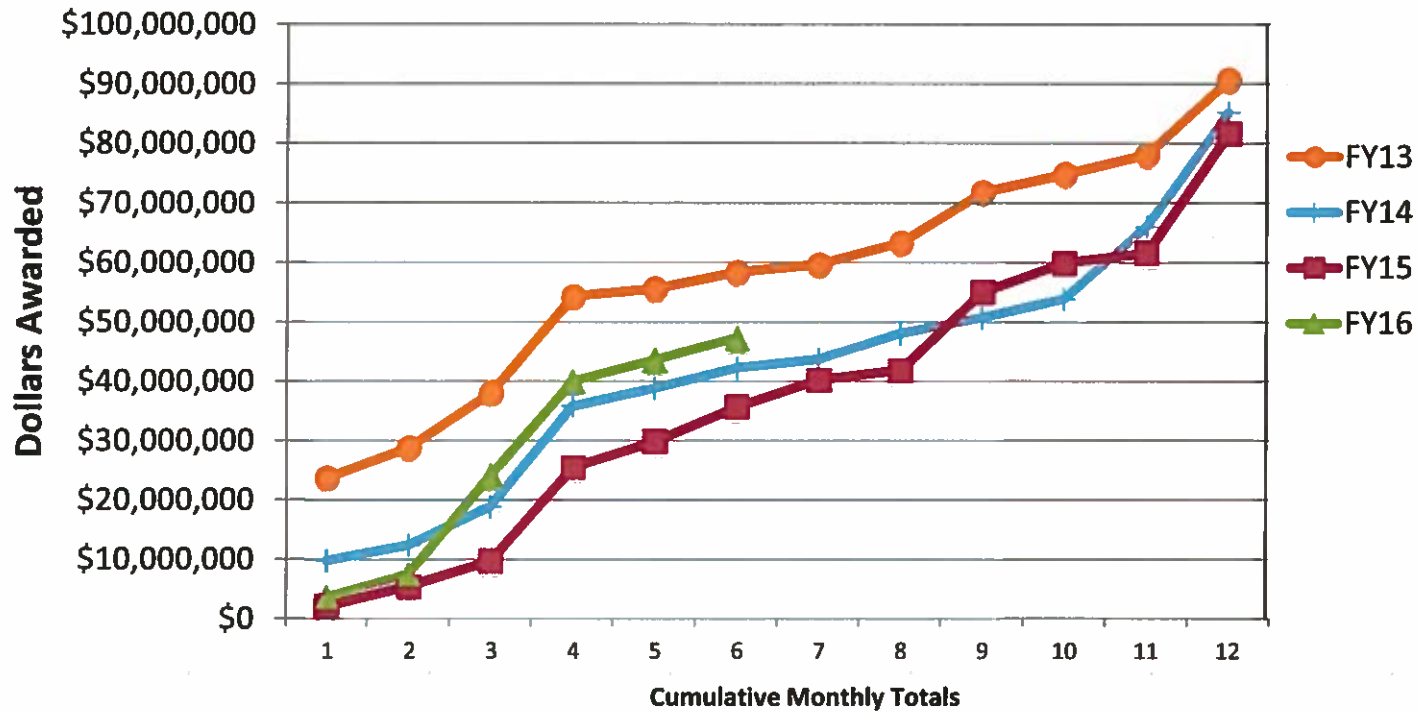


**WRIGHT STATE UNIVERSITY**  
**Cumulative Grant and Contract Awards**  
**Comparison with Previous Three Fiscal Years through December**



**FY16 through 12/31/15: \$47,330,300**  
**FY15 through 12/31/14: \$35,691,006**  
**FY14 through 12/31/13: \$42,286,519**  
**FY13 through 12/31/12: \$58,396,907**

**WRIGHT STATE UNIVERSITY  
GRANT AND CONTRACT AWARDS**

**PREPARED FOR  
BOARD OF TRUSTEES MEETING  
February 12, 2016\***

TYPE	NEW AWARDS		ONGOING AWARDS**		TOTAL AWARDS	
	Number	Dollars	Number	Dollars	Number	Dollars
Research	32	\$2,014,795	20	\$2,290,309	52	\$4,305,104
Instruction	4	\$344,741	3	\$1,389,047	7	\$1,733,788
Institutional Support	0		0		0	
Public Service	6	\$846,640	10	\$4,977,082	16	\$5,823,722
Student Aid	2	\$540,800	4	\$10,551,762	6	\$11,092,562
<b>TOTAL</b>	<b>44</b>	<b>\$3,746,976</b>	<b>37</b>	<b>\$19,208,200</b>	<b>81</b>	<b>\$22,955,176</b>

\* Figures include total support for awards made since the December 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.

**February 12, 2016  
Wright State University  
Grants and Contracts Awarded  
Since the December 18, 2015 Board of Trustees Meeting**

<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
<b>Boonshoft School of Medicine</b>						
<b>Basic Research</b>						
New Non-Profit Subagreement	NMR-Based Urinary Metabolomics in Rats Exposed to Burn Pit Emissions and Respirable Sand	11/01/2015 03/31/2017	Henry M. Jackson Foundation	Reo, Nicholas V. Raymer, Michael L.	\$240,504	This work will measure changes in urinary metabolite profiles in a rat model of inhalation exposure to "burn pit" emissions, which simulate combustion smoke emissions produced by US military in the Middle East.
New Educ. Inst. Subagreement	African Ancestry Genomic Psychiatry Cohort	06/16/2015 01/31/2016	Research Foundation for The State University of New York	Lehrer, Douglas S.	\$163,800	The Principal Investigator will enroll individuals that meet diagnostic criteria for schizophrenia or schizoaffective disorder, depressive type, in the Genomic Psychiatry Cohort.
New Non-Profit Subagreement	Mechanistic Interpretations of Hypobaria and Hyperoxia Using Metabolomics and Proteomics	11/01/2015 10/31/2016	Henry M. Jackson Foundation	Reo, Nicholas V.	\$103,735	The research proposed will take a more mechanistic approach toward understanding the pathophysiology associated with exposure to hypobaria and hyperoxia.
New Non-Profit Subagreement	The Prospective Observational Vascular Injury Trial (PROOVIT)	12/01/2015 11/30/2017	National Trauma Institute	Bini, John K.	\$53,622	The research coordinator will enroll patients, collect data, draft reports, and coordinate the project.
New Educ. Inst. Subagreement	Comparing Interventions for Opioid Dependent Patients Presenting in Medical EDs	09/01/2015 08/31/2016	New York University School of Medicine	Rapp, Richard C.	\$47,579	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.

**February 12, 2016  
Wright State University  
Grants and Contracts Awarded  
Since the December 18, 2015 Board of Trustees Meeting**

<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
Supplement Educ. Inst. Subagreement	Community Health Workers First	11/19/2015 06/30/2016	Ohio State University	Cauley, Katherine L.	\$155,986	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.
Supplement Industrial Contract	Versartis Skeletal Maturity Contract (14VR4)	12/22/2014 12/31/2016	Versartis, Inc.	Duren, Dana L.	\$2,980	Radiograph assessments of the hand/wrist with determination of skeletal age will be performed for the sponsor.
<b>Applied Research</b>						
Continuation Non-Profit Grant	NCI Award Under DCOP Fiscal Agency Agreement	08/01/2015 07/31/2016	Dayton Clinical Oncology Program	Paul, Kimberly A.	\$855,000	WSU will continue to serve as the fiscal agent for Dayton Clinical Oncology Program (DCOP) funding in FY2014/2015 per the agreement (having 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.	\$15,724	This amendment will allow supplemental funding for WSU to act as the FY14/15 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.

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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
Continuation Educ. Inst. Subagreement	MISTIE III: A Phase III, Randomized, Open Label, 500-Subject Clinical Trial of Minimally Invasive Surgery Plus rt-PA in the Treatment of Intracerebral Hemorrhage	08/01/2015 07/31/2016	Johns Hopkins University	Terry, John B. Wysong, Mark	\$2,097	In this study it is anticipated that desmopressin will lead to a significant increase in platelet activity one hour after administration in patients with intracerebral hemorrhage.
New Industrial Agreement	A Phase III Case Series Clinical Study of the Reversal of the Anticoagulant Effects of Dabigatran by Intravenous Administration of 5.0g Idarucizumab in Patients Treated with Dabigatran Etexilate Who Have Uncontrolled Bleeding or Require Emergency Surgery or Procedures	02/05/2015 02/04/2017	Boehringer Ingelheim	McCarthy, Mary C. Wysong, Mark	\$43,992	The primary objective is to demonstrate reversal of the anticoagulant effect of Dabigatran.
New Other Gov't. Subagreement	Risky Business Intervention Development, Pilot Testing, Refinement, Implementation, and Evaluation	09/01/2015 06/30/2016	Montgomery County ADAMH Services Board	Wilson, Josephine F.	\$41,705	The Risky Business gambling prevention intervention will address risk factors associated with gambling using multiple sessions aimed at gambling prevention for at-risk youth.

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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
New State Contract	OHIO Smarter Lunchrooms - Evaluation of 2015 -2016	08/10/2015 06/30/2016	Ohio Department of Education	Orlowski, Marietta A.	\$15,750	Wright State University will serve as the evaluator for Ohio Team Nutrition initiatives: Smarter Lunchrooms Scorecards, Ohio Smarter Lunchrooms / Healthier US School Challenge, and Healthier Ohio Child Care Smarter Lunchrooms.
Supplement Industrial Agreement	The RObotic Vascular and Endovascular Registry (ROVER)	09/10/2014 09/09/2016	Hansen Medical Inc.	Matsuura, John H. Wysong, Mark	\$20,790	This agreement creates a repository of clinical data for the Magellan Robotic System, Magellan Robotic Catheters and accessory components.
<b>Instruction</b>						
Continuation Federal Grant	Aerospace Medicine Training in the Era of Expanding Human Space Flights Beyond ISS and LEO	02/08/2012 09/30/2016	National Aeronautics and Space Administration	Olson, Dean M.	\$375,047	Funding will provide continued support for the training of residents in Aerospace Medicine.
New State Grant	Support for Director of Child and Adolescent Psychiatry	07/01/2015 06/30/2016	Ohio Department of Mental Health and Addiction Services	Klykylo, William M.	\$35,000	This project will continue a partnership to improve the quality of clinical services in child and adolescent psychiatry, including training and a portion of the salary for a resident in Child and Adolescent Psychiatry.
New Other Gov't. Contract	ID/MI Professorship for FY 2016	07/01/2015 06/30/2016	Montgomery County ADAMH Services Board	Gentile, Julie P.	\$30,000	This funding will provide FY2016 funds to support a faculty position for training in psychiatric services to the intellectually disabled.
Supplement Foreign Contract	Service Contract Between Qassim University and Wright State University	07/01/2014 06/30/2015	Qassim University, Unaizah College of Medicine	Parmelee, Dean X.	\$1,000,000	The contract will support the establishment of an undergraduate medical education program for Qassim University, Unaizah College of Medicine, modeled on that of the Wright State University Boonshoft School of Medicine.

**February 12, 2016  
Wright State University  
Grants and Contracts Awarded  
Since the December 18, 2015 Board of Trustees Meeting**

<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
<b>Public Service</b>						
Continuation Federal Grant	Online VR Assessment and Service Protocol to Enhance Employment of Individuals who are Deaf	09/30/2015 09/29/2016	DHHS, Administration for Community Living	Wilson, Josephine F.	\$489,999	The goal of this project is to improve vocational rehabilitation (VR) services and enhance employment outcomes for individuals who are deaf.
New Other Gov't. Contract	Continuing, Sustaining, and Advancing the Work of the Montgomery County Prevention Coalition	09/01/2015 12/31/2016	Montgomery County ADAMH Services Board	Wilson, Josephine F.	\$167,000	The Substance Abuse Resources and Disability Issues (SARDI) Program will provide administrative support to assist MCPC leadership in researching, identifying, prioritizing, and in some cases, implementing community-based prevention strategies that reduce mental, emotional, and behavioral (MEB) disorders, including mental illnesses and substance use disorders, among youth and adults in Montgomery County.
New Non-Profit Grant	Practice Improvement to Address Adolescent Substance Use (PIAASU)	10/01/2015 09/30/2016	American Academy of Pediatrics	Duby, John C.	\$50,000	The PI will provide direction on the overall design of the chapter quality network practice improvement to address adolescent substance use project by collaborating in the development of project charter, goals and measures and key drivers.
New Educ. Inst. Contract	Sinclair Community College Matching Funds CY2015	10/01/2015 09/30/2016	Sinclair Community College	Cauley, Katherine L.	\$32,000	Sinclair Community College provides approximately 50% FTE salary and fringe benefits as matching funds for the Program Coordinator for the Community Health Advocate Program.
New Educ. Inst. Agreement	Mind Matters: Ohio Psychotropic Quality Improvement Collaborative	07/01/2015 11/30/2015	Ohio State University	Klykylo, William M.	\$3,000	Dr. William Klykylo will serve as a clinical advisor panel member and will participate in meetings.

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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
Renewal State Subagreement	Ohio's Coordinating Center of Excellence in Mental Health/Intellectual Disability	07/01/2015 06/30/2016	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.
Supplement Educ. Inst. Subagreement	Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old	11/19/2015 06/30/2016	Ohio State University	Lawhome, Larry Wayne	\$62,699	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.
<b>Student Aid</b>						
New State Agreement	Ohio Innovation Partnership Choose Ohio First Scholarship Program	07/01/2015 06/30/2017	Ohio Board of Regents	Dunn, Margaret M.	\$540,000	This multi-site project seeks to increase the number of primary care physicians in the State of Ohio. The sites will work with the Chancellor of the Ohio Board of Regents to develop a detailed plan for spending curriculum enrichment grant funds.



**February 12, 2016  
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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
<b>College of Education and Human Services</b>						
<b>Basic Research</b>						
New State Subagreement	Partnering in PAX	07/01/2015 06/30/2016	Ohio Department of Mental Health and Addiction Services	Fruth, Jason D.	\$50,000	Wright State University will develop in-state training for partners/coaches to support evidence-based prevention in the classroom and community.
<b>Instruction</b>						
New Educ. Inst. Grant	Reading Recovery: Scaling Up What Works	10/01/2015 09/30/2016	Ohio State University	Lyon, Anna	\$92,736	WSU will serve as a university training center for Ohio State University's Reading Recovery: Scaling Up What Works project.
Supplement Educ. Inst. Grant	Reading Recovery: Scaling Up What Works	05/28/2015 07/17/2017	Ohio State University	Lyon, Anna	\$14,000	WSU will serve as a university training center for Ohio State University's Reading Recovery: Scaling Up What Works project.
<b>Public Service</b>						
Continuation Educ. Inst. Contract	Dayton Regional Science, Technology, Engineering, and Mathematics School Services Agreement	07/01/2015 06/30/2016	Dayton Regional Science, Technology, Engineering, and Mathematics (STEM) School	Harris, Charlotte M.	\$2,915,548	These funds will support 2015/2016 salaries and fringe benefits of STEM school personnel who are paid through WSU.

**February 12, 2016  
Wright State University  
Grants and Contracts Awarded  
Since the December 18, 2015 Board of Trustees Meeting**

Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
<b>College of Engineering and Computer Science</b>						
<b>Basic Research</b>						
Amendment Non-Profit Subagreement	High Impact Technologies	01/01/2016 12/31/2016	Dayton Area Graduate Studies Institute	Wolff, J. Mitch	\$59,800	The researchers will study the loss reduction techniques related to turbomachinery.
Amendment Educ. Inst. Subagreement	Center for Integrated Thermal Management of Aerospace Vehicles	02/07/2014 10/31/2016	Purdue University	Roberts, Rory A. Wolff, J. Mitch	\$26,000	The WSU researchers will participate in planning and seed research that will lead to a Center for Integrated Thermal Management of Aerospace Vehicles (CITMAV).
New Industrial Subagreement	TRACE	07/14/2015 10/30/2017	Industry/DoD, Defense Advanced Research Projects Agency	Rigling, Brian D.	\$270,000	Wright State University will provide innovative SAR feature extraction algorithms, discriminative modeling algorithms, and real-time embedded computing trade studies to the sponsor for incorporating into an overall TRACE ATR system solution. The Wright State research team will support the sponsor in integrating and evaluating the TRACE software and hardware applications and support its program management activities.
New Industrial Subagreement	Situational Awareness via Mixed-Initiative Universal Recognition, Analysis, and Inference	09/28/2015 03/15/2017	Decisive Analytics	Cox, Michael T.	\$90,035	The overall goal of this project is to develop distributed collaborative analytics capability that improves upon automated and manual approaches by optimally leveraging mixed initiative (human-machine) methods.
New Educ. Inst. Subagreement	Collaborative Research: A Cellworks Optimization Method for Air Vehicle Design	03/01/2015 02/29/2016	University of Hawaii at Manoa	Grandhi, Ramana V.	\$65,275	This project focuses on the development and demonstration of a biologically inspired methodology for the automated, multi-disciplinary and multi-objective design of air vehicles.

**February 12, 2016**  
**Wright State University**  
**Grants and Contracts Awarded**  
**Since the December 18, 2015 Board of Trustees Meeting**

<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
New Industrial Subagreement	Novel Signal Processing for Airborne Passive Synthetic Aperture Radar - Phase II SBIR	08/25/2015 11/24/2017	Industry	Rigling, Brian D.	\$50,000	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 Educ. Inst. Subagreement	A Cryogenic Palletized Directed Energy System	08/16/2015 08/15/2016	Purdue University	Roberts, Rory A. Wolff, J. Mitch	\$50,000	The WSU researchers will investigate the design of a palletized cryogenic LNG based power and thermal management system.
New Educ. Inst. Subagreement	Dynamic Modeling and Simulation of a Three Stream Engine for Vehicle Power and Thermal Management	08/16/2015 08/15/2016	Purdue University	Roberts, Rory A. Wolff, J. Mitch	\$50,000	The WSU researchers will investigate the design of a palletized cryogenic LNG based power and thermal management system.
New Industrial Subagreement	NASA STTR Phase I - Integrated Modeling and SLM Process Development Chamber	06/17/2015 06/16/2016	Mound Laser and Photonics Center, Inc.	Mian, Ahsan Akm	\$48,609	The goal of this project is to create a selective laser melting (SLM) process development system that integrates model driven process analysis with a powder-bed SLM chamber. The system will provide users with complete control of process parameters, extensive sensor capability for in-process monitoring and open source programming.
New Industrial Contract	Scalable Vulnerability Assessment for Large Cyber-Physical Systems	07/15/2015 12/31/2015	Ball Aerospace	Zhang, Junjie	\$30,000	The researchers will design a scalable automated system that can perform efficient vulnerability assessments.
New Foreign Grant	Software Defined Secure Ad Hoc Wireless Networks	10/01/2015 03/31/2016	Kuwait Foundation for the Advancement of Sciences	Wang, Bin Alqallaf, Maha A.	\$30,000	This award provides funding to acquire customized EstiNet simulation software for Maha Alqallaf to complete her PhD dissertation work.

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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
New Industrial Subagreement	Cost Estimating Models for Advanced Composite Aircraft Using Additive Manufacturing	08/31/2015 05/31/2016	Wyle Laboratories	Lieh, Junghsen	\$24,420	The goal of this project is to develop life-cycle cost (LCC) models to compare the costs of advanced composite aircraft manufactured by subtractive and additive manufacturing processes.
New Multiple Source Contract	Collaborative Center for Surveillance Research, Phase II	08/01/2015 07/31/2020	More Than One Source of Support	Rigling, Brian D.	\$12,500	These funds represent Brilligent Solutions' CSR membership fees for Year 1.
New Non-Profit Subagreement	Multi-Objective Uncertainty Quantification via Stochastic Locally Optimized Covariance Krig	01/01/2016 12/31/2016	Dayton Area Graduate Studies Institute	Bae, Ha-Rok	\$8,400	The researchers will develop a kernel process that characterizes uncertainty with sample data collected insufficiently and sparsely and work to extend the capability of an existing in-house Kriging by using the kernel process to enable stochastic estimations of potential optimal designs.
New Industrial Subagreement	Design and Fabrication of an External Combustor for a JetCat Turbojet Engine	09/14/2015 07/31/2016	Universal Technology Corporation	Roberts, Rory A.	\$5,914	A team of undergraduate mechanical and materials engineering students will be designing and fabricating an external combustor for a JetCat P80SE gas turbine engine.
New Federal Contract	Healthcare Systems Analysis and Operations Systems Engineering Support for the Veterans Engineering Resource Centers (VERCs)	12/01/2015 11/30/2016	Veterans Affairs	Parikh, Pratik	\$0	The Contractor shall provide all labor, skills, expertise, supervision, and other resources required to successfully complete task orders such as: functional job analysis, time motion studies, patterns in the access data across clinics, graphical representation of the system structure, failure modes and effects analysis, developing statistical models, and etc. that may be issued by the NE VERC as outlined in each specific Task Order.

**February 12, 2016  
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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
Supplement Federal Grant	REU Supplement for CSR-1464104: Towards Understanding and Mitigating the Impact of Web Robot Traffic on Web Systems	07/01/2015 04/30/2017	National Science Foundation	Doran, Derek Edmund	\$24,025	Supplemental funding will support two undergraduate students that will be working on the funded NSF project on understanding and mitigating the impact of web robot traffic.
Supplement Educ. Inst. Subagreement	Collaborative Center in Multidisciplinary Sciences (CCMS)	02/05/2009 04/05/2016	Virginia Polytechnic Institute and State University	Grandhi, Ramana V.	\$24,000	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 Federal Grant	Federated Semantic Services Platform for Material Sciences	07/15/2013 07/14/2016	DoD, Air Force, Air Force Research Laboratory	Sheth, Amit Thirunarayan, Krishnaprasad Srinivasan, Raghavan	\$20,000	The WSU researchers will research, prototype, and demonstrate innovations across data informatics in support of materials science and engineering.
Supplement Federal Grant	REU Supplement: IIS: Medium: Context- Aware Harrassment Detection on Social Media	09/01/2015 08/31/2018	National Science Foundation	Sheth, Amit	\$16,000	This funding will support two undergraduate students who will work as part of the team performing work under the NSF project already funded.

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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
<b>Applied Research</b>						
New Industrial Subagreement	Expanded INSIGHTS Functionality - Multi- User/Team Support	10/01/2015 08/31/2016	Engility Corporation	Rigling, Brian D.	\$104,000	The INSIGHTS project has produced a computational framework capable of leveraging HPCMP resources for quickly analyzing vast amounts of bioinformatics data. The original INSIGHTS system was not designed to support team collaboration. This project expands INSIGHTS system by adding capability to support multi-user framework execution and team analysis and interactions.
New Non-Profit Subagreement	Testing Environment for Human Detection Algorithms on Synthetic FMV	06/30/2015 09/30/2016	Wright State Applied Research Corporation	Wischgoll, Thomas	\$73,425	The researchers will develop algorithms for generating synthetic full motion video for testing and training of existing algorithms for human detection.
<b>Student Aid</b>						
Supplement State Grant	Ohio Space Grant Consortium Scholarship/ Fellowship Program 2014/2015	08/26/2014 08/25/2015	Ohio Department of Higher Education	Mawasha, P. Ruby	\$4,000	The 2014/2015 Education Scholarship Program supports students in the College of Engineering and Computer Science.

**February 12, 2016  
Wright State University  
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<b>Type</b>	<b>Title</b>	<b>Duration</b>	<b>Sponsor</b>	<b>Investigator(s)</b>	<b>Amount</b>	<b>Abstract</b>
<b>College of Liberal Arts</b>						
<b>Applied Research</b>						
Continuation Other Gov't. Grant	CNI - TOTS Consultation Plan	02/05/2015 12/31/2015	Montgomery County Family and Children First Council	Subban, Jennifer	\$6,000	The purpose of this contract is to provide consultant services to the TOTS (Taking Off to Success) program through focus groups, data collection and processing, process evaluation support and reporting, program consultation with TOTS Alumni and development of a participatory action research agenda.
<b>Public Service</b>						
Continuation State Subagreement	H-1B Technical Skills Training Grant Data and Evaluation Support	07/01/2015 11/30/2015	Ohio Board of Regents	Dockery, Jane L.	\$50,507	CUPA is providing data and evaluation support to the Ohio Board of Regents for a US Department of Labor grant awarded to the State of Ohio. The grant's purpose is to create and implement training programs in community colleges and career technical schools that ultimately prepare the US workforce to have jobs in industries that are commonly filled by H-1B visas.
New Other Gov't. Subagreement	Proposal to Conduct the 2016 Analysis of Impediments to Fair Housing Choice	09/21/2015 05/01/2016	Greene County Department of Development	Murray, Carol S. Dockery, Jane L.	\$20,091	CUPA will be analyzing demographic, income, employment, and housing data; identifying housing needs; analyzing lending compliance and fair housing legislation compliance; and recommending actionable items to address fair housing issues for Greene County.

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Wright State University  
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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
<b>College of Science and Mathematics</b>						
<b>Basic Research</b>						
Amendment Educ. Inst. Subagreement	High Resolution Sensing of DNA Nanostructures in the THz Region	11/01/2015 10/31/2016	University of California	Brown, Elliott	\$197,515	This research will further the understanding of vibrational resonances and signatures in deoxyribonucleic acid (DNA) and similar biomolecules. It will also demonstrate millimeter-wave and THz sensors based on this phenomenology.
Amendment Educ. Inst. Subagreement	Characterizing Placebo Response to Active Treatment Using Very High Dimensional Data	12/01/2015 11/30/2016	New York University School of Medicine	Tarpey, Thaddeus	\$65,915	The WSU researcher will assist the NYU PI in developing statistical methodologies directed to the goal of characterizing placebo response to active treatment.
Continuation Federal Grant	TRPM7 and Cellular pH	12/01/2015 11/30/2016	DHHS, National Institute of Allergy and Infectious Diseases	Kozak, Juliusz Ashot	\$370,000	The main goal of this study is to investigate the function of TRPM7 kinase in leukocytes using a novel transgenic mouse model where TRPM7 has been replaced with its kinase-dead mutant form.
Continuation Industrial Contract	Ground Water Protection Program 2016	01/01/2016 12/31/2016	Cemex	Ritzi, Jr., Robert W.	\$15,000	The Principal Investigator will continue the research aimed at monitoring and interpreting the natural variability of the ground water system within, and adjacent to, future quarry sites.
New Federal Grant	Fifty-Seventh Mighty Conference in Graph Theory	02/01/2016 01/31/2017	National Science Foundation	Zhou, Xiangqian	\$8,436	The Department of Mathematics and Statistics will host the 57th Mighty Conference on the Wright State campus in April 2016. The NSF grant will support the conference mainly through the travel expenses of the participants.



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<b>Applied Research</b>						
New Foreign Subagreement	Ecological Interface Design Approach to Supporting Cyber Understanding and Interaction	11/27/2015 03/31/2016	Trimetis, LTD	Bennett, Kevin B.	\$23,219	To apply an ecological interface design (EID) approach to the development of visualization and interaction solutions to the "cyber understanding and interaction" challenge presented in the CDE call.
New Educ. Inst. Subagreement	Mission HydroSci: A Virtual Environment for Next Generation Science Learning	08/01/2015 07/31/2016	University of Missouri	Romine, William L.	\$19,671	The project seeks to design, develop and evaluate Mission HydroSci (MHS), a game-based 3D virtual learning environment (3D VLE) for science teaching and learning in blended or distance education.
<b>Instruction</b>						
New State Subagreement	Lesson Study as Collaborative, Practice-Based Professional Development	08/16/2015 06/30/2016	Ohio Department of Education	Farrell, Ann M. Tosa, Sachiko	\$187,005	Grade K-8 teachers in six area elementary and middle schools, with support from two Wright State University teacher educators in the College of Science and Mathematics, will conduct Lesson Study for mathematics professional development. Through Lesson Study, teachers gain awareness about mathematical knowledge for teaching and how fine points of instruction affect student thinking, then use this knowledge to design more effective lessons, and critically examine implementation of the lessons.
<b>Student Aid</b>						
New Non-Profit Grant	American Ornithologists' Union 2015 Travel and Presentation Awards	05/01/2015 08/31/2015	American Ornithologists' Union	Peters, Jeffrey L.	\$800	These funds will help defray the costs of travel for graduate students Kevin Hawkins and Joel Nelson; They will attend the 2015 joint meeting of the American Ornithologists' Union and Cooper Ornithological Society at Norman, OK.

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Type	Title	Duration	Sponsor	Investigator(s)	Amount	Abstract
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**Raj Soin College of Business**

**Public Service**

Continuation	Small Business	10/01/2015	Ohio Development	Woodbury, Kimberly K.	\$264,400	These funds will be used to support Region 4 of the SBDC Consortium from October 1, 2015 to September 30, 2016.
State	Development Center,	09/30/2016	Services Agency			
Subagreement	FY2016					

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<b>School of Professional Psychology</b>						
<b>Public Service</b>						
Continuation Other Gov't. Subagreement	PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training	07/01/2015 06/30/2016	Montgomery County ADAMH Services Board	Warfield, Janeece	\$69,288	The FY2016 PECE-PACT program will continue to provide a comprehensive range of services to Head Start youngsters and their families in order to develop child and parent resiliency skills.
Continuation State Grant	My Baby and Me: Raising Awareness of Postpartum Depression Among African American Women (FY2016)	09/18/2015 04/30/2016	Ohio Commission on Minority Health	Warfield, Janeece	\$3,000	The University's African American Women in Professional Psychology (AAWIPP) will partner with local faith communities to raise awareness and provide mental health resources for women at risk for postpartum depression in the greater Dayton area by hosting two Minority Health Month events. These community based programming events will address the disparity in health status and infant mortality rates among African Americans.

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<b>Universitywide</b>						
<b>Student Aid</b>						
Continuation Federal Grant	PELL Grant Program 2015/2016	04/01/2015 06/30/2016	U.S. Department of Education	Barnhart, Amy	\$10,362,645	These funds support PELL grants for students.
Continuation Federal Grant	ACHIEVE: A Chance to Have and Improve the Experience and Value of Education	10/01/2015 09/30/2016	U.S. Department of Education	Martin, Bryan M.	\$182,081	The renewal project will continue to increase access to postsecondary education for low-income student parents through the provision of child care services at Mini University.
Continuation Federal Grant	Supplemental Educational Opportunity Grant Program (SEOG) 2015/2016	06/01/2015 06/30/2016	U.S. Department of Education	Barnhart, Amy	\$3,036	These funds support SEOG grants for students.

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**VP for Curriculum and Instruction**

**Public Service**

Continuation	Building Successful	09/01/2015	U.S. Department of	Dewberry, Brenda I.	\$250,000	Wright State will continue to generate the skills and motivation for students to succeed in high school and to enter postsecondary education through activities in an Upward Bound program.
Federal	Futures	08/31/2016	Education			
Grant						

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<b><u>VP for Research and Dean of the Graduate School</u></b>						
<b>Basic Research</b>						
Amendment Industrial Subagreement	Interactions with Semi-Automatic Remotely Piloted Vehicles (iMACE)	02/18/2011 09/30/2016	InfoSciTex	Grimes, Keith David	\$12,500	As a subcontractor, WSRI staff will perform tasks related to the iMACE project for InfoSciTex.
Continuation Federal Contract	Interactions with Semi-Autonomous Remotely Piloted Vehicles	01/01/2012 10/14/2016	DoD, Air Force, Air Force Research Laboratory	Gross, David C.	\$375,000	The WSRI/HPC team will provide support to improve human-automation interactions associated with multiple semi-autonomously remotely piloted vehicles.
Continuation Educ. Inst. Subagreement	Midwest Photonics Education Center: Proposal for an ATE Regional Center	09/01/2015 08/31/2016	Indian Hills Community College	Dosser, Larry R.	\$25,977	Wright State University's Center for Manufacturing Sciences (CMS) will provide the ability for students from nine participating states to connect virtually to laser materials processing centers, and CMS will develop virtual manufacturing centers where students can experience all types of laser material processing activities.
New Federal Grant	Lapses of Attention Predicted in Semi- structured Ecological Settings (LAPSES)	11/01/2015 12/31/2018	DoD, Office of Naval Research	Minnery, Brandon S. Harel, Assaf Sherwood, Matthew Scott Juvina, Ion	\$186,698	The aim of this project is to study the fundamental mechanisms of attention.
<b>Applied Research</b>						
New Industrial Subagreement	FY15 GEOINT MS&E Support - A2C-15-032 FY15 Improved Analysis Tool Development	09/01/2015 08/31/2016	Invertix Corporation	Schmitz, James L.	\$58,527	The objective of this task order is to provide the maintenance, sustainment, and enhancement support for computer-related infrastructure to enable the NASIC/GSI GEOINT production and GEOINT information technology (IT) infrastructure.

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New Industrial Subagreement	FY15 Near Real-Time Extraction Proof of Concept (PoC) Research & Development (R&D) Support A2C-15-082	09/28/2015 09/27/2016	Invertix Corporation	Schmitz, James L.	\$22,979	The objective of this task order is to develop a near real-time, automated extraction Proof of Concept (PoC) within the Dayton Geospatial Intelligence Advancement Testbed (GIAT) at the National Air and Space Intelligence Center (NASIC).
New Educ. Inst. Subagreement	ARTEMIS: Affordability and Real-World Antiplatelet Treatment Effectiveness After Myocardial Infarction Study	08/14/2015 08/15/2016	Duke University	Pickoff, Arthur S. Wysong, Mark	\$22,000	This study will assess the affordability and real-world antiplatelet treatment effectiveness after myocardial infarction study.
<b>Public Service</b>						
Amendment Industrial Contract	Clinical Research Affiliation and Operations Agreement CY15	01/01/2015 12/31/2015	Premier Health Partners	Wysong, Mark	\$786,141	These funds will be used to support the operations through which medical clinicians and scientists can bring clinical research to the university and clinical setting that will benefit the community at large.
New Industrial Agreement	Clinical Research Coordinator Staffing Agreement at Miami Valley Hospital	03/09/2015 03/15/2016	Premier Health Partners	Wysong, Mark	\$574,549	This funding will support clinical research coordinator and nursing support for non-CTRA clinical trials and other Premier Health clinical research projects.
<b>Total Funded</b>					<b>\$22,955,176</b>	