systems	09/02/2015 10/31/2016	Universal Energy Systems, Inc.	Kozlowski, Gregory	\$15,000	The technical objective is to conduct research on materials that can improve the performance of compact alkali atom systems for Air Force applications. The specific need is for the development of alkali resistant optical windows and coatings.
Public Service						
New Federal Grant	Intergovernmental Personnel Act (IPA) assignment of Dr. Tamera Schneider from Wright State University to the National Science Foundation	08/10/2015 08/09/2016	National Science Foundation	Schneider, Tamera	\$139,605	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.
Student Aid						
New Non-Profit Grant	Travel Grant for Attending the 2015 Annual ASV Meeting	04/01/2015 07/31/2015	American Society for Virology	Excoffon, Katherine	\$1,000	The travel grant will support attendance at the 2015 annual ASV meeting.

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Library						
Student Aid						
New Other Gov't. Contract	Greene County Records Center and Archives Internship	09/14/2015 12/11/2015	Greene County Records Center and Archives	Dewey, Dawne	\$3,600	The Greene County Records Center and Archives will hire a student intern who will assist them with their work and make Greene County records more accessible to researchers and the general public. The intern will participate in a wide range of archival tasks and projects assigned by the archivist.
Supplement Educ. Inst. Contract	University of Dayton Roesch Library Archives Public History Internship	08/26/2014 04/25/2015	University of Dayton	Dewey, Dawne	\$300	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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Since the October 9, 2015 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
School of Professional Psychology						
Basic Research						
New Federal Coop. Agrmt.	Evaluation of a Brief Marriage Intervention for Internal Behavioral Health Consultants in Primary Care	09/01/2015 08/31/2018	Army Medical Research Acquisition Activity	Cigrang, Jeffrey A.	\$878,979	The most challenging community problems faced by senior military leaders are closely linked to the quality of marriage relationships. The purpose of the current study is to build on the pilot study findings by conducting a randomized trial of the military-adapted Marriage Checkup delivered in primary care by behavioral health consultants.
Instruction						
Continuation Other Gov't. Subagreement	SOPP Internship: Summit BHC FY2016	07/01/2015 06/30/2016	Summit Behavioral Healthcare	Schultz, Michelle S.	\$16,000	The sponsor will provide training and fiscal reporting for external rotations in the SOPP doctoral internship program for the 2015 -2016 training year.
Continuation Industrial Contract	SOPP Internship: PHP Upper Valley Medical Center FY2016	07/01/2015 06/30/2016	Premier Health Partners	Schultz, Michelle S.	\$16,000	The sponsor will provide training and fiscal support for external rotations in the SOPP doctoral internship program during the 2015 -2016 training year for one doctoral student.
Student Aid						
Continuation Industrial Contract	SOPP Practicum: Court Clinic Site FY2016	07/01/2015 06/30/2016	Central Clinic	Schultz, Michelle S.	\$9,000	The sponsor will provide direct client services training for one SOPP practicum student.
Continuation Other Gov't. Contract	SOPP Practicum: Center for Adolescent Services FY2016	07/01/2015 06/30/2016	Center for Adolescent Services	Schultz, Michelle S.	\$9,000	The sponsor will provide direct client services training for two SOPP practicum students.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
New Other Gov't. Contract	SOPP Practicum: Summit BHC FY2016	07/01/2015 06/30/2016	Summit Behavioral Healthcare	Schultz, Michelle S.	\$9,000	The sponsor will provide training and fiscal reporting for external rotations in the SOPP doctoral internship program for the 2015 -2016 training year.
New Non-Profit Contract	SOPP Practicum: Samaritan Behavioral Health FY2016	07/01/2015 06/30/2016	Samaritan Behavioral Health, Inc.	Schultz, Michelle S.	\$6,000	The sponsor will provide direct client services training for one SOPP doctoral student.
New Industrial Contract	SOPP Practicum: Self Matters FY2016	07/01/2015 06/30/2016	Self Matters LLC	Schultz, Michelle S.	\$2,400	The sponsor will provide direct and indirect client services training for two SOPP doctoral students.
New Non-Profit Agreement	SOPP Practicum: Samaritan Behavioral Health FY2015	02/23/2015 06/30/2015	Samaritan Behavioral Health, Inc.	Schultz, Michelle S.	\$2,125	The sponsor will provide direct client services training for one SOPP doctoral student.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
Universitywide						
Student Aid						
Continuation Federal Grant	PELL Grant Program 2014/2015	04/01/2014 06/30/2015	U.S. Department of Education	Barnhart, Amy	\$55,482	These funds support PELL grants for students.
Continuation Non-Profit Subagreement	Science, Mathematics, and Research for Transformation (SMART) Defense Scholarship Program 2015/2016	08/01/2015 07/31/2016	American Society for Engineering Education	Barnhart, Amy	\$13,082	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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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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VP for Curriculum and Instruction

Public Service

Continuation State Contract	Articulation and Transfer FY2016	07/01/2015 06/30/2016	Ohio Board of Regents	Sudkamp, Thomas A.	\$1,180,936	These funds will be used to operate the Articulation and Transfer Network, a consortium appointed by the Chancellor of the Ohio Board of Regents.
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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VP for Research and Dean of the Graduate School

Basic Research

Amendment	Robust Adaptive	08/14/2014	Defense	Fogle, Orelle R.	\$9,498	Wright State researchers will survey state-of-the-art literature, conduct basic research, and develop novel algorithms in support of the sponsor's research efforts related to sensor capabilities.
Industrial	Sensing Research	08/13/2015	Engineering	Rigling, Brian D.		
Contract	Support		Corporation			

Applied Research

New	The Dayton Metro	09/01/2015	DoD, Office of	Andersh, Dennis J.	\$7,049,590	The purpose of this project is to diversify the economy of the Dayton Metropolitan Statistical Area and lessen the region's dependence of the Department of Defense while strengthening WPAFB's status in the Dayton MSA.
Federal	Plan for Economic	08/31/2017	Economic			
Grant	Diversity		Adjustment			

Total Funded \$20,217,788