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

FY19 through 10/31/18: $33,149,970
FY18 through 10/31/17: $40,954,698
FY17 through 10/31/16: $45,937,268
FY16 through 10/31/15: $40,007,603

Prepared by Research and Sponsored Programs 11/29/2018
# WRIGHT STATE UNIVERSITY
GRANT AND CONTRACT AWARDS

PREPARED FOR
BOARD OF TRUSTEES MEETING
December 14, 2018*

<table>
<thead>
<tr>
<th>TYPE</th>
<th>NEW AWARDS</th>
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<th>ONGOING AWARDS**</th>
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<th>TOTAL AWARDS</th>
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<tr>
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<td>Research</td>
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<td>$4,376,132</td>
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<td>Instruction</td>
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<td>Institutional Support</td>
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<td>Public Service</td>
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<td>Student Aid</td>
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<td>$573,500</td>
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<td><strong>TOTAL</strong></td>
<td>32</td>
<td>$1,906,599</td>
<td>32</td>
<td>$4,188,056</td>
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<td>$6,094,656</td>
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* Figures include total support for awards made since the October 2018 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 14, 2018
*Wright State University*
*Grants and Contracts Awarded*
*Since the October 19, 2018 Board of Trustees Meeting*

<table>
<thead>
<tr>
<th>Type</th>
<th>Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator(s)</th>
<th>Amount</th>
<th>Abstract</th>
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<tbody>
<tr>
<td><strong>Boonshoft School of Medicine</strong></td>
<td><strong>Basic Research</strong></td>
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<tr>
<td>Amendment</td>
<td>Telomere Length</td>
<td>09/01/2018</td>
<td>University of Texas Health Science</td>
<td>Ebert, James Ray</td>
<td>$14,800</td>
<td>This project will investigate the use of chromosomal telomere length and telomerase activity as biomarkers of human body composition, adiposity, and as overall metabolic risk factors.</td>
</tr>
<tr>
<td></td>
<td>Dynamics in Relation to Changes in Adiposity and Metabolic Risk</td>
<td>09/30/2018</td>
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<tr>
<td>Non-Profit Agreement</td>
<td>Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis</td>
<td>03/01/2018</td>
<td>National Academy of Sciences</td>
<td>Elbasiouny, Sherif M.</td>
<td>$5,624</td>
<td>This project aims to combine computational modeling with animal experiments to identify early irregular patterns in nerve recordings for early diagnosis of Amyotrophic Lateral Sclerosis.</td>
</tr>
<tr>
<td>Subagreement</td>
<td>Identification of Electrophysiological Markers for Early Diagnosis of Amyotrophic Lateral Sclerosis</td>
<td>04/30/2019</td>
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<tr>
<td>Amendment</td>
<td>Sisterline: Substance Abuse Treatment and HIV Prevention for African-American Women at High Risk for HIV/AIDS in Montgomery County, OH</td>
<td>09/30/2018</td>
<td>DHHS, Substance Abuse and Mental Health Services Administration</td>
<td>Ford, JoAnn</td>
<td>$499,971</td>
<td>The purpose of the Sisterline Project is to expand and enhance substance abuse treatment and HIV prevention intervention services for African American women (ages 18 years and older) in Montgomery County, OH, who have substance use or co-occurring substance use and mental health disorders and are living with or at risk for HIV.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>09/29/2019</td>
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<tr>
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<tr>
<td>Continuation Federal Grant</td>
<td>Microvesicles as a Novel Transmitter for UVB-Induced Bioactive Products</td>
<td>08/01/2018 - 07/31/2019</td>
<td>DHHS, National Institute of Arthritis and Musculoskeletal and Skin Diseases</td>
<td>Bihl, Ji Chen, Chen, Yanfang, Travers, Jeffrey B.</td>
<td>$162,800</td>
<td>This project is designed to test the hypotheses that: 1) UVB generates MVP in human skin via a process blocked by antioxidants and PAF-R antagonists; 2) UVB-MVP contain potent signaling molecules that could explain systemic effects of UVB.</td>
</tr>
<tr>
<td>Continuation Federal Grant</td>
<td>Role of Slc12a5 in insulin secretion and glucose homeostasis</td>
<td>07/01/2018 - 06/30/2019</td>
<td>DHHS, National Institute of Diabetes and Digestive and Kidney Diseases</td>
<td>Di Fulvio, Mauricio</td>
<td>$131,250</td>
<td>The researchers will demonstrate whether insulin secretion and glucose handling can be modulated by pharmacological agents targeting a chloride transporter recently discovered in insulin-secreting cells. This study has potential clinical implications for the management of diabetes.</td>
</tr>
<tr>
<td>Continuation Federal Grant</td>
<td>Mechanisms of Microsatellite Instability in Human Disease</td>
<td>09/01/2018 - 08/31/2019</td>
<td>DHHS, National Institute of General Medical Sciences</td>
<td>Leffak, I. Michael</td>
<td>$120,000</td>
<td>In this project researchers will characterize DNA breakage at microsatellites implicated in human disease, during normal replication and during therapies that target DNA structure.</td>
</tr>
<tr>
<td>Supplement Industrial Agreement</td>
<td>Biopsy Study</td>
<td>10/27/2017 - 10/26/2018</td>
<td>Devicor Medical Products, Inc.</td>
<td>Dudley, Emily S.</td>
<td>$10,501</td>
<td>Wright State University will support the testing of biopsy devices.</td>
</tr>
</tbody>
</table>

**Applied Research**

| Amendment Federal Contract | Laboratory Animal Resources Care | 09/30/2018 - 09/29/2019 | Veterans Affairs Medical Center | Travers, Jeffrey B. | $19,200 | Dr. Travers will maintain breeding colonies for his VA study. |
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</thead>
<tbody>
<tr>
<td>Continuation</td>
<td>Miscellaneous Awards Under DCOP Fiscal Agency Agreement</td>
<td>08/01/2018 - 07/31/2019</td>
<td>Dayton Clinical Oncology Program</td>
<td>Paul, Kimberly A.</td>
<td>$6,774</td>
<td>This amendment will allow supplemental funding for WSU to act as the fiscal agent for the Dayton Clinical Oncology Program (DCOP) for managing Non-NIH NCI funds per master agreement Addendum #1 having an effective date of May 12, 2005.</td>
</tr>
<tr>
<td>New Federal Grant</td>
<td>Day-TREE</td>
<td>09/30/2018 - 09/29/2019</td>
<td>DHHS, Substance Abuse and Mental Health Services Administration</td>
<td>Ford, JoAnn</td>
<td>$540,463</td>
<td>This study will enhance and expand comprehensive treatment, early intervention, and recovery support services for transitional aged youth and young adults (ages 16-25), and their families/primary caregivers to reduce the prevalence and severity of substance use disorders and/or co-occurring substance use and mental health disorders.</td>
</tr>
<tr>
<td>New State Grant</td>
<td>Allocation of Trauma Resources in the State of Ohio: A Data Driven Approach for Current Assessment and Benchmarking</td>
<td>07/17/2018 - 06/30/2019</td>
<td>Ohio Department of Public Safety</td>
<td>Parikh, Priti, Pratik</td>
<td>$84,182</td>
<td>In this project the researchers will identify and assess performance improvement activities performed by various EMS agencies throughout the state, and benchmark the optimal EMS resources regionally and at the county level based on the triage performances.</td>
</tr>
<tr>
<td>Supplement Industrial Subagreement</td>
<td>CTRA - TOUR</td>
<td>08/04/2016 - 12/31/2017</td>
<td>Theravance, Inc.</td>
<td>Polenakovik, Hari M.</td>
<td>$2,500</td>
<td>Clinical trial registry.</td>
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### Instruction

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<tbody>
<tr>
<td>Continuation</td>
<td>Residency Traineeship Program for Psychiatric Residents in Dual Diagnosis - MI/DD</td>
<td>07/01/2018 - 06/30/2019</td>
<td>Ohio Department of Developmental Disabilities</td>
<td>Gentile, Julie P.</td>
<td>$80,000</td>
<td>This funding will provide FY2018-FY2019 funds for a faculty position for training in psychiatric services to the mentally disabled.</td>
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<tr>
<td>New State Grant</td>
<td>Child and Adolescent Psychiatry</td>
<td>07/01/2018-06/30/2019</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>Mast, Ryan C.</td>
<td>$35,000</td>
<td>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.</td>
</tr>
<tr>
<td>New Other Gov't. Contract</td>
<td>Mental Illness - Intellectual Disability Residency Placements</td>
<td>07/01/2018-06/30/2019</td>
<td>Montgomery County ADAMH Services Board</td>
<td>Gentile, Julie P.</td>
<td>$30,000</td>
<td>The Professorship supports a faculty position through Wright State Psychiatry to provide clinical services and supervision of psychiatry residents and medical students in a CMHC focused on Intellectual Disability.</td>
</tr>
<tr>
<td>New State Grant</td>
<td>Adult General Psychiatry</td>
<td>07/01/2018-06/30/2019</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>Welton, Randon S.</td>
<td>$15,000</td>
<td>The Principal Investigator will coordinate psychiatric residency services training through GSH. Funding will partially replace psychiatry resident stipends lost as a result of Twin Valley Behavioral Healthcare (TVBH) closure.</td>
</tr>
<tr>
<td>New State Grant</td>
<td>Community General Psychiatry</td>
<td>07/01/2018-06/30/2019</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>Merrill, Brian M.</td>
<td>$15,000</td>
<td>This funding will continue the Professorship of Community Psychiatry partnership with the Ohio Department of Mental Health and Addiction Services to improve the quality of clinical services in the region and enhance the training programs in public sector psychiatry.</td>
</tr>
</tbody>
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### December 14, 2018
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<tr>
<td>New State</td>
<td>Rural General Psychiatry</td>
<td>07/01/2018</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>Gainer, Danielle M</td>
<td>$10,000</td>
<td>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.</td>
</tr>
<tr>
<td>Public Service</td>
<td>Ohio’s Telepsychiatry Project</td>
<td>07/01/2018</td>
<td>Ohio Department of Developmental Disabilities</td>
<td>Gentile, Julie P. Cowan, Allison Harper, Bethany L. Mast, Ryan C. Merrill, Brian M. Gainer, Danielle M</td>
<td>$225,000</td>
<td>This project will expand the existing tele-psychiatry program to serve Medicaid-eligible individuals with intellectual disability and co-occurring mental illness throughout Ohio.</td>
</tr>
<tr>
<td>Renewal State Subagreement</td>
<td>Ohio’s Coordinating Center of Excellence in Mental Health/Intellectual Disability</td>
<td>07/01/2018</td>
<td>Ohio Department of Mental Health and Addiction Services</td>
<td>Gentile, Julie P.</td>
<td>$85,500</td>
<td>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.</td>
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<tr>
<td>Amendment</td>
<td>Aerospace Medicine Training for the Era of Pioneering a Journey to Expanding Human Space Flights Beyond ISS and LEO</td>
<td>10/01/2017</td>
<td>National Aeronautics and Space Administration</td>
<td>Jarnot, Thomas F.</td>
<td>$95,000</td>
<td>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.</td>
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<tr>
<td>Federal Grant</td>
<td>Accelerating Primary Care Transformation Wright (APCT-Wright)</td>
<td>07/01/2018</td>
<td>DHHS, Health Resources and Services Administration</td>
<td>Binder, Stephen Bruce Bowman, Marjorie A.</td>
<td>$100,000</td>
<td>This supplement will allow for the development of curriculum to introduce and emphasize the diagnosis, prevention and treatment of opioid use disorder, emphasizing MAT, into the core curriculum of the medical education program. This will also fund additional MAT buprenorphine trainings for opioid treatment.</td>
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<tr>
<td>College of Engineering and Computer Science</td>
<td>Basic Research</td>
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<tr>
<td>Amendment Federal Contract</td>
<td>SIRCUS TO2: Comprehensive Learning Objectives for Warfighter Needs (CLOWN)</td>
<td>03/31/2016</td>
<td>DoD, Air Force, Air Force Research Laboratory</td>
<td>Rigling, Brian D. Garber, Fred D. Saville, Michael Shaw, Arnab K. Wischgoll, Thomas Rizki, Mateen M.</td>
<td>$442,000</td>
<td>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.</td>
</tr>
<tr>
<td>Amendment Federal Contract</td>
<td>Sensor and Information Research Center for Understanding Systems (SIRCUS)</td>
<td>02/27/2015</td>
<td>DoD, Air Force, Air Force Research Laboratory</td>
<td>Rigling, Brian D. Garber, Fred D. Saville, Michael Ash, Joshua Noel Wischgoll, Thomas Rizki, Mateen M.</td>
<td>$85,500</td>
<td>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.</td>
</tr>
<tr>
<td>Amendment Non-Profit Subagreement</td>
<td>Multi-Fidelity Analysis Methods for Multidisciplinary Design Optimization</td>
<td>05/01/2017</td>
<td>Dayton Area Graduate Studies Institute</td>
<td>Roberts, Rory A. Lautzenhiser, Margaret R</td>
<td>$52,260</td>
<td>The researchers will work on the development of transient design optimization methodology for air vehicles with implicit path dependent behavior in the time domain.</td>
</tr>
<tr>
<td>Amendment Educ. Inst. Subagreement</td>
<td>Probabilistic Design Criteria for Decision Making with Uncertainty</td>
<td>10/01/2017</td>
<td>University of Dayton</td>
<td>Bae, Harok</td>
<td>$20,000</td>
<td>The researchers will develop methods, processes, tools and guidelines for developing and creating probabilistic design criteria and a common sense approach for how to create the same.</td>
</tr>
<tr>
<td>Continuation Federal Grant</td>
<td>Managing Dementia through a Multisensory Smart Phone Application to Support Aging in Place</td>
<td>09/01/2018</td>
<td>DHHS, National Library of Medicine</td>
<td>Banerjee, Tanvi</td>
<td>$171,298</td>
<td>The researchers will be addressing the central problem of deriving actionable information from health sensor data by adapting a system comprising a smart mobile application with sensors.</td>
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<tr>
<td>New Federal Contract</td>
<td>Cerebral Hemodynamic Studies of Hypoxia and Fatigue</td>
<td>09/30/2018</td>
<td>DoD, National Naval Medical Center</td>
<td>Sherwood, Matthew Scott</td>
<td>$500,797</td>
<td>The proposed effort will examine blood oxygen level dependent (BOLD) activity, and blood flow velocity and volume in the brain via functional magnetic resonance imaging (fMRI) before, during, and after exposure to hypoxic stress.</td>
</tr>
<tr>
<td>New Industrial Subagreement</td>
<td>Collaborative Communication Interruption Management System (C-CIMS)</td>
<td>09/01/2018</td>
<td>Ball Aerospace</td>
<td>Pei, Yong</td>
<td>$7,860</td>
<td>The researchers will design a real-time system that can accurately detect points of interruptibility within human-machine teaming interactions.</td>
</tr>
<tr>
<td>New Industrial Subagreement</td>
<td>Design and Fabrication of an External Combustor for a JetCat Turbojet Engine</td>
<td>08/01/2018</td>
<td>Universal Technology Corporation</td>
<td>Roberts, Rory A.</td>
<td>$2,273</td>
<td>A team of undergraduate Mechanical and Material Engineering students will design and fabricate an external combustor for a JetCat P80SE gas turbine engine.</td>
</tr>
<tr>
<td>Supplement Educ. Inst. Subagreement</td>
<td>Modeling Social Behavior for Healthcare Utilization and Outcomes in Depression</td>
<td>08/10/2018</td>
<td>Cornell University</td>
<td>Sheth, Amit</td>
<td>$29,958</td>
<td>The WSU researchers will analyze imaging and unstructured text data from user tweets for detecting individual depressive symptoms.</td>
</tr>
</tbody>
</table>

#### Applied Research

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<tr>
<td>Continuation Educ. Inst. Subagreement</td>
<td>Refinement of OSU's Scuffing Models for Lubricated Rough Surface Contacts of Rollers and Gears</td>
<td>01/01/2014</td>
<td>Ohio State University</td>
<td>Li, Sheng</td>
<td>$60,000</td>
<td>The WSU researcher will work to enhance and optimize existing scuffing models of The Ohio State University (OSU) developed for point contacts of rough surfaces (roller-to-roller or ball-on-disk) and gear pairs.</td>
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<tr>
<td>New Industrial Subagreement</td>
<td>Models of Component Demands from Fleets Supported by Reliability Information</td>
<td>05/01/2018 - 09/01/2018</td>
<td>MacAulay-Brown, Inc.</td>
<td>Ciarallo, Frank W.</td>
<td>$101,250</td>
<td>This subcontract work supports understanding of reliability of Air Force systems through the Science of Test Research Consortium. Wright State researchers will be supporting work of the consortium in understanding the relationship between reliability of systems/components and operational activity.</td>
</tr>
<tr>
<td>New Industrial Subagreement</td>
<td>EPOC: Efficient Power Controller for Small Unmanned Air Vehicles</td>
<td>07/13/2018 - 04/13/2018</td>
<td>Intelligent Automation, Inc.</td>
<td>Lieh, Junghsen</td>
<td>$45,000</td>
<td>The researchers will develop a hybrid electric propulsion system for small unmanned air vehicles.</td>
</tr>
<tr>
<td>New Industrial Subagreement</td>
<td>Dynamic Collaborative Visualization Ecosystem (DynaCoVE)</td>
<td>07/25/2018 - 01/24/2019</td>
<td>Universal Technology Corporation</td>
<td>Wischgoll, Thomas</td>
<td>$30,000</td>
<td>WSU will aid in the development of a meta-visualization graph framework to drive interactive visual analytics across multiple display technologies.</td>
</tr>
<tr>
<td>New Industrial Subagreement</td>
<td>Autonomous Remote Piloted Cirrus SR22 Aerial Surveillance Platform and Personnel Air Vehicle &quot;Air Uber&quot; System</td>
<td>08/01/2018 - 01/31/2020</td>
<td>Industrial, Corporations, Companies, Miscellaneous</td>
<td>Pei, Yong</td>
<td>$10,000</td>
<td>The researchers from WSU, OU, and industry partners will work to enable remote pilot assisted, remote pilot, and full autonomous operation of aircraft for both UAS Surveillance operations and PAV operations and to build a command center for operations and demonstration capability throughout southwest Ohio.</td>
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### Instruction
Ohio Aerospace Institute funds will be used to support College of Engineering and Computer Science students affiliated with the Ohio Space Grant Consortium during the 2018-2019 academic year.
<table>
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<tr>
<td>Continuation</td>
<td>Ohio Space Grant</td>
<td>08/28/2018</td>
<td>Ohio Space Grant</td>
<td>Wolff, J. Mitch</td>
<td>$8,000</td>
<td>The 2018/2019 Education Scholarship Program funding supports three students in the College of Engineering and Computer Science.</td>
</tr>
<tr>
<td>Type</td>
<td>Title</td>
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<td>Sponsor</td>
<td>Investigator(s)</td>
<td>Amount</td>
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<tr>
<td>New</td>
<td>Pilot Testing of the PEERS PLUS</td>
<td>06/30/2018</td>
<td>Ohio Council of Deans</td>
<td>Eustace, Rosemary</td>
<td>$2,000</td>
<td>The proposed peer mentoring (PEERS PLUS – Peers Engage, Empower, Retain, Success Plus Student Success Coordinator) intervention is a potential promising strategy for at-risk beginning baccalaureate nursing students' academic performance and retention attending a 4 year public university</td>
</tr>
<tr>
<td>Non-Profit</td>
<td>PEERS PLUS</td>
<td>06/30/2020</td>
<td>Deans and Directors</td>
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<tr>
<td>Grant</td>
<td>Intervention for At-risk Beginning</td>
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<td>Baccalaureate</td>
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<td>Nursing Students</td>
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<tr>
<td>New</td>
<td>Military Medic Training and Nursing Transition Course</td>
<td>08/23/2018</td>
<td>Ohio Department of Higher Education</td>
<td>Smith, Sherrill Jeanne</td>
<td>$2,800</td>
<td>The PI will assist the sponsor in exploring military medic coursework and its potential alignment with nursing programs, for the purposes of awarding college credit for military training, experience, and coursework.</td>
</tr>
</tbody>
</table>
### College of Science and Mathematics

#### Basic Research

<table>
<thead>
<tr>
<th>Type</th>
<th>Title</th>
<th>Duration</th>
<th>Sponsor</th>
<th>Investigator(s)</th>
<th>Amount</th>
<th>Abstract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amendment</td>
<td>MAVEN Extended Mission Phase E</td>
<td>10/01/2018</td>
<td>University of Colorado</td>
<td>Fox, Jane Lee</td>
<td>$30,000</td>
<td>The WSU Principal Investigator will participate in additional activities during Phase E for the Mars Atmosphere and Volatile Evolution (MAVEN) mission.</td>
</tr>
<tr>
<td>Educ. Inst. Subagreement</td>
<td>Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands</td>
<td>07/01/2018</td>
<td>Dairymen's Foundation, Wisconsin</td>
<td>Rooney, Thomas</td>
<td>$9,000</td>
<td>The WSU researchers are developing a protocol for eradicating the invasive plant garlic mustard.</td>
</tr>
<tr>
<td>Non-Profit Contract</td>
<td>Establishing a Scientific Basis for Garlic Mustard Control and Eradication on Private Lands</td>
<td>06/30/2019</td>
<td>Dairymen's Foundation, Wisconsin</td>
<td>Rooney, Thomas</td>
<td>$9,000</td>
<td>The WSU researchers are developing a protocol for eradicating the invasive plant garlic mustard.</td>
</tr>
<tr>
<td>New Federal Grant</td>
<td>EAGER Collaborative: &gt;100 GHz Optical Clocking using Self-Modulation of Co-Tunneling Light Emitters</td>
<td>09/01/2018</td>
<td>NSF, Miscellaneous</td>
<td>Brown, Elliott</td>
<td>$90,000</td>
<td>The project proposes to develop a 1550 nm RTD-based laser diode for an optical &quot;clock&quot; with bandwidth that could possibly exceed 100 GHz.</td>
</tr>
<tr>
<td></td>
<td>EAGER Collaborative: &gt;100 GHz Optical Clocking using Self-Modulation of Co-Tunneling Light Emitters</td>
<td>02/29/2020</td>
<td>NSF, Miscellaneous</td>
<td>Brown, Elliott</td>
<td>$90,000</td>
<td>The project proposes to develop a 1550 nm RTD-based laser diode for an optical &quot;clock&quot; with bandwidth that could possibly exceed 100 GHz.</td>
</tr>
<tr>
<td>New Educ. Inst. Subagreement</td>
<td>Intelligent Diagnostic Assessment Platform for School Statistics Education</td>
<td>09/01/2018</td>
<td>University of Notre Dame</td>
<td>Kaminski, Jennifer A.</td>
<td>$54,617</td>
<td>The project will develop a computerized assessment of students' learning of school statistics. The system will assess students' knowledge and provide individualized feedback and learning material in real time.</td>
</tr>
<tr>
<td>Type</td>
<td>Title</td>
<td>Duration</td>
<td>Sponsor</td>
<td>Investigator(s)</td>
<td>Amount</td>
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<tr>
<td>Library</td>
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<tr>
<td>New State Subagreement</td>
<td>Conservation Treatment of Wright Brothers Collection Artifacts</td>
<td>11/01/2018</td>
<td>State Library of Ohio</td>
<td>VandenBos, Toni Dewey, Dawne</td>
<td>$4,999</td>
<td>The project is to fund conservation treatment for three to four high profile, heavily used, and irreplaceable items in the Wright Brothers Collection housed in Special Collections and Archives.</td>
</tr>
<tr>
<td>Type</td>
<td>Title</td>
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<td>Investigator(s)</td>
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<tr>
<td>Student Aid</td>
<td>Short Term Certificate</td>
<td>08/31/2018</td>
<td>Ohio Department of Higher Education</td>
<td>Traynor, Thomas L.</td>
<td>$50,000</td>
<td>Funds will support student completion of short term certificate programs housed in the Raj Soin College of Business.</td>
</tr>
</tbody>
</table>
December 14, 2018  
Wright State University  
Grants and Contracts Awarded  
Since the October 19, 2018 Board of Trustees Meeting

<table>
<thead>
<tr>
<th>Type</th>
<th>Title</th>
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<th>Sponsor</th>
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<th>Amount</th>
<th>Abstract</th>
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</thead>
<tbody>
<tr>
<td><strong>School of Professional Psychology</strong></td>
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<tr>
<td>New</td>
<td>SOPP Practicum: Central Clinic 07/01/2018</td>
<td>07/01/2018</td>
<td>Central Clinic</td>
<td>Schultz, Michelle S.</td>
<td>$16,000</td>
<td>The sponsor will provide supervision, and direct and indirect client services training for two doctoral students.</td>
</tr>
<tr>
<td>Industrial Agreement</td>
<td>Central Clinic FY2019</td>
<td>06/30/2019</td>
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<tr>
<td>New</td>
<td>PECE-PACT: Parents Early Childhood Education/Positive Action Choices Training 07/01/2018</td>
<td>07/01/2018</td>
<td>Montgomery County ADAMH Services Board</td>
<td>Warfield, Janeece</td>
<td>$69,288</td>
<td>The FY2019 PECE-PACT program will continue to provide a comprehensive range of services to Head Start youngsters and their families in order to develop child and parent resiliency skills.</td>
</tr>
<tr>
<td>Other Gov't. Contract</td>
<td></td>
<td>06/30/2019</td>
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<tr>
<td>New</td>
<td>SOPP Practicum: Children's Hospital Medical Center - Center for ADHD FY2019 07/01/2018</td>
<td>07/01/2018</td>
<td>Children's Hospital Medical Center (Cincinnati)</td>
<td>Schultz, Michelle S.</td>
<td>$30,000</td>
<td>The sponsor will provide direct client services training for two SOPP practicum students.</td>
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<tr>
<td>Non-Profit Agreement</td>
<td></td>
<td>06/30/2019</td>
<td></td>
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<tr>
<td>New</td>
<td>SOPP Practicum: South Community Mental Health Center 07/01/2018</td>
<td>07/01/2018</td>
<td>South Community Mental Health Center</td>
<td>Schultz, Michelle S.</td>
<td>$24,000</td>
<td>The sponsor will provide direct and indirect client services training for six SOPP doctoral students.</td>
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<td>Non-Profit Contract</td>
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<td>06/30/2019</td>
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<tr>
<td>New</td>
<td>SOPP Practicum: CHC of Greater Dayton FY2019 07/01/2018</td>
<td>07/01/2018</td>
<td>Community Health Centers of Greater Dayton</td>
<td>Schultz, Michelle S.</td>
<td>$18,000</td>
<td>The sponsor will provide direct client services training for five SOPP doctoral students.</td>
</tr>
<tr>
<td>Non-Profit Agreement</td>
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<td>06/30/2019</td>
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<tr>
<td>New</td>
<td>SOPP Practicum: Center for Adolescent Services FY2019 07/01/2018</td>
<td>07/01/2018</td>
<td>Center for Adolescent Services</td>
<td>Schultz, Michelle S.</td>
<td>$9,000</td>
<td>The sponsor will provide direct client services training for two SOPP practicum students.</td>
</tr>
<tr>
<td>Type</td>
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<tr>
<td>New Industrial Agreement</td>
<td>SOPP Practicum: CompDrug FY2019</td>
<td>07/01/2018</td>
<td>CompDrug</td>
<td>Schultz, Michelle S.</td>
<td>$8,320</td>
<td>The sponsor will provide direct client services training for one SOPP doctoral student.</td>
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<tr>
<td>New Educ. Inst. Contract</td>
<td>SOPP Practicum: Miami University FY2019</td>
<td>08/01/2018</td>
<td>Miami University</td>
<td>Schultz, Michelle S.</td>
<td>$7,400</td>
<td>The sponsor will provide direct client services training for one SOPP practicum student.</td>
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<tr>
<td>New Industrial Agreement</td>
<td>SOPP Practicum: Kline and Associates FY2019</td>
<td>07/01/2018</td>
<td>Kline and Associates</td>
<td>Schultz, Michelle S.</td>
<td>$2,500</td>
<td>The sponsor will provide direct and indirect client services training for one SOPP doctoral student.</td>
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<tr>
<td>New Industrial Agreement</td>
<td>SOPP Practicum: Self Matters FY2019</td>
<td>07/01/2018</td>
<td>Self Matters LLC</td>
<td>Schultz, Michelle S.</td>
<td>$2,400</td>
<td>The sponsor will provide direct and indirect client services training for one SOPP doctoral student.</td>
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<tr>
<td>Type</td>
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<tr>
<td>Student Affairs</td>
<td>Wright State Men's Basketball</td>
<td>07/01/2018</td>
<td>Horizon League</td>
<td>Brown, Joylynn M.</td>
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<tr>
<td>Institutional Support</td>
<td></td>
<td>06/30/2019</td>
<td></td>
<td>Hill, Sara Jane</td>
<td></td>
<td>$119,167 Wright State University received funds from the sponsor's men's basketball improvement fund to improve/enhance the University's men's basketball program.</td>
</tr>
<tr>
<td></td>
<td>Improvement Fund FY2019</td>
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</tbody>
</table>
December 14, 2018
Wright State University
Grants and Contracts Awarded
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<tr>
<td>Universitywide</td>
<td>Student Aid</td>
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<td>Continuation</td>
<td>Wright State Choose</td>
<td>07/01/2018</td>
<td>Ohio Department of Higher Education</td>
<td>Sudkamp, Thomas A.</td>
<td>$565,500</td>
<td>Wright State's Choose Ohio First Scholarship program will support the economic growth of the Dayton, the Miami Valley, and Southwest Ohio regions by enhancing the production of graduates in the critical STEMM areas needed by industry.</td>
</tr>
<tr>
<td>State Contract</td>
<td>Ohio First Program</td>
<td>06/30/2019</td>
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<tr>
<td>New State Subagreement</td>
<td>GEAR UP Scholarship</td>
<td>07/01/2018</td>
<td>Ohio Department of Higher Education</td>
<td>Martin, Bryan M.</td>
<td>$13,450</td>
<td>Funds will support scholarships for Wright State University students participating in the US Department of Education's GEAR UP program.</td>
</tr>
</tbody>
</table>
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<tbody>
<tr>
<td>VP for Research and Dean of the Graduate School</td>
<td>Basic Research</td>
<td></td>
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<tr>
<td>Amendment Federal Contract</td>
<td>Interactions with Semi-Autonomous Remotely Piloted Aircraft (RPA)</td>
<td>09/22/2011</td>
<td>DoD, Air Force, Air Force Research Laboratory</td>
<td>Gross, David C.</td>
<td>$97,500</td>
<td>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.</td>
</tr>
<tr>
<td>Non-Profit Non-Profit Collaborative Project</td>
<td>WSARC/WSRI Applied Research Corporation</td>
<td>10/14/2019</td>
<td>Wright State Applied Research Corporation</td>
<td>Andersh, Dennis J.</td>
<td>$923,526</td>
<td>This project denotes the portion of the FY19 WSARC funding portfolio recorded through the month of October 2018.</td>
</tr>
<tr>
<td>Amendment Educ. Inst. Subagreement</td>
<td>Creating Surgical Capabilities for Exploration Space Flight</td>
<td>10/01/2018</td>
<td>Baylor College of Medicine</td>
<td>Broderick, Timothy J.</td>
<td>$10,880</td>
<td>Determine efficacy of humanoid robotic operators as assistants in space flight surgeries. Performance evaluations will be made with humanoid robots using surgical tools, receiving commands, and performing surgical tasks.</td>
</tr>
</tbody>
</table>

**Total Funded**  
$6,094,656