

The University of Toledo      Research and Sponsored Programs  
 FY 2018 Awards By College and Department

**Proposal #**                      **Public Title**  
*Budget Period*                      *Sponsor(s)*

**Arts and Letters, College of**

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Catharine S. Eberly Center for Women</b>						
<b>N-126293-01</b>	<b>Toledo MBAC</b>	<b>No</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$330,000</b>
<i>7/1/17 to 6/30/19      Ohio Development Services Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gore, Shanda L.	Catharine S. Eberly Center for Women	100			
Co-I	Sattler, Jessica Marie	Research & Sponsored Programs				
Co-I	Shutts, Sariah Ann	Catharine S. Eberly Center for Women				
Co-I	Valdiviez, Jordan Cuauhtemoc	Research & Sponsored Programs				
Co-I	Woodward, Jason E.	Catharine S. Eberly Center for Women				
Sum of Department ( <b>Catharine S. Eberly Center for Women</b> )						Award Count: <b>1.00</b>
						<b>\$330,000</b>

**Economics, Department of**

<b>N-126470-01</b>	<b>Police Militarization and Officer-Involved Shootings</b>	<b>No</b>	<b>\$44,000</b>	<b>\$0</b>	<b>\$44,000</b>	<b>\$44,000</b>
<i>9/1/17 to 5/1/18      Charles Koch Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ajilore, Olugbenga O.	Economics, Department of	100			
Sum of Department ( <b>Economics, Department of</b> )						Award Count: <b>1.00</b>
						<b>\$44,000</b>

**Geography and Planning, Department of**

<b>C-125107-03</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	<b>No</b>	<b>\$1,018,772</b>	<b>\$483,916</b>	<b>\$1,502,688</b>	<b>\$901,613</b>
<i>1/4/18 to 1/3/19      National Aeronautics and Space Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of	60			
Co-I	Lipscomb, Glenn	Chemical and Environmental Engineering, Department of	20			
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	20			
<b>N-125855-01</b>	<b>Industry Clusters and Location of Agriculture: Establishing a Theoretical Base for Economic Development Practice</b>	<b>No</b>	<b>\$5,600</b>	<b>\$2,400</b>	<b>\$8,000</b>	<b>\$8,000</b>
<i>8/1/17 to 7/31/18      U.S. Department of Agriculture through Rutgers University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Reid, Neil	Geography and Planning, Department of	100			

## Arts and Letters, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Geography and Planning, Department of</b>						
<b>N-126239-01</b>	<b>Well-being of Youth Caregivers and its Effect on Pursuing a Career in Geriatrics</b>	No	\$7,787	\$0	\$7,787	\$2,336
<i>7/1/17 to 6/30/18 National Institutes of Health through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Perion, Jennifer Joyce	School of Population Health	40			
Co-I	Ames, April L.	Geography and Planning, Department of	30			
Co-I	Steiner, Victoria	Medicine, Department of	30			
<b>N-126299-01</b>	<b>Transportation Asset Management</b>	No	\$118,324	\$0	\$118,324	\$35,497
<i>1/1/17 to 12/31/18 Ohio Department of Transportation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of	70			
Co-I	Xu, Yanqing	Geography and Planning, Department of	30			
<b>N-126464-01</b>	<b>Spatial Distribution Model for Manure from Permitted CAFOs in the Maumee Watershed, Ohio</b>	No	\$34,846	\$0	\$34,846	\$34,846
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Patrick L.	Geography and Planning, Department of	100			
<b>N-126471-01</b>	<b>HAB-associated Health Effects and Airborne Microcystin Levels Among Recreational Lake Users</b>	No	\$133,737	\$0	\$133,737	\$20,061
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ames, April L.	School of Population Health	30			
Co-I	Czajkowski, Kevin Paul	Geography and Planning, Department of	15			
Co-I	Dwyer, Daryl	Environmental Sciences, Department of	15			
Co-I	Saltzman, Barbara	School of Population Health	20			
Co-I	Valigosky, Michael	School of Population Health	20			
<b>N-126475-01</b>	<b>Effectiveness in the 4R Program in Best Management Practice Implementation</b>	No	\$120,889	\$0	\$120,889	
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rai, Saatvika	Political Science and Public Administration, Department of	100			
Co-I	Czajkowski, Kevin Paul	Geography and Planning, Department of				
Sum of Department ( <b>Geography and Planning, Department</b> )						Award Count: 3.35
						<b>\$1,002,353</b>

## Music, Department of

## Arts and Letters, College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
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### Music, Department of

<b>N-126971-01</b>	<b>A Randomized Phase 2 Trial of AM0010 in Combination with Pembrolizumab vs. Pembrolizumab Alone as First-line Therapy in Patients with Metastatic Non-Small Cell Lung Cancer whose Tumors Have High PD-L1 Expression</b>	<b>Yes</b>	<b>\$8,558</b>	<b>\$2,567</b>	<b>\$11,125</b>	
<i>4/12/18 to 4/11/19</i>	<i>ARMO BioSciences, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Nemunaitis, John J.	Medicine, Department of	100
Co-I	Chaudhuri, Prabir	Surgery, Department of	
Co-I	Hamouda, Danae M.	Music, Department of	
Co-I	Skeel, Roland	Medicine, Department of	
Co-I	Vergheese, Cherian	Medicine, Department of	
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of	

Sum of Department (**Music, Department of**) Award Count:

### Political Science and Public Administration, Department of

<b>N-126475-01</b>	<b>Effectiveness in the 4R Program in Best Management Practice Implementation</b>	<b>No</b>	<b>\$120,889</b>	<b>\$0</b>	<b>\$120,889</b>	<b>\$120,889</b>
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Rai, Saatvika	Political Science and Public Administration, Department of	100
Co-I	Czajkowski, Kevin Paul	Geography and Planning, Department of	

Sum of Department (**Political Science and Public Administr**) Award Count: **1.00** **\$120,889**

### Psychology, Department of

<b>C-101221-10</b>	<b>Pre-, Peri-, and Post-deployment Trajectories and Mechanisms of Psychopathology, Psychological Health and Resilience over 9 Years of Prospective Follow-up in the Reserves</b>	<b>No</b>	<b>\$51,244</b>	<b>\$26,391</b>	<b>\$77,635</b>	
<i>6/1/18 to 5/31/19</i>	<i>U. S. Army Medical Research and Materiel Command through University Hospitals of Cleveland</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Wryobeck, John	Psychiatry, Department of	100
Co-I	Elhai, Jon D.	Psychology, Department of	
Co-I	Fine, Thomas	Psychiatry, Department of	

## Arts and Letters, College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Psychology, Department of</b>						
<b>C-125299-02</b>	<b>Study of Early Brain Alterations that Predict Development of Chronic PTSD</b>	No	\$488,874	\$191,128	\$680,002	
7/1/17 to 6/30/18	National Institute on Mental Health					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of		100		
Co-I	Brickman, Kristopher R.	Surgery, Department of				
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Rapport, Daniel J.	Psychiatry, Department of				
Co-I	Tull, Matthew T.	Psychology, Department of				
Co-I	Xie, Hong	Neurosciences, Department of				
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of				
<b>C-125763-02</b>	<b>Implicit Measurement of Motivations for Non-Suicidal Self-Injury</b>	No	\$53,129	\$0	\$53,129	\$53,129
7/1/17 to 6/30/18	Canadian Institutes of Health Research through Simon Fraser University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gratz, Kim L.	Psychology, Department of		70		
Co-I	Tull, Matthew T.	Psychology, Department of		30		
<b>C-125763-03</b>	<b>Implicit Measurement of Motivations for Non-Suicidal Self-Injury</b>	No	\$56,937	\$0	\$56,937	\$56,937
7/1/17 to 6/30/18	Canadian Institutes of Health Research through Simon Fraser University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gratz, Kim L.	Psychology, Department of		70		
Co-I	Tull, Matthew T.	Psychology, Department of		30		
<b>N-126626-01</b>	<b>Patient-Provider Interactions: Does Practitioner Race Matter?</b>	No	\$1,500	\$0	\$1,500	\$1,500
5/24/17 to 7/31/18	Society for Personality and Social Psychology					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Geers, Andrew	Psychology, Department of		100		
Sum of Department (Psychology, Department of) Award Count: 3.00						\$111,566
<b>World Literatures and Cultures</b>						
<b>C-119920-13</b>	<b>Student Teacher Assistants</b>	No	\$5,480	\$548	\$6,028	\$6,028
4/1/18 to 3/30/19	Japanese School of Toledo					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hara, Joseph	World Literatures and Cultures		100		
Stdnt Schol	Hokura, Mikoto					
<b>N-126666-01</b>	<b>Advancement of Kaiwa Assisted Intelligence (KAI) in L2 Classrooms</b>	No	\$38,993	\$10,138	\$49,131	\$49,131
5/1/18 to 4/30/20	Honda Research Institute Japan Co					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Yamazaki, Kasumi	World Literatures and Cultures		100		

## Arts and Letters, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>World Literatures and Cultures</b>						
<b>R-123656-06</b>	<b>STARTALK CHELER Program for Chinese Heritage School Teachers and Administrators</b>	<b>No</b>	<b>\$81,659</b>	<b>\$8,166</b>	<b>\$89,825</b>	<b>\$89,825</b>
<i>4/1/18 to 3/31/19</i>	<i>National Security Agency</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Cheng, An Chung	World Literatures and Cultures		100		
Sum of Department ( <b>World Literatures and Cultures</b> )			Award Count: <b>3.00</b>		<b>\$144,984</b>	
Sum of College ( <b>Arts and Letters, College of</b> )			Award Count: <b>12.35</b>		<b>\$1,753,792</b>	

## Business And Innovation, College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Dean-Business College</b>						
<b>N-126576-01</b>	<b>Training for Fiat Chrysler North America Employees in Toledo, Ohio</b>	<b>No</b>	<b>\$1,330,167</b>	<b>\$306,633</b>	<b>\$1,636,800</b>	<b>\$1,636,800</b>
<i>9/11/17 to 9/10/18</i>	<i>Fiat Chrysler America</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Kunnathur, Anand S.	Dean-Business College		100		
Sum of Department ( <b>Dean-Business College</b> )			Award Count: <b>1.00</b>		<b>\$1,636,800</b>	

## Information Operations and Technology Management

<b>N-126148-01</b>	<b>Principled Design of an Augmented Reality Trainer for Medics</b>	<b>No</b>	<b>\$29,537</b>	<b>\$15,212</b>	<b>\$44,749</b>	
<i>10/1/17 to 3/24/18</i>	<i>Defense Health Agency, Department of Defense through Aptima, Inc</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of		100		
Co-I	Brainard, Daniel T.	Information Operations and Technology Management				
Co-I	Floyd-Bradstock, Tonya L.	Ctr for Creative Instruction				
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Schneider, Roy	Ctr for Creative Instruction				
Sum of Department ( <b>Information Operations and Technolog</b> )			Award Count:			
Sum of College ( <b>Business And Innovation, College of</b> )			Award Count: <b>1.00</b>		<b>\$1,636,800</b>	

## Div of Tech and Adv Solutions-DTAS

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Ctr for Creative Instruction</b>						
<b>N-126148-01</b>	<b>Principled Design of an Augmented Reality Trainer for Medics</b>	<b>No</b>	<b>\$29,537</b>	<b>\$15,212</b>	<b>\$44,749</b>	
<i>10/1/17 to 3/24/18</i>	<i>Defense Health Agency, Department of Defense through Aptima, Inc</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of		100		
Co-I	Brainard, Daniel T.	Information Operations and Technology Management				
Co-I	Floyd-Bradstock, Tonya L.	Ctr for Creative Instruction				
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Schneider, Roy	Ctr for Creative Instruction				
Sum of Department ( <b>Ctr for Creative Instruction</b> )				Award Count:		
Sum of College ( <b>Div of Tech and Adv Solutions-DTAS</b> )				Award Count:		

## Education - Judith Herb College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Curriculum and Instruction, Department of</b>						
<b>C-125107-03</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	<b>No</b>	<b>\$1,018,772</b>	<b>\$483,916</b>	<b>\$1,502,688</b>	<b>\$300,538</b>
<i>1/4/18 to 1/3/19</i>	<i>National Aeronautics and Space Administration</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of		60		
Co-I	Lipscomb, Glenn	Chemical and Environmental Engineering, Department of		20		
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of		20		
<b>N-125929-01</b>	<b>Developing problem solving skills using student-generated problems that reverse engineer YouTube videos</b>	<b>No</b>	<b>\$200,575</b>	<b>\$99,286</b>	<b>\$299,861</b>	<b>\$0</b>
<i>8/1/17 to 7/31/19</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of		100		
Co-PI	Czerniak, Charlene M.	Curriculum and Instruction, Department of		0		
<b>N-126050-01</b>	<b>NURTURES Phase II: Expansion and Evaluation</b>	<b>No</b>	<b>\$765,148</b>	<b>\$225,933</b>	<b>\$991,081</b>	<b>\$842,419</b>
<i>9/1/17 to 8/31/18</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of		75		
Co-PI	Hapgood, Susanna	Curriculum and Instruction, Department of		10		
Co-PI	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education		10		
Co-PI	Molitor, Scott C.	Bioengineering, Department of		5		

## Education - Judith Herb College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Curriculum and Instruction, Department of</b>						
<b>N-126446-01</b>	<b>Design, Develop, and Pilot Implementation of An Integrated Dual Licensure (Middle Grades and Intervention Specialist) Teacher Education and Master's Degree Program</b>	No	\$115,701	\$9,256	\$124,957	\$124,957
8/21/17 to 6/30/18	Ohio Deans Compact on Exceptional Children					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Templin, Mark Arnold	Curriculum and Instruction, Department of		100		
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of				
Co-I	Devlin, Patricia	Early Childhood, Physical, and Special Education				
Co-I	Sandt, Dawn D.	Early Childhood, Physical, and Special Education				
<b>N-126496-01</b>	<b>Ohio Innovations Grant--P-16 Pathways of Promise (P3)</b>	No	\$185,186	\$14,814	\$200,000	\$34,000
7/30/17 to 7/31/19	Ohio Department of Higher Education through Bowling Green State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keil, Virginia L.	Dean-Education		50		
Co-PI	Ashburner, Brian P.	Biological Sciences, Department of		17		
Co-PI	Romer, Terence G.	Med Microbiology & Immunology, Department of		0		
Co-PI	Schneider, Rebecca M.	Curriculum and Instruction, Department of		17		
Co-PI	Stone, Gregory	Educational Foundations and Leadership		16		
<b>N-126554-01</b>	<b>Tech Prep Pathways Grant</b>	No	\$500,920	\$11,662	\$512,582	\$512,582
10/1/17 to 6/30/18	Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wilson, Kathy S.	Curriculum and Instruction, Department of		100		
<b>N-126699-01</b>	<b>Career-Technical and Adult Education</b>	No	\$10,000	\$0	\$10,000	\$10,000
7/1/17 to 6/30/18	Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Landversicht, Eric D.	Curriculum and Instruction, Department of		100		
<b>N-127048-01</b>	<b>SuccessBound Conference - Northwest Ohio Tech Prep</b>	No	\$9,259	\$741	\$10,000	\$10,000
7/1/17 to 6/30/18	Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wilson, Kathy S.	Curriculum and Instruction, Department of		96		
Co-I	Landversicht, Eric D.	Curriculum and Instruction, Department of		4		
<b>R-106314-19</b>	<b>CTE Teacher Preparation and Retention</b>	No	\$95,078	\$4,922	\$100,000	\$100,000
7/1/17 to 6/30/18	U.S. Department of Education through Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Landversicht, Eric D.	Curriculum and Instruction, Department of		100		

## Education - Judith Herb College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Curriculum and Instruction, Department of</b>						
<b>R-122824-06</b>	<b>Tech Prep Pathways Grant</b>	<b>No</b>	<b>\$157,437</b>	<b>\$0</b>	<b>\$157,437</b>	<b>\$157,437</b>
<i>7/1/17 to 9/30/17 Ohio Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wilson, Kathy S.	Curriculum and Instruction, Department of			100	
Sum of Department ( <b>Curriculum and Instruction, Departme</b> )						Award Count: <b>7.22</b> <b>\$2,091,932</b>
<b>Dean-Education</b>						
<b>N-126496-01</b>	<b>Ohio Innovations Grant--P-16 Pathways of Promise (P3)</b>	<b>No</b>	<b>\$185,186</b>	<b>\$14,814</b>	<b>\$200,000</b>	<b>\$100,000</b>
<i>7/30/17 to 7/31/19 Ohio Department of Higher Education through Bowling Green State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keil, Virginia L.	Dean-Education			50	
Co-PI	Ashburner, Brian P.	Biological Sciences, Department of			17	
Co-PI	Romer, Terence G.	Med Microbiology & Immunology, Department of			0	
Co-PI	Schneider, Rebecca M.	Curriculum and Instruction, Department of			17	
Co-PI	Stone, Gregory	Educational Foundations and Leadership			16	
Sum of Department ( <b>Dean-Education</b> )						Award Count: <b>0.50</b> <b>\$100,000</b>
<b>Early Childhood, Physical, and Special Education</b>						
<b>C-123327-05</b>	<b>Project LEA: Leading Educators in Advancing Inclusive Early Education</b>	<b>No</b>	<b>\$226,662</b>	<b>\$6,023</b>	<b>\$232,685</b>	<b>\$232,685</b>
<i>10/1/17 to 9/30/18 U.S. Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Dinnebeil, Laurie A.	Early Childhood, Physical, and Special Education			100	
Co-I	Cancio, Edward J.	Early Childhood, Physical, and Special Education				
<b>C-125940-02</b>	<b>Project Open House--Better Child Care for the Student with Developmental Disabilities</b>	<b>No</b>	<b>\$45,455</b>	<b>\$4,545</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>1/1/18 to 12/31/18 Administration for Children and Families through Ohio Developmental Disabilities Planning Council</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Dinnebeil, Laurie A.	Early Childhood, Physical, and Special Education			50	
Co-I	McInerney, William F.	Early Childhood, Physical, and Special Education			50	
<b>N-126050-01</b>	<b>NURTURES Phase II: Expansion and Evaluation</b>	<b>No</b>	<b>\$765,148</b>	<b>\$225,933</b>	<b>\$991,081</b>	<b>\$99,108</b>
<i>9/1/17 to 8/31/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of			75	
Co-PI	Hapgood, Susanna	Curriculum and Instruction, Department of			10	
Co-PI	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education			10	
Co-PI	Molitor, Scott C.	Bioengineering, Department of			5	



## Education - Judith Herb College of

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					<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Early Childhood, Physical, and Special Education</b>									
<b>N-126446-01</b>	<b>Design, Develop, and Pilot Implementation of An Integrated Dual Licensure (Middle Grades and Intervention Specialist) Teacher Education and Master's Degree Program</b>				<b>No</b>	<b>\$115,701</b>	<b>\$9,256</b>	<b>\$124,957</b>	
<i>8/21/17 to 6/30/18</i>	<i>Ohio Deans Compact on Exceptional Children</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>		
PI/PD	Templin, Mark Arnold	Curriculum and Instruction, Department of					100		
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of							
Co-I	Devlin, Patricia	Early Childhood, Physical, and Special Education							
Co-I	Sandt, Dawn D.	Early Childhood, Physical, and Special Education							
Sum of Department ( <b>Early Childhood, Physical, and Specia</b> )								Award Count: <b>2.10</b>	<b>\$381,793</b>

## Educational Foundations and Leadership

<b>N-126496-01</b>	<b>Ohio Innovations Grant--P-16 Pathways of Promise (P3)</b>				<b>No</b>	<b>\$185,186</b>	<b>\$14,814</b>	<b>\$200,000</b>	<b>\$32,000</b>
<i>7/30/17 to 7/31/19</i>	<i>Ohio Department of Higher Education through Bowling Green State University</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>		
PI/PD	Keil, Virginia L.	Dean-Education					50		
Co-PI	Ashburner, Brian P.	Biological Sciences, Department of					17		
Co-PI	Romer, Terence G.	Med Microbiology & Immunology, Department of					0		
Co-PI	Schneider, Rebecca M.	Curriculum and Instruction, Department of					17		
Co-PI	Stone, Gregory	Educational Foundations and Leadership					16		
Sum of Department ( <b>Educational Foundations and Leaders</b> )								Award Count: <b>0.16</b>	<b>\$32,000</b>
Sum of College ( <b>Education - Judith Herb College of</b> )								Award Count: <b>9.98</b>	<b>\$2,605,726</b>

## Engineering, College of

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					<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Administration, College of Engineering</b>									
<b>C-126436-02</b>	<b>Ohio Means Internships &amp; Co-ops (OMIC 4.0)</b>				<b>No</b>	<b>\$42,500</b>	<b>\$0</b>	<b>\$42,500</b>	<b>\$0</b>
<i>7/1/17 to 12/31/19</i>	<i>Ohio Department of Higher Education through Bowling Green State University</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>		
PI/PD	Gorny, Angela Marie	Engineering Career Development					100		
PI/PD	Kuntz, Vickie L.	Administration, College of Engineering					0		

## Engineering, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Administration, College of Engineering</b>							
<b>N-126452-01</b>	<b>Understanding How Integrated Computational Thinking, Engineering Design, and Mathematics Can Help Students Solve Scientific and Technical Problems in Career Technical Education</b>		<b>No</b>	<b>\$1,377,268</b>	<b>\$440,891</b>	<b>\$1,818,159</b>	<b>\$545,448</b>
<i>9/15/17 to 8/31/20</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Oluoch, Jared Onyango	Engineering Technology, Department of			40		
Co-PI	Czerniak, Charlene M.	Administration, College of Engineering			30		
Co-PI	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of			30		
Stdnt Schol	Majumder, Subhrajit	Electrical Engineering and Computer Science, Department of					
Sum of Department ( <b>Administration, College of Engineering</b> ) Award Count: <b>0.30</b>							<b>\$545,448</b>
<b>Bioengineering, Department of</b>							
<b>C-108785-01-W1</b>	<b>Finite Element Analysis of the New Pedicle Screws</b>		<b>No</b>	<b>\$4,400</b>	<b>\$1,100</b>	<b>\$5,500</b>	<b>\$5,500</b>
<i>10/1/17 to 9/30/18</i>	<i>CTL Medical Corp.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-120151-09</b>	<b>Multi-faceted Approach to Modeling ACL Injury Mechanisms</b>		<b>No</b>	<b>\$64,820</b>	<b>\$29,493</b>	<b>\$94,313</b>	<b>\$94,313</b>
<i>9/1/17 to 8/31/18</i>	<i>National Institute of Arthritis &amp; Musculoskeletal &amp; Skin Diseases through Mayo Clinic</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-124228-04-W1</b>	<b>I/UCRC: Biomechanical Evaluation of the Newly Developed Decompression Surgery Transforaminal Ventral Facetectomy</b>		<b>No</b>	<b>\$36,364</b>	<b>\$3,636</b>	<b>\$40,000</b>	<b>\$40,000</b>
<i>4/1/17 to 3/31/18</i>	<i>Johnson &amp; Johnson</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			50		
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of			50		
<b>C-124228-04-W2</b>	<b>I/UCRC: Development of Hard Antibacterial (TiN/Ag) Coatings on Orthopedic Instruments Fabricated from Ti-alloys</b>		<b>No</b>	<b>\$36,000</b>	<b>\$4,000</b>	<b>\$40,000</b>	<b>\$40,000</b>
<i>4/1/18 to 3/31/19</i>	<i>OsteoNovus, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-124228-04-W3</b>	<b>I/UCRC: Development of an Innovative Posterior Pedicle-Based Screw Device for Multilevel Semi-Dynamic Stabilization</b>		<b>No</b>	<b>\$36,364</b>	<b>\$3,636</b>	<b>\$40,000</b>	<b>\$40,000</b>
<i>10/1/17 to 9/30/18</i>	<i>Spinal Balance</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		

## Engineering, College of

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				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Bioengineering, Department of</b>								
<b>C-124228-04-W4</b>	<b>I/UCRC: Tapered reduction of cement volume in the proximal vertebrae adjacent to the fused segment may translate into a decreased rate of Proximal Junctional Kyphosis (PJK) using Calcium phosphate cement - A biomechanical investigation</b>			No	\$31,682	\$3,168	\$34,850	\$34,850
10/1/17 to 9/30/18	Spine and Scoliosis Specialists, LLC							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Agarwal, Anand Kumar	Bioengineering, Department of					
	PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-124228-04-W5</b>	<b>I/UCRC: Transporter Bed System</b>			No	\$36,364	\$3,636	\$40,000	\$40,000
6/12/17 to 6/11/18	Spider Spine							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-124228-05-W4</b>	<b>I/UCRC: Tapered reduction of cement volume in the proximal vertebrae adjacent to the fused segment may translate into a decreased rate of Proximal Junctional Kyphosis (PJK) using Calcium phosphate cement - A biomechanical investigation</b>			No	\$36,363	\$3,637	\$40,000	\$40,000
4/1/18 to 3/31/19	Spine and Scoliosis Specialists, LLC							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Agarwal, Anand Kumar	Bioengineering, Department of					
	PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-126015-02</b>	<b>Computational Models for Fracture Prediction in Growing Rods Implanted in Pediatric Scoliotic Spines</b>			No	\$33,445	\$16,555	\$50,000	\$50,000
9/17/17 to 9/14/18	Food and Drug Administration							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>C-126523-02</b>	<b>Mechanical Testing</b>			No	\$1,200	\$300	\$1,500	\$1,500
5/4/18 to 5/3/19	CTL Medical Corp.							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
<b>N-126050-01</b>	<b>NURTURES Phase II: Expansion and Evaluation</b>			No	\$765,148	\$225,933	\$991,081	\$49,554
9/1/17 to 8/31/18	National Science Foundation							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of			75		
	Co-PI	Hapgood, Susanna	Curriculum and Instruction, Department of			10		
	Co-PI	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education			10		
	Co-PI	Molitor, Scott C.	Bioengineering, Department of			5		

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Bioengineering, Department of</b>						
<b>N-126067-01</b>	<b>Next Generation Ca-P Cements for Treating Vertebral-Body Fractures</b>	No	\$77,692	\$38,458	\$116,150	
8/15/17 to 7/31/18 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
Co-PI	Goel, Vijay K.	Bioengineering, Department of				
<b>N-126324-01</b>	<b>Choose Ohio First</b>	No	\$30,520	\$0	\$30,520	\$30,520
7/1/17 to 6/30/21 <i>Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Molitor, Scott C.	Bioengineering, Department of	100			
<b>N-126326-01</b>	<b>Choose Ohio First</b>	No	\$350,000	\$0	\$350,000	\$350,000
7/1/17 to 6/30/21 <i>Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Molitor, Scott C.	Bioengineering, Department of	100			
<b>N-126360-01</b>	<b>Creating a Culture of Entrepreneurship for Engineering Colleges</b>	No	\$3,390	\$1,610	\$5,000	\$2,500
7/1/17 to 1/31/18 <i>VentureWell</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of	50			
Co-PI	Relue, Patricia Ann	Bioengineering, Department of	50			
<b>N-126375-01</b>	<b>A new technology for high yield conversion of biomass carbohydrates to furans for bioproducts</b>	No	\$342,992	\$146,995	\$489,987	\$195,995
3/15/18 to 3/14/22 <i>U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	30			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	40			
Co-I	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of	30			
<b>N-126402-01</b>	<b>Biomechanics of SI Joint</b>	No	\$20,000	\$5,000	\$25,000	\$25,000
8/1/17 to 7/31/18 <i>Si-Bone, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
<b>N-126522-01</b>	<b>4-point Bending Test of 20 Samples</b>	No	\$2,000	\$500	\$2,500	\$2,500
7/5/17 to 7/4/18 <i>Physical Optics Corp.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
Co-I	Dick, Dave C.					

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Bioengineering, Department of</b>						
<b>N-126523-01</b>	<b>Mechanical Testing</b>	No	\$4,720	\$1,180	\$5,900	\$5,900
<i>2/28/17 to 2/27/18 CTL Medical Corp.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
<b>S-124228-04-S1</b>	<b>Collaborative Research: I/UCRC for Technology Innovation for Novel Cost-Reducing and Quality-Enhancing Musculoskeletal Therapies</b>	No	\$8,000	\$0	\$8,000	\$8,000
<i>4/1/17 to 3/31/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
<b>S-124747-01-S5</b>	<b>PFI:AIR - TT: High Yield Production of Furans from Biomass Hydrolysates using a Hybrid Enzyme- and Chemo-catalytic Technology</b>	No	\$29,694	\$10,305	\$39,999	\$20,000
<i>8/1/17 to 3/31/19 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	50			
Co-PI	Relue, Patricia Ann	Bioengineering, Department of	50			
<b>S-125369-05</b>	<b>Wear analysis of the K2M artificial disc</b>	No	\$18,182	\$1,818	\$20,000	\$20,000
<i>3/3/18 to 3/2/19 K2M, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
Sum of Department (Bioengineering, Department of)					Award Count: 18.45	\$1,096,131
<b>Chemical and Environmental Engineering, Department of</b>						
<b>C-122172-07</b>	<b>Industrial Consortium for Poly(ethylene terephthalate), PET</b>	No	\$324,350	\$0	\$324,350	\$97,305
<i>7/1/16 to 6/30/18 PET Research Consortium &amp; Active Barrier Research Consortium Members</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Polymer Institute	70			
Co-PI	Coleman, Maria R.	Chemical and Environmental Engineering, Department of	30			
<b>C-125107-03</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	No	\$1,018,772	\$483,916	\$1,502,688	\$300,538
<i>1/4/18 to 1/3/19 National Aeronautics and Space Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of	60			
Co-I	Lipscomb, Glenn	Chemical and Environmental Engineering, Department of	20			
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	20			

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Chemical and Environmental Engineering, Department of</b>						
<b>N-125928-01</b>	<b>Altering Wax Appearance Using Shear and Pressure</b>	No	\$110,000	\$0	\$110,000	\$110,000
9/1/17 to 8/31/19 <i>American Chemical Society</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	100		
<b>N-125929-01</b>	<b>Developing problem solving skills using student-generated problems that reverse engineer YouTube videos</b>	No	\$200,575	\$99,286	\$299,861	\$299,861
8/1/17 to 7/31/19 <i>National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	100		
	Co-PI	Czerniak, Charlene M.	Curriculum and Instruction, Department of	0		
<b>N-125957-01</b>	<b>PFI:AIR - TT: Multifunctional Underwater Sealants with Long-Term Sustained Release Functionality</b>	No	\$135,414	\$64,321	\$199,735	\$149,801
7/1/17 to 12/31/18 <i>National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Lapitsky, Yakov	Chemical and Environmental Engineering, Department of	50		
	Co-I	Izzi, Anne Marie	Research & Sponsored Programs			
	Co-I	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	25		
	Co-I	Pollard, Katherine Ann	Research & Sponsored Programs			
	Co-I	Seo, Youngwoo	Civil Engineering, Department of	25		
<b>N-126081-01</b>	<b>Scalable, Single Step Melt Processing of Anion Exchange Membranes</b>	No	\$40,678	\$19,322	\$60,000	\$60,000
9/1/17 to 5/31/18 <i>Army Research Office</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	100		
<b>N-126224-01</b>	<b>Integrating and Optimizing Red Rock Biofuels' Feedstock Handling &amp; Feed Systems Using State-of-the-Art Computational Tools</b>	No	\$140,007	\$59,993	\$200,000	\$200,000
5/22/18 to 5/21/21 <i>U.S. Department of Energy through Alliance for Sustainable Energy LLC</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	100		
<b>N-126329-01</b>	<b>A comprehensive strategy for stable, high productivity cultivation of microalgae with controllable biomass composition</b>	No	\$2,093,150	\$304,548	\$2,397,698	\$2,397,698
9/30/17 to 6/30/20 <i>U.S. Department of Energy</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of	80		
	Co-I	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	20		

## Engineering, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Chemical and Environmental Engineering, Department of</b>								
<b>N-126375-01</b>	<b>A new technology for high yield conversion of biomass carbohydrates to furans for bioproducts</b>		<b>No</b>	<b>\$342,992</b>	<b>\$146,995</b>	<b>\$489,987</b>	<b>\$293,992</b>	
<i>3/15/18 to 3/14/22</i>	<i>U.S. Department of Agriculture</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of				30		
Co-I	Relue, Patricia Ann	Bioengineering, Department of				40		
Co-I	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of				30		
<b>N-126393-01</b>	<b>Meeting: Support of Student Participation in the 2017 International Congress on Membranes and Membrane Processes, July 29-August4, 2017, San Francisco, CA</b>		<b>No</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$10,000</b>	
<i>7/15/17 to 12/31/17</i>	<i>National Science Foundation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Lipscomb, Glenn	Chemical and Environmental Engineering, Department of				100		
<b>N-126429-01</b>	<b>Experiment</b>		<b>No</b>	<b>\$2,895</b>	<b>\$0</b>	<b>\$2,895</b>	<b>\$2,895</b>	
<i>7/1/17 to 6/30/18</i>	<i>Experiment through University of Toledo Foundation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of				100		
<b>S-124747-01-S5</b>	<b>PFI:AIR - TT: High Yield Production of Furans from Biomass Hydrolysates using a Hybrid Enzyme- and Chemo-catalytic Technology</b>		<b>No</b>	<b>\$29,694</b>	<b>\$10,305</b>	<b>\$39,999</b>	<b>\$20,000</b>	
<i>8/1/17 to 3/31/19</i>	<i>National Science Foundation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of				50		
Co-PI	Relue, Patricia Ann	Bioengineering, Department of				50		
Sum of Department (Chemical and Environmental Engineer							Award Count: 9.35	<b>\$3,942,090</b>
<b>Civil Engineering, Department of</b>								
<b>C-126299-01-W2</b>	<b>Transportation Asset Management</b>		<b>No</b>	<b>\$60,956</b>	<b>\$23,442</b>	<b>\$84,398</b>	<b>\$84,398</b>	
<i>4/13/18 to 4/26/19</i>	<i>Ohio Department of Transportation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of				100		

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Civil Engineering, Department of</b>						
<b>N-125957-01</b>	<b>PFI:AIR - TT: Multifunctional Underwater Sealants with Long-Term Sustained Release Functionality</b>	<b>No</b>	<b>\$135,414</b>	<b>\$64,321</b>	<b>\$199,735</b>	<b>\$49,934</b>
<i>7/1/17 to 12/31/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lapitsky, Yakov	Chemical and Environmental Engineering, Department of	50			
Co-I	Izzi, Anne Marie	Research & Sponsored Programs				
Co-I	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	25			
Co-I	Pollard, Katherine Ann	Research & Sponsored Programs				
Co-I	Seo, Youngwoo	Civil Engineering, Department of	25			
<b>N-126207-01</b>	<b>I-Corps Phase State Water Sensor</b>	<b>No</b>	<b>\$45,000</b>	<b>\$5,000</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>7/1/17 to 8/31/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			
<b>N-126296-01</b>	<b>Kaynamaile Deicing Study</b>	<b>No</b>	<b>\$13,546</b>	<b>\$6,292</b>	<b>\$19,838</b>	<b>\$19,838</b>
<i>7/1/17 to 6/30/18 HNTB Ohio, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			
<b>N-126299-01</b>	<b>Transportation Asset Management</b>	<b>No</b>	<b>\$118,324</b>	<b>\$0</b>	<b>\$118,324</b>	<b>\$82,827</b>
<i>1/1/17 to 12/31/18 Ohio Department of Transportation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of	70			
Co-I	Xu, Yanqing	Geography and Planning, Department of	30			
<b>N-126322-01-W1</b>	<b>Port Mann Cable Snow Monitoring System</b>	<b>No</b>	<b>\$46,073</b>	<b>\$3,363</b>	<b>\$49,436</b>	<b>\$24,718</b>
<i>5/1/17 to 9/30/17 HNTB Ohio, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	50			
Co-I	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of	50			
<b>N-126322-01-W2</b>	<b>Port Mann Cable Snow Monitoring System</b>	<b>No</b>	<b>\$601,393</b>	<b>\$36,621</b>	<b>\$638,014</b>	<b>\$319,007</b>
<i>10/1/17 to 12/31/18 HNTB Ohio, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	50			
Co-I	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of	50			
<b>N-126328-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$144,000</b>	<b>\$0</b>	<b>\$144,000</b>	<b>\$144,000</b>
<i>7/1/17 to 6/30/21 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ashburner, Brian P.	Biological Sciences, Department of				
PI/PD	Randolph, Brian W.	Civil Engineering, Department of	100			



## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Civil Engineering, Department of</b>						
<b>N-126389-01</b>	<b>Evaluation of Reserve Shear Capacity of Bridge Pier Caps Using The Deep Beam Theory</b>	No	\$25,261	\$12,157	\$37,418	\$37,418
<i>8/28/17 to 12/28/18 U.S. Department of Transportation through Ohio Department of Transportation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Guner, Serhan	Civil Engineering, Department of	100			
<b>N-126736-01</b>	<b>Regionally Aligned Priorities in Delivering Skills (RAPIDS)</b>	No	\$181,902	\$0	\$181,902	\$90,951
<i>1/5/18 to 1/5/20 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Beall, Linda S.	Engineering Technology, Department of	50			
Co-PI	Randolph, Brian W.	Civil Engineering, Department of	50			
<b>N-126771-01</b>	<b>Cyclic Load Behavior of Helical Pile Anchorages</b>	No	\$27,210	\$0	\$27,210	\$27,210
<i>4/1/18 to 3/31/19 Deep Foundations Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Guner, Serhan	Civil Engineering, Department of	100			
<b>N-126954-01-W1</b>	<b>Overhead Sign Failure Investigation</b>	No	\$32,639	\$12,163	\$44,802	\$22,401
<i>5/2/18 to 2/2/19 Ohio Department of Transportation through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	25			
Co-PI	Imanieh, Mahammad Hasan	Polymer Institute	25			
Co-PI	Lawrence, Joseph G.	Polymer Institute	25			
Co-I	Guner, Serhan	Civil Engineering, Department of	25			
<b>R-105227-23</b>	<b>Indoor Radon</b>	No	\$30,000	\$0	\$30,000	\$30,000
<i>10/1/17 to 9/30/18 U.S. Environmental Protection Agency through Ohio Department of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kumar, Ashok	Civil Engineering, Department of	100			
<b>R-125290-02</b>	<b>Task 1 - Assessment of the Load Rating of Bridges with RF &gt; 1.35 to Meet Special Hauling Vehicle Requirements</b>	No	\$11,612	\$3,183	\$14,795	\$14,795
<i>9/2/17 to 6/1/18 U.S. Department of Transportation through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			
<b>S-125290-01-S1</b>	<b>Task 1 - Assessment of the Load Rating of Bridges with RF &gt; 1.35 to Meet Special Hauling Vehicle Requirements</b>	No	\$3,000	\$0	\$3,000	\$3,000
<i>11/5/15 to 9/5/16 U.S. Department of Transportation through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			

Sum of Department (Civil Engineering, Department of) Award Count: 11.95 \$1,000,497

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Electrical Engineering and Computer Science, Department of</b>						
<b>C-125299-02</b>	<b>Study of Early Brain Alterations that Predict Development of Chronic PTSD</b>	No	\$488,874	\$191,128	\$680,002	
<i>7/1/17 to 6/30/18 National Institute on Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Xin	Psychiatry, Department of	100			
Co-I	Brickman, Kristopher R.	Surgery, Department of				
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Rapport, Daniel J.	Psychiatry, Department of				
Co-I	Tull, Matthew T.	Psychology, Department of				
Co-I	Xie, Hong	Neurosciences, Department of				
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of				
<b>C-125434-02</b>	<b>High Temperature Magnetic Materials</b>	No	\$64,393	\$12,878	\$77,271	\$25,499
<i>2/1/17 to 1/31/18 Ohio Federal Research Network through Case Western Reserve University/Case Medical Center</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hebron, Michael J.	Physics and Astronomy, Department of	34			
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Science, Department of	33			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	33			
<b>C-125657-02</b>	<b>Episodic Memory Reconstruction for UAV Behavior Explanation</b>	No	\$87,119	\$41,381	\$128,500	\$128,500
<i>8/14/17 to 12/17/18 Air Force Research Laboratory through Soar Technology</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Devabhaktuni, Vijaya Kumar	Electrical Engineering and Computer Science, Department of	50			
Co-PI	Kaur, Devinder	Electrical Engineering and Computer Science, Department of	17			
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of	33			
<b>C-125684-02</b>	<b>Development of Next Generation Physics and Circuit Simulation Gallium Nitride Power Transistor Models with Added Gate Reliability Analysis for Improved Normally Off Operation</b>	No	\$52,961	\$47,972	\$100,933	\$100,933
<i>9/1/17 to 12/31/18 Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science, Department of	100			
<b>N-126452-01</b>	<b>Understanding How Integrated Computational Thinking, Engineering Design, and Mathematics Can Help Students Solve Scientific and Technical Problems in Career Technical Education</b>	No	\$1,377,268	\$440,891	\$1,818,159	\$545,448
<i>9/15/17 to 8/31/20 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Oluoch, Jared Onyango	Engineering Technology, Department of	40			
Co-PI	Czerniak, Charlene M.	Administration, College of Engineering	30			
Co-PI	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of	30			
Stdnt Schol	Majumder, Subhrajit	Electrical Engineering and Computer Science, Department of				

## Engineering, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Electrical Engineering and Computer Science, Department of</b>								
<b>R-125567-03</b>	<b>Assessment of Team Dynamics Using Adaptive Modeling of Biometric Data</b>		<b>No</b>	<b>\$27,634</b>	<b>\$7,185</b>	<b>\$34,819</b>	<b>\$34,819</b>	
<i>5/16/18 to 12/31/18</i>	<i>Air Force Research Laboratory through Dayton Area Graduate Studies Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Devabhaktuni, Vijaya Kumar	Electrical Engineering and Computer Science, Department of			100			
Sum of Department ( <b>Electrical Engineering and Computer S</b> )							<b>Award Count: 3.63</b>	<b>\$835,199</b>
<b>Engineering Career Development</b>								
<b>C-126436-02</b>	<b>Ohio Means Internships &amp; Co-ops (OMIC 4.0)</b>		<b>No</b>	<b>\$42,500</b>	<b>\$0</b>	<b>\$42,500</b>	<b>\$42,500</b>	
<i>7/1/17 to 12/31/19</i>	<i>Ohio Department of Higher Education through Bowling Green State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Gorny, Angela Marie	Engineering Career Development			100			
PI/PD	Kuntz, Vickie L.	Administration, College of Engineering			0			
<b>N-126435-01</b>	<b>Ohio Means Internships &amp; Co-ops (OMIC 2.5)</b>		<b>No</b>	<b>\$20,240</b>	<b>\$1,760</b>	<b>\$22,000</b>	<b>\$22,000</b>	
<i>7/1/15 to 12/31/18</i>	<i>Ohio Department of Higher Education through Bowling Green State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Gorny, Angela Marie	Engineering Career Development			100			
Sum of Department ( <b>Engineering Career Development</b> )							<b>Award Count: 2.00</b>	<b>\$64,500</b>
<b>Engineering Technology, Department of</b>								
<b>N-126452-01</b>	<b>Understanding How Integrated Computational Thinking, Engineering Design, and Mathematics Can Help Students Solve Scientific and Technical Problems in Career Technical Education</b>		<b>No</b>	<b>\$1,377,268</b>	<b>\$440,891</b>	<b>\$1,818,159</b>	<b>\$727,264</b>	
<i>9/15/17 to 8/31/20</i>	<i>National Science Foundation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Oluoch, Jared Onyango	Engineering Technology, Department of			40			
Co-PI	Czerniak, Charlene M.	Administration, College of Engineering			30			
Co-PI	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of			30			
Stdnt Schol	Majumder, Subhrajit	Electrical Engineering and Computer Science, Department of						
<b>N-126736-01</b>	<b>Regionally Aligned Priorities in Delivering Skills (RAPIDS)</b>		<b>No</b>	<b>\$181,902</b>	<b>\$0</b>	<b>\$181,902</b>	<b>\$90,951</b>	
<i>1/5/18 to 1/5/20</i>	<i>Ohio Department of Higher Education</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Beall, Linda S.	Engineering Technology, Department of			50			
Co-PI	Randolph, Brian W.	Civil Engineering, Department of			50			
Sum of Department ( <b>Engineering Technology, Department</b> )							<b>Award Count: 0.90</b>	<b>\$818,215</b>
<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>								

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<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>C-119911-12</b>	<b>Turbomachinery Computational Aero-Acoustics Research</b>	No	\$98,097	\$31,773	\$129,870	\$129,870
6/1/17 to 11/30/17	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-119911-13</b>	<b>Turbomachinery Computational Aero-Acoustics Research</b>	No	\$34,566	\$13,989	\$48,555	\$48,555
12/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-119911-14</b>	<b>Turbomachinery Computational Aero-Acoustics Research</b>	No	\$58,700	\$16,730	\$75,430	\$75,430
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-123135-03</b>	<b>Small Turbine Institute Consortium</b>	No	\$26,926	\$8,616	\$35,542	\$35,542
7/1/17 to 6/30/18	Small Turbine Institute Consortium					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-123604-09</b>	<b>VPL-12-051 Multistage Turbomachinery Advanced Computational Tool Development W141</b>	No	\$58,296	\$15,157	\$73,453	\$73,453
10/1/17 to 11/30/17	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-123604-10</b>	<b>VPL-12-051 Multistage Turbomachinery Advanced Computational Tool Development W141</b>	No	\$119,640	\$23,928	\$143,568	\$143,568
12/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-123604-11</b>	<b>VPL-12-051 Multistage Turbomachinery Advanced Computational Tool Development W141</b>	No	\$121,032	\$24,206	\$145,238	\$145,238
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124162-05</b>	<b>Microstructural Analysis and Structure Property Relationships in Advanced Metallic Materials</b>	No	\$116,516	\$30,293	\$146,809	\$146,809
10/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		

## Engineering, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>C-124162-05-S1</b>	<b>Microstructural Analysis and Structure Property Relationships in Advanced Metallic Materials</b>	<b>No</b>	<b>\$78,066</b>	<b>\$20,296</b>	<b>\$98,362</b>	<b>\$98,362</b>
<i>4/1/18 to 7/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124163-05</b>	<b>Extended Durability of Materials in Aerospace Propulsion and Power Systems</b>	<b>No</b>	<b>\$100,919</b>	<b>\$26,238</b>	<b>\$127,157</b>	<b>\$127,157</b>
<i>10/1/17 to 3/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124163-05-S1</b>	<b>Extended Durability of Materials in Aerospace Propulsion and Power Systems</b>	<b>No</b>	<b>\$67,616</b>	<b>\$17,579</b>	<b>\$85,195</b>	<b>\$85,195</b>
<i>4/1/18 to 7/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124164-05</b>	<b>Analysis for Future Aircraft Propulsion Systems</b>	<b>No</b>	<b>\$47,675</b>	<b>\$12,395</b>	<b>\$60,070</b>	<b>\$60,070</b>
<i>10/1/17 to 3/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124164-05-S1</b>	<b>Analysis for Future Aircraft Propulsion Systems</b>	<b>No</b>	<b>\$53,370</b>	<b>\$13,876</b>	<b>\$67,246</b>	<b>\$67,246</b>
<i>4/1/18 to 7/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
<b>C-124208-05</b>	<b>Aeroelastic Analysis for Boundary Layer Ingesting Inlet-Fan</b>	<b>No</b>	<b>\$121,880</b>	<b>\$31,689</b>	<b>\$153,569</b>	<b>\$153,569</b>
<i>10/1/17 to 3/31/18 NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>C-124208-06</b>	<b>Aeroelastic Analysis for Boundary Layer Ingesting Inlet-Fan</b>	No	\$61,857	\$16,082	\$77,939	\$77,939
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-124216-05</b>	<b>Analysis and Testing of Advanced Materials and Structures (85T.08)</b>	No	\$93,212	\$24,235	\$117,447	\$117,447
10/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-124216-05-S1</b>	<b>Analysis and Testing of Advanced Materials and Structures (85T.08)</b>	No	\$62,899	\$16,354	\$79,253	\$79,253
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-124218-05</b>	<b>Advanced Aerospace Seals Research</b>	No	\$89,786	\$23,344	\$113,130	\$113,130
10/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-124218-05-S1</b>	<b>Advanced Aerospace Seals Research</b>	No	\$57,214	\$14,876	\$72,090	\$72,090
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125269-03-S1</b>	<b>Computational Investigation of Turbine Aerodynamics and Heat Transfer-GlennHT CFD Analysis (WO #14)</b>	No	\$9,398	\$1,879	\$11,277	\$11,277
10/1/17 to 11/30/17	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125269-04</b>	<b>Computational Investigation of Turbine Aerodynamics and Heat Transfer-GlennHT CFD Analysis (WO #14)</b>	No	\$18,368	\$3,674	\$22,042	\$22,042
12/1/17 to 3/31/18	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	

## Engineering, College of

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<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>C-125269-05</b>	<b>Computational Investigation of Turbine Aerodynamics and Heat Transfer-GlennHT CFD Analysis (WO #14)</b>	<b>No</b>	<b>\$18,581</b>	<b>\$3,716</b>	<b>\$22,297</b>	<b>\$22,297</b>
<i>4/1/18 to 7/31/18</i>	<i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125830-03</b>	<b>Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations</b>	<b>No</b>	<b>\$63,721</b>	<b>\$16,567</b>	<b>\$80,288</b>	<b>\$80,288</b>
<i>10/1/17 to 3/31/18</i>	<i>National Aeronautics and Space Administration through Universities Space Research Association</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125830-03-S1</b>	<b>Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations</b>	<b>No</b>	<b>\$42,692</b>	<b>\$11,101</b>	<b>\$53,793</b>	<b>\$53,793</b>
<i>4/1/18 to 7/31/18</i>	<i>National Aeronautics and Space Administration through Universities Space Research Association</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125891-02</b>	<b>High Temperature Materials and Coatings for Extreme Environments - OY3</b>	<b>No</b>	<b>\$70,677</b>	<b>\$18,376</b>	<b>\$89,053</b>	<b>\$89,053</b>
<i>10/1/17 to 3/31/18</i>	<i>NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-125891-02-S1</b>	<b>High Temperature Materials and Coatings for Extreme Environments - OY3</b>	<b>No</b>	<b>\$47,353</b>	<b>\$12,313</b>	<b>\$59,666</b>	<b>\$59,666</b>
<i>4/1/18 to 7/31/18</i>	<i>NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-126256-02</b>	<b>Advanced Aerospace Seals Research for Reimbursements Interagency Agreement With DARPA-OYr3</b>	<b>No</b>	<b>\$54,121</b>	<b>\$14,071</b>	<b>\$68,192</b>	<b>\$68,192</b>
<i>10/1/17 to 3/31/18</i>	<i>NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	

## Engineering, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>							
<b>C-126256-04</b>	<b>Advanced Aerospace Seals Research for Reimbursements Interagency Agreement With DARPA-OYr4</b>		<b>No</b>	<b>\$12,216</b>	<b>\$3,175</b>	<b>\$15,391</b>	<b>\$15,391</b>
4/1/18 to 7/31/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				100	
<b>N-126067-01</b>	<b>Next Generation Ca-P Cements for Treating Vertebral-Body Fractures</b>		<b>No</b>	<b>\$77,692</b>	<b>\$38,458</b>	<b>\$116,150</b>	<b>\$116,150</b>
8/15/17 to 7/31/18	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of				100	
Co-PI	Goel, Vijay K.	Bioengineering, Department of					
<b>N-126322-01-W1</b>	<b>Port Mann Cable Snow Monitoring System</b>		<b>No</b>	<b>\$46,073</b>	<b>\$3,363</b>	<b>\$49,436</b>	<b>\$24,718</b>
5/1/17 to 9/30/17	HNTB Ohio, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nims, Douglas K.	Civil Engineering, Department of				50	
Co-I	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of				50	
<b>N-126322-01-W2</b>	<b>Port Mann Cable Snow Monitoring System</b>		<b>No</b>	<b>\$601,393</b>	<b>\$36,621</b>	<b>\$638,014</b>	<b>\$319,007</b>
10/1/17 to 12/31/18	HNTB Ohio, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nims, Douglas K.	Civil Engineering, Department of				50	
Co-I	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of				50	
<b>N-126360-01</b>	<b>Creating a Culture of Entrepreneurship for Engineering Colleges</b>		<b>No</b>	<b>\$3,390</b>	<b>\$1,610</b>	<b>\$5,000</b>	<b>\$2,500</b>
7/1/17 to 1/31/18	VentureWell						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of				50	
Co-PI	Relue, Patricia Ann	Bioengineering, Department of				50	
<b>N-126553-01</b>	<b>Scalable Nanomanufacturing of Two-Dimensional Materials by High Speed Compressible Gas Flow Exfoliation</b>		<b>No</b>	<b>\$266,621</b>	<b>\$131,977</b>	<b>\$398,598</b>	<b>\$398,598</b>
6/1/18 to 5/31/21	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Rizvi, Syed Reza Ur Rehman	Mechanical, Industrial, and Manufacturing Engineering, Department of				100	
Stdnt Schol	Messer, Derek Keith	Mechanical, Industrial, and Manufacturing Engineering, Department of					
<b>N-126705-01</b>	<b>NASA Robotic Mining Competition</b>		<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>
10/8/17 to 10/7/18	Ohio Space Grant Consortium						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of				100	
Stdnt Schol	Grosswiler, Aaron Joshua	Mechanical, Industrial, and Manufacturing Engineering, Department of					



## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>N-126920-01</b>	<b>Improvement of high-frequency pipe welding process</b>	No	\$22,641	\$7,359	\$30,000	\$30,000
1/1/18 to 12/31/19	Shandong XinHeYuan Heat Transfer Technology Co., Ltd.					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Zhang, Hongyan	Mechanical, Industrial, and Manufacturing Engineering, Department of	100		
<b>N-127015-01</b>	<b>Advanced Aerospace Seals Research for Reimbursable Task Plan with Sierra Nevada</b>	No	\$20,607	\$5,358	\$25,965	\$25,965
5/1/18 to 8/29/18	NASA John H. Glenn Research Center at Lewis Field through Universities Space Research Association					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100		
<b>S-125430-01-S1</b>	<b>Adaptive Bio-inspired Aerospace Structures Actuated by Shape Memory Alloys</b>	No	\$76,102	\$15,221	\$91,323	\$91,323
2/1/18 to 9/15/18	Ohio Federal Research Network through University of Dayton Research Institute					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	100		
Sum of Department (Mechanical, Industrial, and Manufactu						Award Count: 35.50
						\$3,285,183
<b>Polymer Institute</b>						
<b>C-122172-07</b>	<b>Industrial Consortium for Poly(ethylene terephthalate), PET</b>	No	\$324,350	\$0	\$324,350	\$227,045
7/1/16 to 6/30/18	PET Research Consortium & Active Barrier Research Consortium Members					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Lawrence, Joseph G.	Polymer Institute	70		
	Co-PI	Coleman, Maria R.	Chemical and Environmental Engineering, Department of	30		
<b>N-126294-01</b>	<b>Process Optimization for Additive Manufacturing of Conductive Nylon Composites</b>	No	\$30,450	\$8,983	\$39,433	\$39,433
7/31/17 to 6/30/18	Eaton Corporation					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Lawrence, Joseph G.	Polymer Institute	100		
<b>N-126954-01-W1</b>	<b>Overhead Sign Failure Investigation</b>	No	\$32,639	\$12,163	\$44,802	\$22,401
5/2/18 to 2/2/19	Ohio Department of Transportation through Ohio University					
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Nims, Douglas K.	Civil Engineering, Department of	25		
	Co-PI	Imanieh, Mahammad Hasan	Polymer Institute	25		
	Co-PI	Lawrence, Joseph G.	Polymer Institute	25		
	Co-I	Guner, Serhan	Civil Engineering, Department of	25		
Sum of Department (Polymer Institute)						Award Count: 2.20
						\$288,879

**Graduate Studies**

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Graduate Studies, College of</b>						
<b>C-125288-02</b>	<b>Measuring The Improvements Through the Use of the Dysis™ Colposcope and the Dysismap™ in Detecting Dysplasia of the Cervix</b>	<b>No</b>	<b>\$2,308</b>	<b>\$692</b>	<b>\$3,000</b>	
<i>7/1/17 to 6/30/18 DySIS Medical Ltd.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Talmage, Lance	Obstetrics & Gynecology, Department of		100		
Co-I	Neuhoff, Ronica	Obstetrics & Gynecology, Department of				
Co-I	Smaili, Sleiman K.	Graduate Studies, College of				
<b>C-125671-02</b>	<b>A Phase 3 Study to Evaluate the Safety and Efficacy of Elagolix in Combination with Estradiol/Norethindrone Acetate in Subjects with Moderate to Severe Endometriosis-Associated Pain Protocol No. M14-702</b>	<b>No</b>	<b>\$5,149</b>	<b>\$1,545</b>	<b>\$6,694</b>	<b>\$5,355</b>
<i>5/23/17 to 5/22/18 AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Smaili, Sleiman K.	Graduate Studies, College of		80		
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of		20		
<b>N-125527-01</b>	<b>A Phase 3 Study to Evaluate the Efficacy and Safety of Elagolix in Combination with Estradiol/Norethindrone Acetate for the Management of Heavy Menstrual Bleeding Associated with Uterine Fibroids in Premenopausal Women</b>	<b>Yes</b>	<b>\$69,873</b>	<b>\$20,962</b>	<b>\$90,835</b>	<b>\$45,417</b>
<i>2/29/16 to 2/28/18 AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Neuhoff, Ronica	Obstetrics & Gynecology, Department of		35		
PI/PD	Smaili, Sleiman K.	Graduate Studies, College of		50		
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of		15		
Sum of Department ( <b>Graduate Studies, College of</b> )			Award Count: <b>1.30</b>		<b>\$50,772</b>	
Sum of College ( <b>Graduate Studies</b> )			Award Count: <b>1.30</b>		<b>\$50,772</b>	

**Health & Human Services, College of**

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Administration, Health and Human Services</b>						

## Health & Human Services, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Administration, Health and Human Services</b>						
<b>N-126430-01</b>	<b>An Evaluation of the Hope and Recovery Pet (HARP) Program</b>	<b>No</b>	<b>\$17,115</b>	<b>\$1,712</b>	<b>\$18,827</b>	<b>\$7,531</b>
<i>9/16/17 to 1/15/19</i>		<i>Kenneth A. Scott Charitable Trust</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hoy-Gerlach, Janet Marie	School of Social Justice			60	
Co-I	Scheuermann, Barry William	Administration, Health and Human Services			40	
Sum of Department ( <b>Administration, Health and Human Ser</b>			Award Count: <b>0.40</b>		<b>\$7,531</b>	
<b>Occupational Therapy Program</b>						
<b>N-126938-01</b>	<b>Online Training Modules</b>	<b>No</b>	<b>\$1,887</b>	<b>\$613</b>	<b>\$2,500</b>	<b>\$2,500</b>
<i>3/1/18 to 8/31/18</i>		<i>Dana Corporation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Miller, Barbara Kopp	Occupational Therapy Program			100	
Sum of Department ( <b>Occupational Therapy Program</b> )			Award Count: <b>1.00</b>		<b>\$2,500</b>	
<b>School of Exercise Rehab Sciences</b>						
<b>N-126747-01</b>	<b>The Impact of a Glenohumeral Labrum Injury on Neuromuscular Control of Shoulder Girdle Muscles</b>	<b>No</b>	<b>\$125</b>	<b>\$0</b>	<b>\$125</b>	<b>\$125</b>
<i>3/1/18 to 2/28/19</i>		<i>Ohio Athletic Trainers' Association</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Norte, Grant Edward	School of Exercise Rehab Sciences				
Co-PI	Ingersoll, Christopher Daniel	School of Exercise Rehab Sciences				
Co-PI	Takeno, Katsumi	School of Exercise Rehab Sciences			100	
<b>N-126788-01</b>	<b>Hamstrings neuromuscular function in healthy patients: a feasibility study</b>	<b>No</b>	<b>\$200</b>	<b>\$0</b>	<b>\$200</b>	<b>\$200</b>
<i>1/15/18 to 1/14/19</i>		<i>Ohio Athletic Trainers' Association</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Norte, Grant Edward	School of Exercise Rehab Sciences			100	
Co-I	Walker, Johnny	School of Exercise Rehab Sciences				
<b>N-126818-01</b>	<b>The Contribution of ICAM-1 in Muscle Regeneration after Injury</b>	<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>5/1/18 to 4/30/19</i>		<i>American College of Sports Medicine Foundation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Pizza, Francis Xavier	School of Exercise Rehab Sciences			100	
<b>N-127080-01</b>	<b>Influence of Muscle Motor Point Identification on Quadriceps Function Following Neuromuscular Electrical Stimulation</b>	<b>No</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$1,000</b>	<b>\$1,000</b>
<i>6/1/18 to 5/31/19</i>		<i>Great Lakes Athletic Trainers' Association</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Glaviano, Neal Robert	School of Exercise Rehab Sciences			100	

## Health & Human Services, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Sum of Department ( <b>School of Exercise Rehab Sciences</b> )			Award Count: <b>4.00</b>		<b>\$6,325</b>	
<b>School of Intervention &amp; Wellness</b>						
<b>N-127047-01</b>	<b>Lucas County Reentry Program</b>	<b>No</b>	<b>\$70,073</b>	<b>\$7,008</b>	<b>\$77,081</b>	<b>\$77,081</b>
<i>6/22/18 to 9/30/19</i>	<i>Criminal Justice Coordinating Council</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Laux, John Micah	School of Intervention & Wellness	100			
Sum of Department ( <b>School of Intervention &amp; Wellness</b> )			Award Count: <b>1.00</b>		<b>\$77,081</b>	
<b>School of Population Health</b>						
<b>C-101313-12</b>	<b>NIOSH Training Grant Project: Industrial Hygiene-UniversityToledo</b>	<b>No</b>	<b>\$70,727</b>	<b>\$1,224</b>	<b>\$71,951</b>	<b>\$17,988</b>
<i>7/1/17 to 6/30/18</i>	<i>National Institute for Occupational Safety and Health</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Security, Department of	75			
PI/PD	Ames, April L.	School of Population Health	25			
<b>C-123146-07</b>	<b>Schools as Community Hubs - Pickett</b>	<b>No</b>	<b>\$73,000</b>	<b>\$2,000</b>	<b>\$75,000</b>	<b>\$75,000</b>
<i>7/1/17 to 6/30/18</i>	<i>United Way of Greater Toledo</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Glassman, Tavis J.	School of Population Health	100			
Dir Ctr/Inst	Avery, Jetahn N.	School of Population Health				
<b>C-123147-07</b>	<b>Community Schools as Hubs - Robinson</b>	<b>No</b>	<b>\$73,000</b>	<b>\$2,000</b>	<b>\$75,000</b>	<b>\$75,000</b>
<i>7/1/17 to 6/30/18</i>	<i>United Way of Greater Toledo</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Glassman, Tavis J.	School of Population Health	100			
Dir Ctr/Inst	Hensel, Nolan J.	School of Population Health				
<b>C-125598-03</b>	<b>Promedica Ebeid Institute for Population Health Evaluation</b>	<b>No</b>	<b>\$31,894</b>	<b>\$6,379</b>	<b>\$38,273</b>	<b>\$38,273</b>
<i>1/1/18 to 12/31/18</i>	<i>ProMedica Health System</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dake, Joseph	School of Population Health	100			
<b>C-126524-02-S1</b>	<b>Increasing Access of Trauma-Informed Care by CPS-Involved Youth and Families</b>	<b>No</b>	<b>\$3,600</b>	<b>\$1,170</b>	<b>\$4,770</b>	<b>\$4,770</b>
<i>9/30/17 to 9/29/18</i>	<i>Substance Abuse and Mental Health Services Administration through ProMedica Health System</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dake, Joseph	School of Population Health	100			

## Health & Human Services, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>School of Population Health</b>							
<b>N-126239-01</b>	<b>Well-being of Youth Caregivers and its Effect on Pursuing a Career in Geriatrics</b>		<b>No</b>	<b>\$7,787</b>	<b>\$0</b>	<b>\$7,787</b>	<b>\$3,115</b>
<i>7/1/17 to 6/30/18</i>	<i>National Institutes of Health through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>
PI/PD	Perion, Jennifer Joyce	School of Population Health					40
Co-I	Ames, April L.	Geography and Planning, Department of					30
Co-I	Steiner, Victoria	Medicine, Department of					30
<b>N-126471-01</b>	<b>HAB-associated Health Effects and Airborne Microcystin Levels Among Recreational Lake Users</b>		<b>No</b>	<b>\$133,737</b>	<b>\$0</b>	<b>\$133,737</b>	<b>\$93,616</b>
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>
PI/PD	Ames, April L.	School of Population Health					30
Co-I	Czajkowski, Kevin Paul	Geography and Planning, Department of					15
Co-I	Dwyer, Daryl	Environmental Sciences, Department of					15
Co-I	Saltzman, Barbara	School of Population Health					20
Co-I	Valigosky, Michael	School of Population Health					20
<b>N-126782-01</b>	<b>Feasibility of the CARREs Modules: Educating Family Caregivers of Persons with Cognitive Deficits about Potentially Avoidable Hospitalizations</b>		<b>No</b>	<b>\$2,000</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$800</b>
<i>4/1/18 to 3/31/19</i>	<i>Ohio Nurses Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>
PI/PD	Pierce, Linda	Nursing, College of					40
Co-PI	Steiner, Victoria	School of Population Health					40
Co-I	Bryan, Carol S.	Nursing, College of					20
Co-I	Chen, Huey-Shys	Nursing, College of					0
<b>N-126813-01</b>	<b>MED SAFE:A Program to Promote Prescription Drug Misuse Prevention Education for Youth</b>		<b>No</b>	<b>\$29,628</b>	<b>\$4,369</b>	<b>\$33,997</b>	<b>\$3,400</b>
<i>3/1/18 to 2/28/19</i>	<i>Cardinal Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>					<u>% Credit</u>
PI/PD	Wood, Marilynne Rita	Nursing, College of					30
Co-I	Lewandowski, Linda A.	Nursing, College of					10
Co-I	Ohns, Mary Jean	Nursing, College of					25
Co-I	Taylor, Colleen Y.	OP-Clinic-Surgery					25
Co-I	Thompson, Amy J.	School of Population Health					10

## Health & Human Services, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>School of Population Health</b>						
<b>N-127022-01</b>	<b>The Impact of a Glenohumeral Labrum Injury on Neuromuscular Control of Shoulder Girdle and Upper Extremity Muscles</b>	<b>No</b>	<b>\$2,470</b>	<b>\$0</b>	<b>\$2,470</b>	<b>\$2,470</b>
<i>6/1/18 to 5/31/19 Great Lakes Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ingersoll, Christopher Daniel	School of Population Health	100			
Co-I	Norte, Grant Edward	School of Population Health	0			
Co-I	Takeno, Katsumi	School of Population Health	0			
Sum of Department (School of Population Health) Award Count: <b>6.85</b>						<b>\$314,431</b>
<b>School of Social Justice</b>						
<b>C-124919-04</b>	<b>Healthy Start Initiative: Eliminating Racial/Ethnic Disparities</b>	<b>No</b>	<b>\$61,222</b>	<b>\$6,803</b>	<b>\$68,025</b>	<b>\$68,025</b>
<i>4/1/17 to 3/31/18 Health Resources &amp; Services Administration through Lucas County Regional Health District</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
<b>N-126430-01</b>	<b>An Evaluation of the Hope and Recovery Pet (HARP) Program</b>	<b>No</b>	<b>\$17,115</b>	<b>\$1,712</b>	<b>\$18,827</b>	<b>\$11,296</b>
<i>9/16/17 to 1/15/19 Kenneth A. Scott Charitable Trust</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hoy-Gerlach, Janet Marie	School of Social Justice	60			
Co-I	Scheuermann, Barry William	Administration, Health and Human Services	40			
<b>N-127084-01</b>	<b>Infant Vitality Community Intensive Pilot Project #04860041IV0118</b>	<b>No</b>	<b>\$29,318</b>	<b>\$2,932</b>	<b>\$32,250</b>	<b>\$32,250</b>
<i>4/1/18 to 6/30/19 Hospital Council of Northwest Ohio</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	80			
Co-I	Petra, Megan Meta	School of Social Justice	20			
<b>R-109685-08</b>	<b>Child Welfare Workforce Professional Education Program</b>	<b>No</b>	<b>\$115,000</b>	<b>\$8,250</b>	<b>\$123,250</b>	<b>\$123,250</b>
<i>7/1/17 to 6/30/18 Administration for Children and Families through Ohio Department of Jobs and Family Services</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Prior, Michael	School of Social Justice	100			
<b>R-125245-03</b>	<b>Human Trafficking Pathways Project</b>	<b>No</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$35,000</b>
<i>1/1/18 to 12/31/18 Stranahan Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
<b>R-125544-03</b>	<b>Center for Student Advocacy &amp; Wellness</b>	<b>No</b>	<b>\$285,000</b>	<b>\$0</b>	<b>\$285,000</b>	<b>\$285,000</b>
<i>10/1/17 to 9/30/18 U.S. Department of Justice through Ohio Attorney General</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tucker-Gail, Kasey A.	School of Social Justice	100			

## Health & Human Services, College of

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	<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Sum of Department ( <b>School of Social Justice</b> )			Award Count: <b>5.60</b>		<b>\$554,821</b>
Sum of College ( <b>Health &amp; Human Services, College of</b> )			Award Count: <b>18.85</b>		<b>\$962,689</b>

## Human Resources & Campus Safety

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	<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>VP for HR &amp; Campus Safety</b>					
<b>N-126194-01</b> <i>9/1/17 to 8/31/18</i>	<b>No</b>	<b>\$238,426</b>	<b>\$19,074</b>	<b>\$257,500</b>	<b>\$257,500</b>
<b>Upward Bound Math &amp; Science Program</b> <i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Rogers, Pamela N.	VP for HR & Campus Safety	100		
Dir Ctr/Inst	Durham, Alisha H.	VP for HR & Campus Safety			
<b>R-110170-11</b> <i>9/1/17 to 8/31/18</i>	<b>No</b>	<b>\$402,917</b>	<b>\$25,218</b>	<b>\$428,135</b>	<b>\$428,135</b>
<b>Upward Bound Program</b> <i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Rogers, Pamela N.	VP for HR & Campus Safety	100		
Dir Ctr/Inst	Durham, Alisha H.	VP for HR & Campus Safety			
Sum of Department ( <b>VP for HR &amp; Campus Safety</b> )			Award Count: <b>2.00</b>	<b>\$685,635</b>	
Sum of College ( <b>Human Resources &amp; Campus Safety</b> )			Award Count: <b>2.00</b>	<b>\$685,635</b>	

## Medical Services

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	<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>N-126813-01</b> <i>3/1/18 to 2/28/19</i>	<b>No</b>	<b>\$29,628</b>	<b>\$4,369</b>	<b>\$33,997</b>	<b>\$8,499</b>
<b>MED SAFE:A Program to Promote Prescription Drug Misuse Prevention Education for Youth</b> <i>Cardinal Health</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Wood, Marilynne Rita	Nursing, College of	30		
Co-I	Lewandowski, Linda A.	Nursing, College of	10		
Co-I	Ohns, Mary Jean	Nursing, College of	25		
Co-I	Taylor, Colleen Y.	OP-Clinic-Surgery	25		
Co-I	Thompson, Amy J.	School of Population Health	10		

## Medical Services

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	<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Sum of Department ( <b>OP-Clinic-Surgery</b> )			Award Count: <b>0.25</b>		<b>\$8,499</b>
Sum of College ( <b>Medical Services</b> )			Award Count: <b>0.25</b>		<b>\$8,499</b>

## Medicine and Life Sciences, College of

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	<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>AHEC</b>					
<b>R-010336-24</b> <i>9/1/17 to 8/31/18</i>					
<b>AHEC Point of Service Maintenance and Enhancement</b> <i>Division of Medicine</i>	<b>No</b>	<b>\$922,458</b>	<b>\$17,578</b>	<b>\$940,036</b>	<b>\$940,036</b>
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Combs, Courtney Kay	AHEC	100		
Sum of Department ( <b>AHEC</b> )			Award Count: <b>1.00</b>		<b>\$940,036</b>

## Anesthesiology, Department of

<b>C-124079-05</b> <i>7/1/17 to 6/30/18</i>					
<b>RELIEF: A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain</b> <i>Boston Scientific Corporation</i>	<b>No</b>	<b>\$20,918</b>	<b>\$6,275</b>	<b>\$27,194</b>	<b>\$24,474</b>
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	90		
Co-I	Dugan, Amy L.	Nursing, College of	10		
<b>C-124701-04</b> <i>9/9/17 to 1/8/18</i>					
<b>PRO (Precision Retrospective Outcomes) Study</b> <i>Boston Scientific Corporation</i>	<b>No</b>	<b>\$2,635</b>	<b>\$790</b>	<b>\$3,425</b>	<b>\$3,425</b>
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	100		
<b>C-124862-03</b> <i>2/2/18 to 3/3/18</i>					
<b>WHISPER: A Randomized Controlled Study to Evaluate the Effectiveness of the Precision Spinal Cord Stimulator System at Sub-Perception Amplitude</b> <i>Boston Scientific Corporation</i>	<b>No</b>	<b>\$6,245</b>	<b>\$1,873</b>	<b>\$8,118</b>	<b>\$8,118</b>
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	100		
<b>N-126043-01</b> <i>7/1/17 to 6/30/18</i>					
<b>Medtronic Pain Fellowship</b> <i>Medtronic, Inc.</i>	<b>No</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$20,000</b>
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	100		



## Medicine and Life Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Anesthesiology, Department of</b>						
<b>N-126085-01</b>	<b>(Neuromodulation) Pain Fellowship</b>	<b>No</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>7/1/17 to 6/30/18 Boston Scientific Corporation through Boston Scientific Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	100			
<b>N-126148-01</b>	<b>Principled Design of an Augmented Reality Trainer for Medics</b>	<b>No</b>	<b>\$29,537</b>	<b>\$15,212</b>	<b>\$44,749</b>	<b>\$44,749</b>
<i>10/1/17 to 3/24/18 Defense Health Agency, Department of Defense through Aptima, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	100			
Co-I	Brainard, Daniel T.	Information Operations and Technology Management				
Co-I	Floyd-Bradstock, Tonya L.	Ctr for Creative Instruction				
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Schneider, Roy	Ctr for Creative Instruction				
<b>N-126267-01</b>	<b>ACLAMATE II Automated Cognitive Load Assessment for Medical Staff Training and Evaluation</b>	<b>No</b>	<b>\$23,110</b>	<b>\$11,901</b>	<b>\$35,011</b>	<b>\$35,011</b>
<i>9/18/17 to 5/17/18 U.S. Department of Defense through Aptima, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	100			
Co-I	Casabianca, Andrew	Anesthesiology, Department of				
Co-I	Hofmann, James	Anesthesiology, Department of				
Co-I	Nazzal, Munier M.S.	Surgery, Department of				
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Stroud, Jason Michael	Anesthesiology, Department of				
<b>N-126600-01</b>	<b>The Randomized and Controlled Noninferiority Trial to Evaluate Safety and Clinical Efficacy of the SurVeil™ Drug-Coated Balloon in the Treatment of Subjects with Stenotic Lesions of the Femoropopliteal Artery Compared to the Medtronic IN.PACT® Admiral® Drug-Coated Balloon. (TRANSCEND)</b>	<b>Yes</b>	<b>\$10,547</b>	<b>\$3,164</b>	<b>\$13,712</b>	<b>\$1,371</b>
<i>12/20/17 to 12/19/18 Surmodics, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	60			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Gupta, Rajesh	Anesthesiology, Department of	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Shafiq, Qaiser	Medicine, Department of				
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of	10			

## Medicine and Life Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Anesthesiology, Department of</b>						
<b>N-127000-01</b>	<b>Ohio Opioid Analytics Project</b>	<b>No</b>	<b>\$22,126</b>	<b>\$2,213</b>	<b>\$24,339</b>	<b>\$8,032</b>
<i>5/1/18 to 6/30/18</i>		<i>Centers for Medicare and Medicaid Services through Ohio Colleges of Medicine Government Resource Center</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of	34			
Co-I	Boose, Michelle Delores	Family Medicine, Department of	33			
Co-I	Pappada, Scott Michael	Anesthesiology, Department of	33			
<b>S-125768-01</b>	<b>TRACR-T: Tool for Rapid Assessment of Cognitive Readiness in Teams</b>	<b>No</b>	<b>\$97,068</b>	<b>\$51,932</b>	<b>\$149,000</b>	<b>\$149,000</b>
<i>9/22/17 to 3/30/19</i>		<i>Air Force Research Laboratory through Aptima, Inc</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	100			
Co-I	Casabianca, Andrew	Anesthesiology, Department of				
Co-I	Jenkins, Kimberly D.					
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Stroud, Jason Michael					
Sum of Department (Anesthesiology, Department of) Award Count: 8.33						<b>\$314,181</b>
<b>Biochemistry &amp; Cancer Biology, Department of</b>						
<b>N-125526-01-A1</b>	<b>Nuclear Receptor Chaperones in Signaling and Metabolism</b>	<b>No</b>	<b>\$150,000</b>	<b>\$80,250</b>	<b>\$230,250</b>	
<i>7/1/17 to 6/30/19</i>		<i>National Institutes of Health</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of	100			
Co-I	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of				
Co-I	Smas, Cynthia M.	Biochemistry & Cancer Biology, Department of				
<b>N-125800-01</b>	<b>Potential Role of the Novel Angiopoietin-like Protein RIFL/Angptl8 in Hepatocellular Carcinoma</b>	<b>No</b>	<b>\$50,000</b>	<b>\$26,750</b>	<b>\$76,750</b>	<b>\$76,750</b>
<i>9/1/17 to 8/31/18</i>		<i>National Cancer Institute</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smas, Cynthia M.	Biochemistry & Cancer Biology, Department of	100			
Stdnt Schol	Wang, Li	Biochemistry & Cancer Biology, Department of				
<b>N-126166-01</b>	<b>Role of nitric oxide in regulating the extracellular matrix in breast</b>	<b>No</b>	<b>\$27,273</b>	<b>\$2,727</b>	<b>\$30,000</b>	<b>\$30,000</b>
<i>7/1/17 to 6/30/18</i>		<i>Ohio Cancer Research Associates</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Furuta, Saori	Biochemistry & Cancer Biology, Department of	100			

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Biochemistry &amp; Cancer Biology, Department of</b>								
<b>N-126180-01</b>	<b>Role of CXCR4-LASP-1 axis in modulating the activity of Argonaute2-TNRC6 in breast cancer cells</b>		<b>No</b>	<b>\$27,273</b>	<b>\$2,727</b>	<b>\$30,000</b>	<b>\$30,000</b>	
<i>7/1/17 to 6/30/18</i>	<i>Ohio Cancer Research Associates</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Raman, Dayanidhi	Biochemistry & Cancer Biology, Department of			100			
Sum of Department (Biochemistry & Cancer Biology, Depa							Award Count: <b>3.00</b>	<b>\$136,750</b>
<b>Family Medicine, Department of</b>								
<b>N-127000-01</b>	<b>Ohio Opioid Analytics Project</b>		<b>No</b>	<b>\$22,126</b>	<b>\$2,213</b>	<b>\$24,339</b>	<b>\$8,032</b>	
<i>5/1/18 to 6/30/18</i>	<i>Centers for Medicare and Medicaid Services through Ohio Colleges of Medicine Government Resource Center</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of			34			
Co-I	Boose, Michelle Delores	Family Medicine, Department of			33			
Co-I	Pappada, Scott Michael	Anesthesiology, Department of			33			
Sum of Department (Family Medicine, Department of)							Award Count: <b>0.33</b>	<b>\$8,032</b>
<b>Med Microbiology &amp; Immunology, Department of</b>								
<b>C-101409-13</b>	<b>Secretarial Grant Account</b>		<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<i>7/1/17 to 6/30/18</i>	<i>American Society for Virology</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Department of			100			
<b>C-122676-05</b>	<b>Role of Complement Regulator Properdin in the Interaction between Platelets and Leukocytes</b>		<b>No</b>	<b>\$250,000</b>	<b>\$128,750</b>	<b>\$378,750</b>	<b>\$378,750</b>	
<i>5/1/18 to 4/30/19</i>	<i>National Heart, Lung &amp; Blood Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Ferreira, Viviana P.	Med Microbiology & Immunology, Department of			100			
<b>C-124969-03</b>	<b>Intravital assessment of B. burgdorferi immune clearance in skin</b>		<b>No</b>	<b>\$248,718</b>	<b>\$128,090</b>	<b>\$376,808</b>	<b>\$376,808</b>	
<i>6/1/18 to 5/31/19</i>	<i>National Institute of Allergy &amp; Infectious Diseases</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of			100			
<b>N-126476-01</b>	<b>Testing and Optimization of Microcystin Detoxing Water Biofilters</b>		<b>No</b>	<b>\$156,405</b>	<b>\$0</b>	<b>\$156,405</b>	<b>\$140,764</b>	
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			90			
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			10			

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<b>Med Microbiology &amp; Immunology, Department of</b>								
<b>N-126496-01</b>	<b>Ohio Innovations Grant--P-16 Pathways of Promise (P3)</b>		<b>No</b>	<b>\$185,186</b>	<b>\$14,814</b>	<b>\$200,000</b>	<b>\$0</b>	
7/30/17 to 7/31/19	Ohio Department of Higher Education through Bowling Green State University							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Keil, Virginia L.	Dean-Education			50			
Co-PI	Ashburner, Brian P.	Biological Sciences, Department of			17			
Co-PI	Romer, Terence G.	Med Microbiology & Immunology, Department of			0			
Co-PI	Schneider, Rebecca M.	Curriculum and Instruction, Department of			17			
Co-PI	Stone, Gregory	Educational Foundations and Leadership			16			
<b>R-120298-09</b>	<b>Choose Ohio First Scholarship Program - Bioinformatics Program</b>		<b>No</b>	<b>\$42,366</b>	<b>\$0</b>	<b>\$42,366</b>	<b>\$42,366</b>	
7/1/17 to 6/30/18	Ohio Department of Higher Education							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of			100			
<b>R-124847-02</b>	<b>Restriction of Tick-Borne Flavivirus Infection in the Natural Host</b>		<b>No</b>	<b>\$25,000</b>	<b>\$0</b>	<b>\$25,000</b>	<b>\$25,000</b>	
1/1/18 to 12/31/18	Lyme Disease Association							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			100			
Sum of Department (Med Microbiology & Immunology, Dep							Award Count: 5.90	<b>\$963,688</b>
<b>Medicine, Department of</b>								
<b>C-124183-04</b>	<b>Task Order #4 Colistin DMIM 10-0082 PK (CRM)</b>		<b>No</b>	<b>\$(41,018)</b>	<b>\$(20,919)</b>	<b>\$(61,937)</b>	<b>\$(61,937)</b>	
7/1/17 to 1/31/18	Clinical Research Management, Inc.							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Willey, James	Medicine, Department of			100			
<b>C-124630-04</b>	<b>A Multicenter, Double-blind, Randomized, Placebo-controlled, Phase 3 Study to Assess the Efficacy and Safety of Oral BPS-314d-MR Added-On to Trepstinil, Inhaled (Tyvaso®) in Subjects with Pulmonary Arterial Hypertension</b>		<b>No</b>	<b>\$5,983</b>	<b>\$1,795</b>	<b>\$7,778</b>	<b>\$7,778</b>	
7/1/17 to 6/30/18	Lung Biotechnology Inc.							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Moukarbel, George Victor	Medicine, Department of			100			
Co-I	Garris, Theresa	Medicine, Department of						
Co-I	Kahaleh, M Bashar	Medicine, Department of						
Co-I	Khouri, Samer J.	Medicine, Department of						
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine						

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<b>Medicine, Department of</b>								
<b>C-124792-03</b>	<b>Connect® MDS/AML Disease Registry</b>			<b>No</b>	<b>\$2,746</b>	<b>\$824</b>	<b>\$3,570</b>	<b>\$3,569</b>
7/1/17 to 6/30/18	<i>Celgene Corporation</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Vergheese, Cherian	Medicine, Department of				90		
Co-I	Skeel, Roland	Medicine, Department of				10		
<b>C-125087-02</b>	<b>A Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Efficacy And Safety Of Sage-547 Injection In The Treatment Of Subjects With Refractory Status Epilepticus Who Have Failed Standard Treatment</b>			<b>No</b>	<b>\$30,552</b>	<b>\$9,166</b>	<b>\$39,718</b>	<b>\$3,972</b>
5/1/17 to 3/28/18	<i>Sage Therapeutics</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Ali, Imran	Neurology, Department of				70		
Co-I	Assaly, Ragheb	Medicine, Department of				10		
Co-I	Li, Hongyan	Resid Prgm-Neurology				10		
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology				10		
<b>C-125294-03</b>	<b>A Multicenter, Open-label Extension (OLE) Study to Assess the Long-term Safety and Efficacy of Evolocumab</b>			<b>No</b>	<b>\$3,418</b>	<b>\$1,025</b>	<b>\$4,443</b>	<b>\$3,554</b>
9/16/17 to 9/16/18	<i>Amgen, Inc.</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Sheikh, Mujeeb Abdul	Medicine, Department of				60		
Co-I	Burket, Mark	Medicine, Department of				10		
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				10		
Co-I	Moukarbel, George Victor	Medicine, Department of				10		
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine				10		
<b>C-125732-02</b>	<b>Counter Regulatory Mechanisms of Cardiotonic Steroids in Cardio-Renal Syndrome</b>			<b>No</b>	<b>\$250,000</b>	<b>\$128,750</b>	<b>\$378,750</b>	<b>\$340,875</b>
4/1/18 to 3/31/19	<i>National Heart, Lung &amp; Blood Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Kennedy, David Joseph	Medicine, Department of				90		
Co-I	Haller, Steven T.	Medicine, Department of						
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5		
Co-I	Tian, Jiang	Medicine, Department of						
Co-I	Zhu, Jianglong	Chemistry and Biochemistry, Department of				5		

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Medicine, Department of</b>						
<b>C-125766-02</b>	<b>Macitentan in Pulmonary Hypertension Post-Left Ventricular Assist Device Implantation (SOPRANO). Protocol AC-055-205</b>	No	\$12,606	\$3,782	\$16,388	
6/28/17 to 2/19/18 <i>Actelion Clinical Operations, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bonnell, Mark	Surgery, Department of		100		
Co-I	Khoury, Samer J.	Medicine, Department of				
Co-I	Mueller, Connie	Surgery, Department of				
Co-I	Schwann, Thomas A.	Surgery, Department of				
<b>C-125988-02</b>	<b>A Phase 3 Randomized, Double-Blind, Active-Controlled Multicenter Study of the Long-Term Safety and Efficacy of Subcutaneous Administration of Tanezumab in Subjects with Osteoarthritis of the Hip or Knee; Protocol A4091058</b>	No	\$5,365	\$1,610	\$6,975	\$6,975
1/19/18 to 1/18/19 <i>Quintiles, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Akpononu, Basil	Medicine, Department of		85		
Co-I	Horen, Nicholas G.	Medicine, Department of		15		
<b>C-126847-02-S1</b>	<b>The Melanocortinergic pathway in glomerular disease</b>	No	\$5,416	\$2,898	\$8,314	\$8,314
4/3/18 to 5/31/19 <i>National Institute of Diabetes, Digestive &amp; Kidney Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gong, Rujun	Medicine, Department of		97		
Co-I	Dworkin, Lance	Medicine, Department of		3		
<b>C-126847-03</b>	<b>The Melanocortinergic pathway in glomerular disease</b>	No	\$227,790	\$121,868	\$349,658	\$349,658
6/1/18 to 5/31/19 <i>National Institute of Diabetes, Digestive &amp; Kidney Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gong, Rujun	Medicine, Department of		98		
Co-I	Dworkin, Lance	Medicine, Department of		2		
<b>N-121592-01</b>	<b>A Randomized, Multicenter, Double-Blind, Parallel, Placebo-Controlled Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects With Type 2 Diabetes Mellitus (The CANVAS Trial)</b>	Yes	\$1,200	\$300	\$1,500	\$1,500
2/24/10 to 1/31/19 <i>Janssen Research &amp; Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Akpononu, Basil	Medicine, Department of		100		
Co-I	Bittar, Samih	Medicine, Department of				
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine				

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<b>Medicine, Department of</b>							
<b>N-122011-01</b>	<b>A Multicenter, Randomized, Active-Control, Phase 3B Study to Evaluate the Cardiovascular Safety of Febuxostat and Allopurinol in Subjects with Gout and Cardiovascular Comorbidities</b>		<b>Yes</b>	<b>\$984</b>	<b>\$266</b>	<b>\$1,250</b>	<b>\$1,250</b>
<i>1/4/11 to 1/3/19</i>	<i>Takeda Pharmaceuticals North America, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Hejeebu, Srini K.	Medicine, Department of				100	
Co-I	Federman, Douglas	Medicine, Department of					
Co-I	Williams, Julie A.	Medicine, Department of					
<b>N-123296-01</b>	<b>Pulmonary Arterial Hypertension Quality Enhancement Research Initiative Extension Program (P AH EX), Protocol Number CHRC 002</b>		<b>Yes</b>	<b>\$693</b>	<b>\$187</b>	<b>\$880</b>	<b>\$880</b>
<i>3/28/12 to 3/27/19</i>	<i>Actelion Clinical Operations, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kahaleh, M Bashar	Medicine, Department of				100	
Co-I	Khoury, Samer J.	Medicine, Department of				0	
<b>N-123436-01</b>	<b>Levant 2, Phase 2 Continued Access Registry</b>		<b>Yes</b>	<b>\$984</b>	<b>\$266</b>	<b>\$1,250</b>	<b>\$1,125</b>
<i>5/11/12 to 9/14/18</i>	<i>Lutonix Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Burket, Mark	Medicine, Department of				70	
Co-I	Cooper, Christopher	Medicine, Department of				10	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				10	
Co-I	Moukarbel, George Victor	Medicine, Department of				5	
Co-I	Nahhas, Ahed T.	Medicine, Department of				5	
<b>N-123876-01</b>	<b>A 24-Month, Single-Center, Pilot, Open-Label, Randomized, Controlled Trial to Evaluate the Efficacy and Safety of Calcineurin-Inhibitor Elimination or Reduction [...]Everolimus®/Myfortic® versus Reduced Dose tacrolimus/ Everolimus® in Adult Renal Transplant Recipients [ . . . ]</b>		<b>Yes</b>	<b>\$162,347</b>	<b>\$0</b>	<b>\$162,347</b>	<b>\$64,939</b>
<i>2/15/13 to 12/31/20</i>	<i>Novartis</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Rees, Michael A.	Urology, Department of				60	
Co-PI	Kaw, Dinkar	Medicine, Department of				30	
Co-I	Ekwenna, Obi	Urology, Department of					
Co-I	Malhotra, Deepak K.	Medicine, Department of				10	
Co-I	Ratnam, Shobha	Medicine, Department of					

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<b>Medicine, Department of</b>						
<b>N-123999-01</b>	<b>Zilver PTX V</b>	<b>Yes</b>	<b>\$3,935</b>	<b>\$1,180</b>	<b>\$5,115</b>	<b>\$4,604</b>
<i>4/16/13 to 4/15/19</i>		<i>Cook, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	60			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Nahhas, Ahed T.	Medicine, Department of	20			
<b>N-124705-01</b>	<b>A 5-Year Prospective Observational Registry to Assess Adverse Events of Interest and Effectiveness in Adults with Active, Autoantibody-Positive Systemic Lupus Erythematosus Treated with or without BENLYSTATM (belimumab) ("SABLE")</b>	<b>Yes</b>	<b>\$8,185</b>	<b>\$2,456</b>	<b>\$10,641</b>	<b>\$10,641</b>
<i>7/24/14 to 7/23/19</i>		<i>Outcome Sciences, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Altork, Nezam	Medicine, Department of	50			
Co-I	Kahaleh, M Bashar	Medicine, Department of	25			
Co-I	Nagaraja, Vivek	Medicine, Department of	25			
<b>N-124708-01</b>	<b>US-Based, Observational, Drug Registry of Opsumit® (Macitentan) New Users in Clinical Practice</b>	<b>Yes</b>	<b>\$1,077</b>	<b>\$323</b>	<b>\$1,400</b>	<b>\$700</b>
<i>7/7/14 to 7/6/19</i>		<i>Actelion Clinical Operations, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khoury, Samer J.	Medicine, Department of	50			
Co-I	Garris, Theresa	OP-Clinic-Cardiology	50			
<b>N-124711-01</b>	<b>Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia</b>	<b>Yes</b>	<b>\$13,000</b>	<b>\$3,900</b>	<b>\$16,900</b>	
<i>9/30/14 to 3/31/19</i>		<i>National Heart, Lung &amp; Blood Institute</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100			
Co-I	Cooper, Christopher	Medicine, Department of				
Co-I	Moukarbel, George Victor	Medicine, Department of				
Co-I	Qu, Weikai	Surgery, Department of				



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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Medicine, Department of</b>							
<b>N-125287-01</b>	<b>A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Preoperative Antithrombin Supplementation In Patients Undergoing High-Risk Cardiac Surgery with Cardiopulmonary Bypass</b>		<b>Yes</b>	<b>\$47,608</b>	<b>\$14,282</b>	<b>\$61,890</b>	<b>\$9,283</b>
<i>8/20/15 to 6/1/18</i>	<i>Grifols Incorporated</i>						
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
	PI/PD	Schwann, Thomas A.		Surgery, Department of		60	
	Co-I	Bonnell, Mark		Surgery, Department of		15	
	Co-I	Davis, Jennifer Elizabeth		Surgery, Department of		5	
	Co-I	Mueller, Connie		Surgery, Department of		5	
	Co-I	Sattler, Christina Gail		Medicine, Department of		15	
<b>N-125457-01</b>	<b>A Long Term, Randomised, Double-Blind, Placebo-Controlled Study to Determine the Effect of Albiglutide, when Added to Standard Blood Glucose Lowering Therapies, on Major Cardiovascular Events in Patients with Type 2 Diabetes Mellitus Harmony Outcomes Trial - GLP116174</b>		<b>Yes</b>	<b>\$12,047</b>	<b>\$3,614</b>	<b>\$15,661</b>	<b>\$15,661</b>
<i>11/30/15 to 11/29/18</i>	<i>GlaxoSmithKline</i>						
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
	PI/PD	Hejeebu, Srini K.		Medicine, Department of		100	
	Co-I	Federman, Douglas		Medicine, Department of			
<b>N-125473-01</b>	<b>A Double blind, randomised, placebo-controlled trial evaluating efficacy and safety of oral nintedanib treatment for at least 52 weeks in patients with "Systemic Sclerosis associated Interstitial Lung Disease" (SSc-ILD)</b>		<b>Yes</b>	<b>\$7,366</b>	<b>\$2,210</b>	<b>\$9,576</b>	<b>\$9,576</b>
<i>1/28/16 to 3/5/19</i>	<i>Boehringer Ingelheim Pharmaceuticals, Inc.</i>						
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
	PI/PD	Kahaleh, M Bashar		Medicine, Department of		60	
	Co-I	Altorok, Nezam		Medicine, Department of		20	
	Co-I	Safi, Fadi Alil		Medicine, Department of		20	

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<b>Medicine, Department of</b>						
<b>N-125530-01</b>	<b>An International, Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3 Trial Investigating Efficacy &amp; Safety of Rivaroxaban to Reduce Risk of Major Thrombotic Vascular Events in Patients w/ Symptomatic Peripheral Artery Disease Undergoing Lower Extremity Revascularization Procedures</b>	<b>Yes</b>	<b>\$8,136</b>	<b>\$2,441</b>	<b>\$10,577</b>	
<i>11/23/15 to 11/22/18 Bayer Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Nazzal, Munier M.S.	Surgery, Department of			100	
Co-I	Gupta, Rajesh	Medicine, Department of				
Co-I	Mathew, Jeff	Surgery, Department of				
Co-I	Moukarbel, George Victor	Medicine, Department of				
<b>N-125658-01</b>	<b>Randomized Trial to Prevent Vascular Events in HIV - REPRIEVE" ("Study") under Grant Number 5U01HL123336-03</b>	<b>Yes</b>	<b>\$9,012</b>	<b>\$2,343</b>	<b>\$11,355</b>	<b>\$11,355</b>
<i>5/1/15 to 4/30/18 National Heart, Lung &amp; Blood Institute through Massachusetts General Hospital</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Duggan, Joan	Medicine, Department of			100	
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of				
<b>N-125682-01-S1</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>	<b>No</b>	<b>\$1,018,908</b>	<b>\$209,914</b>	<b>\$1,228,822</b>	
<i>8/1/17 to 1/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of			100	
Co-I	Blomquist, Thomas M.	Pathology, Department of				
Co-I	Kalinoski, Andrea L.	Surgery, Department of				
Co-I	Margiotta, Joseph	Neurosciences, Department of				
Co-I	Willey, James	Medicine, Department of				
<b>N-125682-01-S2</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>	<b>No</b>	<b>\$1,737,085</b>	<b>\$457,035</b>	<b>\$2,194,120</b>	
<i>2/1/18 to 10/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of			100	
Co-I	Blomquist, Thomas M.	Pathology, Department of				
Co-I	Kalinoski, Andrea L.	Surgery, Department of				
Co-I	Margiotta, Joseph	Neurosciences, Department of				
Co-I	Willey, James	Medicine, Department of				

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<b>Medicine, Department of</b>						
<b>N-125820-01</b>	<b>A Randomized Trial Comparing the ELUVIA™ Drug-Eluting Stent Versus Zilver® PTX® Stent for Treatment of Superficial Femoral and/or Proximal Popliteal Arteries</b>	<b>Yes</b>	<b>\$5,640</b>	<b>\$1,692</b>	<b>\$7,331</b>	<b>\$6,965</b>
<i>9/12/16 to 9/11/18 Boston Scientific Corporation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Burket, Mark	Medicine, Department of	80		
	Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	5		
	Co-I	Gupta, Rajesh	Medicine, Department of	5		
	Co-I	Moukarbel, George Victor	Medicine, Department of	5		
	Co-I	Moza, Ankush	Medicine, Department of			
	Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of	5		
<b>N-125920-01</b>	<b>The Melanocortinergic Pathway in Glomerular Disease</b>	<b>No</b>	<b>\$6,157</b>	<b>\$3,294</b>	<b>\$9,451</b>	<b>\$9,451</b>
<i>8/15/17 to 2/28/18 National Institute of Diabetes, Digestive &amp; Kidney Diseases through Rhode Island Hospital</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Dworkin, Lance	Medicine, Department of	100		
<b>N-126106-01</b>	<b>A Phase 3b, Randomized, Active Comparator, Open-label, Multicenter Study to Compare the Efficacy, Safety, and Tolerability of ITCA 650 to Empagliflozin and to Glimepiride as Add-on Therapy to Metformin in Patients with Type 2 Diabetes</b>	<b>Yes</b>	<b>\$10,892</b>	<b>\$3,267</b>	<b>\$14,159</b>	<b>\$14,159</b>
<i>5/10/17 to 5/9/19 Quintiles, Inc.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Hejeebu, Srini K.	Medicine, Department of	75		
	Co-I	Federman, Douglas	Medicine, Department of	25		
<b>N-126118-01</b>	<b>A Trial Comparing the Efficacy and Safety of Insulin Degludec and Insulin Glargine 300 units/mL in Subjects with Type 2 Diabetes Mellitus Inadequately Treated with Basal Insulin with or without Oral Antidiabetic Drugs - Protocol NN1250-4252</b>	<b>Yes</b>	<b>\$119,273</b>	<b>\$35,782</b>	<b>\$155,055</b>	<b>\$155,055</b>
<i>3/13/17 to 3/12/19 Novo Nordisk Inc.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Hejeebu, Srini K.	Medicine, Department of	75		
	Co-I	Federman, Douglas	Medicine, Department of	25		
<b>N-126196-01</b>	<b>A Phase 3, Multicenter, Long-Term Observational Study of Subjects from Tanezumab Studies Who Undergo a Total Knee, Hip, Or shoulder Replacement</b>	<b>Yes</b>	<b>\$6,154</b>	<b>\$1,846</b>	<b>\$8,000</b>	<b>\$8,000</b>
<i>2/1/17 to 7/31/18 Quintiles, Inc.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Akpunonu, Basil	Medicine, Department of	85		
	Co-I	Horen, Nicholas G.	Medicine, Department of	15		

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<b>Medicine, Department of</b>						
<b>N-126199-01</b>	<b>Efficacy and Safety of Semaglutide Versus Canafliflozin as Add-on to Metformin in Subjects with Type 2 Diabetes (NN9535-4270 Sustain 8)</b>	<b>Yes</b>	<b>\$17,539</b>	<b>\$5,262</b>	<b>\$22,801</b>	<b>\$22,801</b>
<i>2/22/17 to 2/21/19 Novo Nordisk Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hejeebu, Srini K.	Medicine, Department of	75			
Co-I	Federman, Douglas	Medicine, Department of	25			
<b>N-126227-01</b>	<b>A Phase III Randomised, Double-Blind Trial to Evaluate Efficacy and Safety of Once Daily Empagliflozin 10 mg Compared to Placebo, in Patients with Chronic Heart Failure with Preserved Ejection Fraction (HFpEF)"</b>	<b>Yes</b>	<b>\$6,078</b>	<b>\$1,824</b>	<b>\$7,902</b>	<b>\$7,902</b>
<i>10/4/17 to 10/3/18 Boehringer Ingelheim Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	85			
Co-I	Garris, Theresa	Medicine, Department of	5			
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Murphy, Laura	Medicine, Department of	5			
<b>N-126239-01</b>	<b>Well-being of Youth Caregivers and its Effect on Pursuing a Career in Geriatrics</b>	<b>No</b>	<b>\$7,787</b>	<b>\$0</b>	<b>\$7,787</b>	<b>\$2,336</b>
<i>7/1/17 to 6/30/18 National Institutes of Health through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Perion, Jennifer Joyce	School of Population Health	40			
Co-I	Ames, April L.	Geography and Planning, Department of	30			
Co-I	Steiner, Victoria	Medicine, Department of	30			
<b>N-126259-01</b>	<b>A Phase 1 Dose Escalation and Phase 2 Randomized, Open-Label Study of Nivolumab and Veliparib in Combination with Platinum Doublet Chemotherapy in Subjects with Metastatic or Advanced Non-Small Cell Lung Cancer (NSCLC) - Protocol No. M15-534</b>	<b>No</b>	<b>\$6,538</b>	<b>\$1,962</b>	<b>\$8,500</b>	<b>\$8,500</b>
<i>4/2/17 to 4/1/18 AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Skeel, Roland	Medicine, Department of	60			
Co-I	Mohamed, Iman E.	Medicine, Department of	20			
Co-I	Verghese, Cherian	Medicine, Department of	20			

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<b>Medicine, Department of</b>						
<b>N-126316-01</b>	<b>A Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Efficacy of Oral Treprostinil in Subjects with Pulmonary Hypertension (PH) in Heart Failure with Preserved Ejection Fraction (HFpEF); Protocol # TDE-HF-301</b>	<b>Yes</b>	<b>\$14,446</b>	<b>\$4,334</b>	<b>\$18,780</b>	<b>\$18,780</b>
<i>6/20/17 to 6/19/19 United Therapeutics Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	85			
Co-I	Garris, Theresa	Medicine, Department of	5			
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Murphy, Laura	Medicine, Department of	5			
<b>N-126317-01</b>	<b>An Open-Label Extension Study of Oral Treprostinil in Subjects with Pulmonary Hypertension (PH) Associated with Heart Failure with Preserved Ejection Fraction (HFpEF) - A Long-Term Follow-up Study to TDE-HF-301; Protocol # TDE-HF-302</b>	<b>Yes</b>	<b>\$9,927</b>	<b>\$2,978</b>	<b>\$12,905</b>	<b>\$12,905</b>
<i>6/20/17 to 6/19/19 United Therapeutics Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	85			
Co-I	Garris, Theresa	Medicine, Department of	5			
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Murphy, Laura	Medicine, Department of	5			
<b>N-126321-01</b>	<b>HERO: A Multinational Phase 3 Randomized, Open-label, Parallel Group Study to Evaluate the Safety and Efficacy of Relugolix in Men with Advanced Prostate Cancer; Protocol #: MVT-601-3201</b>	<b>No</b>	<b>\$11,250</b>	<b>\$3,375</b>	<b>\$14,625</b>	<b>\$2,925</b>
<i>5/22/17 to 5/21/18 PPD Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elliott, David A.	Radiation Oncology, Department of	80			
PI/PD	Jain, Samay	Urology, Department of				
Co-I	Skeel, Roland	Medicine, Department of	10			
Co-I	Vergheese, Cherian	Medicine, Department of	10			
<b>N-126348-01</b>	<b>IRB # 202128, A randomized, multicenter, phase 2 study of DSP-7888 dosing emulsion in combination with bevacizumab versus bevacizumab alone in patients with recurrent or progressive glioblastoma following initial therapy study</b>	<b>Yes</b>	<b>\$6,486</b>	<b>\$1,946</b>	<b>\$8,432</b>	<b>\$3,373</b>
<i>10/2/17 to 10/1/19 Boston Biomedical</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schroeder, Jason Lee	Surgery, Department of	60			
Co-I	Hamouda, Danae M.	Medicine, Department of				
Co-I	Skeel, Roland	Medicine, Department of	20			
Co-I	Vergheese, Cherian	Medicine, Department of	20			

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<b>Medicine, Department of</b>						
<b>N-126355-01</b>	<b>Myocardial Ischemia and Transfusion (MINT)</b>	<b>No</b>	<b>\$22,308</b>	<b>\$6,692</b>	<b>\$29,000</b>	<b>\$29,000</b>
<i>6/1/17 to 5/31/18 National Institutes of Health through Rutgers University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sheikh, Mujeeb Abdul	Medicine, Department of	100			
Co-I	Alhazmi, Luai	Medicine, Department of				
Co-I	Assiri, Salem Ali	Medicine, Department of				
Co-I	Burket, Mark	Medicine, Department of				
Co-I	Chowdhury, Mohammed Andalee	Medicine, Department of				
Co-I	Cook, Jered	Medicine, Department of				
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				
Co-I	Farah, Amjad	Medicine, Department of				
Co-I	Gupta, Rajesh	Medicine, Department of				
Co-I	Khouri, Samer J.	Medicine, Department of				
Co-I	Mathew, Anil George	Medicine, Department of				
Co-I	Murphy, Laura	Medicine, Department of				
Co-I	Sabbagh, Ebrahim	Medicine, Department of				
Co-I	Shafiq, Qaiser	Medicine, Department of				
Co-I	Syed, Mubbasher Ameer	Medicine, Department of				
Co-I	Towheed, Arooge	Medicine, Department of				
<b>N-126387-01</b>	<b>Validation of LCRT Biomarker in Prospective Cohort Study by PRoBE Design-EDRN</b>	<b>No</b>	<b>\$100,000</b>	<b>\$53,500</b>	<b>\$153,500</b>	<b>\$153,500</b>
<i>11/1/17 to 3/31/18 National Cancer Institute through Fred Hutchinson Cancer Research Center</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Willey, James	Medicine, Department of	100			
<b>N-126414-01</b>	<b>OPsumit Historical USers cohort study (OrPHeUS), a multicenter, retrospective chart review of first-time Opsumit (macitentan) users in the United States - Protocol AC-055-510</b>	<b>Yes</b>	<b>\$15,221</b>	<b>\$4,566</b>	<b>\$19,787</b>	<b>\$19,787</b>
<i>9/10/17 to 9/9/19 Pharmaceutical Research Associates, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	100			
<b>N-126415-01</b>	<b>A Phase 2/3, Randomized, Open-Label Study Comparing Oral Ixazomib/Dexamethasone and Oral Pomalidomide/Dexamethasone in Relapsed and/or Refractory Multiple Myeloma - Protocol C16029</b>	<b>Yes</b>	<b>\$8,942</b>	<b>\$2,683</b>	<b>\$11,625</b>	<b>\$11,625</b>
<i>7/28/17 to 7/27/19 Millennium Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Vergheese, Cherian	Medicine, Department of	90			
Co-I	Hamouda, Danae M.	Medicine, Department of				
Co-I	Skeel, Roland	Medicine, Department of	10			

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<b>Medicine, Department of</b>							
<b>N-126461-01</b>	<b>A Phase III, randomized, multicenter, parallel-group, non inferiority study evaluating the efficacy, safety, and tolerability of switching to dolutegravir plus lamivudine in HIV 1 infected adults who are virologically suppressed</b>		<b>Yes</b>	<b>\$7,686</b>	<b>\$2,306</b>	<b>\$9,992</b>	<b>\$9,992</b>
<i>11/13/17 to 11/12/18 GlaxoSmithKline</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Duggan, Joan	Medicine, Department of				80	
Co-I	Suleyman, Geehan	Medicine, Department of				20	
<b>N-126480-01</b>	<b>High-Throughput Analysis of Human Toxicity and Therapeutic of Cyanotoxins Across Organ Systems in Health and Disease</b>		<b>No</b>	<b>\$148,404</b>	<b>\$0</b>	<b>\$148,404</b>	<b>\$133,564</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Haller, Steven T.	Medicine, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
<b>N-126481-01</b>	<b>Novel Therapies for Microcystin Induced Hepatotoxicity In Pre-Existing Liver Disease</b>		<b>No</b>	<b>\$147,708</b>	<b>\$0</b>	<b>\$147,708</b>	<b>\$132,937</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Haller, Steven T.	Medicine, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
<b>N-126482-01</b>	<b>Effects of Inflammatory Bowel Disease on Susceptibility To Microcystin-LR</b>		<b>No</b>	<b>\$149,715</b>	<b>\$0</b>	<b>\$149,715</b>	<b>\$134,744</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Haller, Steven T.	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
Co-I	Kennedy, David Joseph	Medicine, Department of				5	

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Medicine, Department of</b>						
<b>N-126600-01</b>	<b>The Randomized and Controlled Noninferiority Trial to Evaluate Safety and Clinical Efficacy of the SurVeil™ Drug-Coated Balloon in the Treatment of Subjects with Stenotic Lesions of the Femoropopliteal Artery Compared to the Medtronic IN.PACT® Admiral® Drug-Coated Balloon. (TRANSCEND)</b>	<b>Yes</b>	<b>\$10,547</b>	<b>\$3,164</b>	<b>\$13,712</b>	<b>\$10,969</b>
<i>12/20/17 to 12/19/18 Surmodics, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	60			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Gupta, Rajesh	Anesthesiology, Department of	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Shafiq, Qaiser	Medicine, Department of				
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of	10			
<b>N-126675-01</b>	<b>Students in the Pipeline (SIP)</b>	<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>10/1/17 to 3/13/18 Ohio Department of Medicaid</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dworkin, Lance	Medicine, Department of	100			
<b>N-126777-01</b>	<b>An open-label extension trial to assess the long term safety of nintedanib in patients with Systemic Sclerosis associated Interstitial Lung Disease (SSc-ILD)</b>	<b>Yes</b>	<b>\$8,000</b>	<b>\$0</b>	<b>\$8,000</b>	<b>\$8,000</b>
<i>12/7/17 to 12/6/18 Boehringer Ingelheim Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kahaleh, M Bashar	Medicine, Department of	50			
Co-I	Altorok, Nezam	Medicine, Department of	50			
<b>N-126909-01</b>	<b>A Phase III Randomised, Double-Blind Trial to Evaluate Efficacy and Safety of Once Daily Empagliflozin 10 mg Compared to Placebo, in Patients with Chronic Heart Failure with reduced Ejection Fraction (HFReF" Protocol No 1245.121</b>	<b>Yes</b>	<b>\$4,825</b>	<b>\$1,448</b>	<b>\$6,273</b>	<b>\$6,273</b>
<i>10/23/17 to 10/22/18 Boehringer Ingelheim Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	90			
Co-I	Garris, Theresa	Medicine, Department of				
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Murphy, Laura	Medicine, Department of	5			



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<b>Medicine, Department of</b>							
<b>N-126968-01-W1</b>	<b>Ad-p53-002; A Phase 2, Multi-Center, Open Label, Randomized Study to Evaluate Efficacy and Safety of Adenoviral p53 (Ad-p53) in combination with Nivolumab versus Nivolumab alone in Patients with Recurrent Head and Neck Squamous Cell Carcinoma (HNSCC)</b>		<b>Yes</b>	<b>\$8,077</b>	<b>\$2,423</b>	<b>\$10,500</b>	<b>\$10,500</b>
<i>5/3/18 to 5/2/19</i>	<i>MultiVir Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nemunaitis, John J.	Medicine, Department of				100	
Co-I	Elsamaloty, Haitham M.	Radiology, Department of					
Co-I	Hamouda, Danae M.	Medicine, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Vergheese, Cherian	Medicine, Department of					
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of					
<b>N-126971-01</b>	<b>A Randomized Phase 2 Trial of AM0010 in Combination with Pembrolizumab vs. Pembrolizumab Alone as First-line Therapy in Patients with Metastatic Non-Small Cell Lung Cancer whose Tumors Have High PD-L1 Expression</b>		<b>Yes</b>	<b>\$8,558</b>	<b>\$2,567</b>	<b>\$11,125</b>	<b>\$11,125</b>
<i>4/12/18 to 4/11/19</i>	<i>ARMO BioSciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nemunaitis, John J.	Medicine, Department of				100	
Co-I	Chaudhuri, Prabir	Surgery, Department of					
Co-I	Hamouda, Danae M.	Music, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Vergheese, Cherian	Medicine, Department of					
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of					
<b>N-127002-01</b>	<b>A Randomized Phase 2 Trial of AM0010 in Combination with Nivolumab Vs. Nivolumab Alone s Second Line Therapy in Patients With Stage IV/Metastatic Wild Type Non-Small Cell Lung Cancer and Low Tumor Expression of PD-L1</b>		<b>Yes</b>	<b>\$12,584</b>	<b>\$3,775</b>	<b>\$16,359</b>	<b>\$16,359</b>
<i>4/12/18 to 4/11/19</i>	<i>ARMO BioSciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nemunaitis, John J.	Medicine, Department of				100	
Co-I	Chaudhuri, Prabir	Surgery, Department of					
Co-I	Hamouda, Danae M.	Medicine, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Vergheese, Cherian	Medicine, Department of					
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of					

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<b>Medicine, Department of</b>							
<b>R-100043-18</b>	<b>Ryan White HIV/AIDS Program Part D Grants for Coordinated HIV Services and Access to Research for Women, Infants, Children, and Youth (WICY)</b>		<b>No</b>	<b>\$420,330</b>	<b>\$46,703</b>	<b>\$467,033</b>	<b>\$467,033</b>
<i>8/1/17 to 7/31/18</i>	<i>U.S. Department of Health and Human Services</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of			100		
<b>R-100389-17</b>	<b>Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program</b>		<b>No</b>	<b>\$428,656</b>	<b>\$43,822</b>	<b>\$472,478</b>	<b>\$472,478</b>
<i>4/1/18 to 3/31/19</i>	<i>HIV/AIDS Bureau</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of			100		
<b>R-101303-13</b>	<b>Social Marketing Advertising CTR</b>		<b>No</b>	<b>\$24,645</b>	<b>\$0</b>	<b>\$24,645</b>	<b>\$24,645</b>
<i>1/1/18 to 12/31/18</i>	<i>Centers for Disease Control and Prevention through Lucas County Regional Health District</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of			100		
<b>T-126847-02</b>	<b>The Melanocortinergic pathway in glomerular disease</b>		<b>No</b>	<b>\$124,577</b>	<b>\$66,649</b>	<b>\$191,226</b>	<b>\$191,226</b>
<i>4/3/18 to 5/31/18</i>	<i>National Institute of Diabetes, Digestive &amp; Kidney Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gong, Rujun	Medicine, Department of			98		
Co-I	Dworkin, Lance	Medicine, Department of			2		
Sum of Department ( <b>Medicine, Department of</b> )						Award Count: <b>47.00</b>	<b>\$2,911,181</b>
<b>Neurology, Department of</b>							
<b>C-122627-06</b>	<b>Phase 3, Open-Label, Multicenter, Follow-Up Study to Evaluate the Long-Term Safety and Efficacy of Brivaracetam Used as Adjunctive Treatment in Subjects Aged 16 Years or Older with Partial-Onset Seizures</b>		<b>No</b>	<b>\$5,376</b>	<b>\$1,452</b>	<b>\$6,828</b>	<b>\$3,414</b>
<i>7/1/15 to 6/30/16</i>	<i>UCB Pharma, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
Co-PI	Ali, Imran	Neurology, Department of			30		
Co-I	Cole, Kimberly A.	Neurology, Department of			20		
Co-I	Li, Hongyan	Resid Prgm-Neurology			30		
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology			20		

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<b>Neurology, Department of</b>								
<b>C-124200-04</b>	<b>A Phase 3, 12-Week, Double-Blind, Placebo-Controlled, Randomized, Multicenter Study to Evaluate the Efficacy of Oral Istradefylline 20 and 40 mg/day as Treatment for Subjects with Moderate to Severe Parkinson's Disease</b>			No	\$16,449	\$4,935	\$21,384	\$21,384
9/16/16 to 9/15/17	Kyowa Pharmaceuticals							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Elmer, Lawrence	Neurology, Department of			50		
	Co-I	Scott, Mary E.	Neurology, Department of			50		
<b>C-124541-04</b>	<b>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)</b>			No	\$558	\$167	\$726	\$726
7/1/17 to 6/30/18	Genentech, Inc.							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Zaidi, Syed Fazal Abbas	Neurology, Department of			50		
	Co-I	Jumaa, Mouhammad A.	Neurology, Department of			50		
<b>C-124644-04</b>	<b>An Open-label, Long Term Safety Study of SD-809 ER in Patients with Chorea Associated with Huntington Disease</b>			No	\$15,171	\$4,551	\$19,722	\$19,722
7/16/17 to 1/20/18	Auspex Pharmaceuticals							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Elmer, Lawrence	Neurology, Department of			100		
<b>C-125087-02</b>	<b>A Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Efficacy And Safety Of Sage-547 Injection In The Treatment Of Subjects With Refractory Status Epilepticus Who Have Failed Standard Treatment</b>			No	\$30,552	\$9,166	\$39,718	\$27,802
5/1/17 to 3/28/18	Sage Therapeutics							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Ali, Imran	Neurology, Department of			70		
	Co-I	Assaly, Ragheb	Medicine, Department of			10		
	Co-I	Li, Hongyan	Resid Prgm-Neurology			10		
	Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology			10		
<b>C-125135-03</b>	<b>TOZ-CL05</b>			No	\$81,827	\$24,548	\$106,376	\$106,376
5/1/17 to 4/30/18	Biotie Therapies Inc.							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Elmer, Lawrence	Neurology, Department of			100		
	Co-I	Scott, Mary E.	Neurology, Department of					

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<b>Neurology, Department of</b>							
<b>C-125431-02</b>	<b>An Open-Label, Phase 3 Study Examining the Long-Term Safety, Tolerability and Efficacy of APL-130277 in Levodopa Responsive Patients with Parkinson's Disease Complicated by Motor Fluctuations</b>		<b>No</b>	<b>\$86,855</b>	<b>\$27,794</b>	<b>\$114,649</b>	<b>\$114,649</b>
<i>7/1/17 to 6/30/18</i>	<i>Cynapsus Therapeutics Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Co-I	Scott, Mary E.	Neurology, Department of					
<b>C-125477-02</b>	<b>A Double-Blind, Controlled Phase 2B Study of the Safety and Efficacy of Modified Stem Cells (SB623) in Patients with Chronic Motor Deficit from Ischemic Stroke</b>		<b>No</b>	<b>\$43,706</b>	<b>\$13,986</b>	<b>\$57,692</b>	<b>\$40,384</b>
<i>7/1/17 to 6/30/18</i>	<i>Sunovion Pharmaceuticals</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Jumaa, Mouhammad A.	Neurology, Department of			35		
Co-I	Wuescher, Christian Andrew	Orthopaedic Surgery, Department of			30		
Co-I	Zaidi, Syed Fazal Abbas	Neurology, Department of			35		
<b>C-125595-02</b>	<b>A 15 week, Phase II, Double-Blind, Randomized, Placebo-Controlled, Dose Ranging Study to Investigate the Efficacy, Safety and Tolerability of PF-06649751 in Subjects with Motor Fluctuations Due to Idiopathic Parkinson's Disease</b>		<b>No</b>	<b>\$41,973</b>	<b>\$12,592</b>	<b>\$54,565</b>	<b>\$54,565</b>
<i>2/2/17 to 2/1/18</i>	<i>Pfizer, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Co-I	Scott, Mary E.	Neurology, Department of					
Dir Ctr/Inst	Spears, Julia L.	Neurology, Department of					
<b>C-125629-02</b>	<b>A Phase III Multicenter, Randomized, Double-Blind, Double Dummy, Active-Controlled study Comparing the Efficacy and Safety of Gastric Retentive, Controlled Release Accordian Pill™ Carbidopa/Levodopa (AP-CD/LD) to immediate Release CD/LD in Fluctuating Parkinson's Disease Patients</b>		<b>No</b>	<b>\$3,769</b>	<b>\$1,131</b>	<b>\$4,900</b>	<b>\$4,900</b>
<i>2/28/17 to 2/28/18</i>	<i>Pharmaceutical Research Associates, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Co-I	Scott, Mary E.	Neurology, Department of					

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<b>Neurology, Department of</b>								
<b>C-125699-02</b>	<b>A Randomized, Double-Blind, Double-Dummy, Parallel-Group Study Comparing the Efficacy and Safety of Ofatumumab versus Teriflunomide in Patients with Relapsing Multiple Sclerosis - Study No. OMB157G2302</b>			<b>No</b>	<b>\$4,938</b>	<b>\$1,481</b>	<b>\$6,419</b>	<b>\$6,419</b>
<i>7/1/17 to 6/30/18</i>	<i>Novartis</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Koffman, Boyd	Neurology, Department of				70		
Co-I	Menezes, Krishe	Neurology, Department of				30		
<b>N-124574-01</b>	<b>Long-Term, prospective, multinational, parallel-cohort study monitoring safety in patients with MS newly started on fingolimod once daily or treated with another approved disease-modifying therapy</b>			<b>Yes</b>	<b>\$414</b>	<b>\$124</b>	<b>\$538</b>	<b>\$538</b>
<i>4/2/14 to 4/1/19</i>	<i>Novartis</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Ramsey-Williams, Vicki A.	Neurology, Department of				80		
Co-I	Koffman, Boyd	Neurology, Department of				20		
<b>N-125177-01</b>	<b>A Phase 2 Clinical Trial of the VX15/2503 Antibody in Huntington's Disease</b>			<b>Yes</b>	<b>\$95,861</b>	<b>\$28,758</b>	<b>\$124,619</b>	<b>\$124,619</b>
<i>6/22/15 to 6/21/19</i>	<i>Huntington Study Group</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of				100		
<b>N-125470-01</b>	<b>A Clinical Study of Patients with Symptomatic Neurogenic Orthostatic Hypotension to Assess Sustained Effects of Droxidopa Therapy (Study No. 16306A)</b>			<b>Yes</b>	<b>\$10,627</b>	<b>\$3,188</b>	<b>\$13,815</b>	<b>\$13,815</b>
<i>12/17/15 to 4/1/19</i>	<i>Lundbeck Inc.</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of				100		
Co-I	Scott, Mary E.	Neurology, Department of						
<b>N-125472-01</b>	<b>A Phase 3, Long-term, Open-label study of Istradefylline in Subjects with Moderate to Severe Parkinson's Disease (Protocol 60002-018)</b>			<b>Yes</b>	<b>\$15,150</b>	<b>\$4,545</b>	<b>\$19,695</b>	<b>\$19,695</b>
<i>4/21/16 to 4/20/19</i>	<i>Kyowa Hakko Kirin, Co., Ltd.</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of				100		
Co-I	Scott, Mary E.	Neurology, Department of						

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<b>Neurology, Department of</b>						
<b>N-125867-01</b>	<b>A 15-Week, Phase 2, Double Blind, Randomized, Placebo-Controlled, Flexible Dose Study to Investigate the Efficacy, Safety &amp; Tolerability of PF-06649751 in Subjects with Early Stage Parkinson's Disease</b>	<b>Yes</b>	<b>\$64,173</b>	<b>\$19,252</b>	<b>\$83,424</b>	<b>\$83,424</b>
<i>10/14/16 to 8/20/18 Pfizer, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
Co-I	Scott, Mary E.	Neurology, Department of				
<b>N-126119-01</b>	<b>A Multicenter, International, Open-Label, Safety Study of ND0612, a Solution of Levodopa/Carbidopa Delivered via a Pump System as a Continuous Subcutaneous Infusion in Subjects with Advanced Parkinson's Disease (BeyoND) Protocol ND0612H-012</b>	<b>No</b>	<b>\$8,462</b>	<b>\$2,538</b>	<b>\$11,000</b>	<b>\$11,000</b>
<i>6/1/17 to 4/4/18 INC Research, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
Co-I	Scott, Mary E.	Neurology, Department of				
<b>N-126228-01</b>	<b>A Multicenter, Open-Label Study to Evaluate the Safety and Tolerability of Tozaenant as Adjunctive Therapy in Levodopa-Treated Patients with Parkinson's Disease Experiencing End of Dose "Wearing-Off" Protocol TOZ-CL06 (Start up account)</b>	<b>No</b>	<b>\$11,558</b>	<b>\$3,467</b>	<b>\$15,025</b>	<b>\$15,025</b>
<i>5/17/17 to 5/16/18 Biotie Therapies Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
Co-I	Scott, Mary E.	Neurology, Department of				
<b>N-126458-01</b>	<b>A Phase 2, open label extension study to investigate the long term safety and tolerability of PF-06649751 in subjects with motor fluctuations due to Parkinson's Disease</b>	<b>Yes</b>	<b>\$8,242</b>	<b>\$2,473</b>	<b>\$10,715</b>	<b>\$10,715</b>
<i>7/11/17 to 7/10/18 Pfizer, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
Co-I	Scott, Mary E.	Neurology, Department of				

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Neurology, Department of</b>						
<b>N-126796-01</b>	<b>A Phase 3, 12 Wk, Multi-Ctr, Multinational, Rand., Double-Blind, Double-Dummy, Parallel Group Study to Det. the Efficacy, Safety, &amp; Tol. of P2B001 Once Daily Compared to its Individual Components in Subjects W/ Early Parkinson's Disease &amp; to a Calibration Arm of Pramipexole ER, Protocol P2B001/003</b>	<b>Yes</b>	<b>\$7,666</b>	<b>\$2,300</b>	<b>\$9,966</b>	<b>\$9,966</b>
<i>12/13/17 to 12/12/18 Pharmaceutical Research Associates, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of			100	
Co-I	Rashid, Mehmood	Neurology, Department of				
Sum of Department ( <b>Neurology, Department of</b> ) Award Count: <b>18.90</b>						<b>\$689,137</b>
<b>Neurosciences, Department of</b>						
<b>C-125299-02</b>	<b>Study of Early Brain Alterations that Predict Development of Chronic PTSD</b>	<b>No</b>	<b>\$488,874</b>	<b>\$191,128</b>	<b>\$680,002</b>	
<i>7/1/17 to 6/30/18 National Institute on Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wang, Xin	Psychiatry, Department of			100	
Co-I	Brickman, Kristopher R.	Surgery, Department of				
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Rappport, Daniel J.	Psychiatry, Department of				
Co-I	Tull, Matthew T.	Psychology, Department of				
Co-I	Xie, Hong	Neurosciences, Department of				
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of				
<b>C-125336-02</b>	<b>A BBB-Permeable Neurotrophic Polysaccharide, Midi-GAGR</b>	<b>No</b>	<b>\$125,000</b>	<b>\$64,375</b>	<b>\$189,375</b>	<b>\$189,375</b>
<i>7/1/17 to 5/31/19 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Park, Joshua Jin-Hyoun	Neurosciences, Department of			100	
<b>N-125682-01-S1</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>	<b>No</b>	<b>\$1,018,908</b>	<b>\$209,914</b>	<b>\$1,228,822</b>	<b>\$1,228,822</b>
<i>8/1/17 to 1/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of			100	
Co-I	Blomquist, Thomas M.	Pathology, Department of				
Co-I	Kalinoski, Andrea L.	Surgery, Department of				
Co-I	Margiotta, Joseph	Neurosciences, Department of				
Co-I	Willey, James	Medicine, Department of				

## Medicine and Life Sciences, College of

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Neurosciences, Department of</b>						
<b>N-125682-01-S2</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>	No	\$1,737,085	\$457,035	\$2,194,120	\$2,194,120
<i>2/1/18 to 10/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Howard, Marthe	Neurosciences, Department of	100			
Co-I	Blomquist, Thomas M.	Pathology, Department of				
Co-I	Kalinoski, Andrea L.	Surgery, Department of				
Co-I	Margiotta, Joseph	Neurosciences, Department of				
Co-I	Willey, James	Medicine, Department of				
<b>N-125733-01-A1</b>	<b>Cellular Mechanisms of Age Related Hearing Loss</b>	No	\$250,000	\$116,315	\$366,315	\$366,315
<i>9/19/17 to 6/30/18 National Institute of Deafness &amp; Other Communication Disorders</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Xie, Ruili	Neurosciences, Department of	100			
		Sum of Department ( <b>Neurosciences, Department of</b> ) Award Count: 4.00				\$3,978,632
<b>Obstetrics &amp; Gynecology, Department of</b>						
<b>C-125288-02</b>	<b>Measuring The Improvements Through the Use of the Dysis™ Colposcope and the Dysismap™ in Detecting Dysplasia of the Cervix</b>	No	\$2,308	\$692	\$3,000	\$3,000
<i>7/1/17 to 6/30/18 DySIS Medical Ltd.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Talmage, Lance	Obstetrics & Gynecology, Department of	100			
Co-I	Neuhoff, Ronica	Obstetrics & Gynecology, Department of				
Co-I	Smaili, Sleiman K.	Graduate Studies, College of				
<b>C-125671-02</b>	<b>A Phase 3 Study to Evaluate the Safety and Efficacy of Elagolix in Combination with Estradiol/Norethindrone Acetate in Subjects with Moderate to Severe Endometriosis-Associated Pain Protocol No. M14-702</b>	No	\$5,149	\$1,545	\$6,694	\$1,339
<i>5/23/17 to 5/22/18 AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smaili, Sleiman K.	Graduate Studies, College of	80			
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of	20			
<b>N-125527-01</b>	<b>A Phase 3 Study to Evaluate the Efficacy and Safety of Elagolix in Combination with Estradiol/Norethindrone Acetate for the Management of Heavy Menstrual Bleeding Associated with Uterine Fibroids in Premenopausal Women</b>	Yes	\$69,873	\$20,962	\$90,835	\$45,417
<i>2/29/16 to 2/28/18 AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Neuhoff, Ronica	Obstetrics & Gynecology, Department of	35			
PI/PD	Smaili, Sleiman K.	Graduate Studies, College of	50			
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of	15			



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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Obstetrics &amp; Gynecology, Department of</b>								
<b>N-126226-01</b>	<b>Extension Study to Evaluate the Efficacy and Safety of Elgalox in Premenopausal Women with Heavy Menstrual Bleeding Associated with Uterine Fibroids - Protocol M12-816</b>		<b>Yes</b>	<b>\$24,338</b>	<b>\$0</b>	<b>\$24,338</b>	<b>\$24,338</b>	
<i>4/4/17 to 4/3/18</i>	<i>AbbVie</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Smaili, Sleiman K.	Obstetrics & Gynecology, Department of				20		
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of				20		
Co-I	Neuhoff, Ronica	Obstetrics & Gynecology, Department of				60		
<b>N-126681-01</b>	<b>A Phase 3b Study to Evaluate the Long-Term Safety and Efficacy of Elagolix in Combination with Estradiol/Norethindrone Acetate for the Management of Heavy Menstrual Bleeding Associated with Uterine Fibroids in Premenopausal Women Protocol No. M16-283</b>		<b>Yes</b>	<b>\$6,923</b>	<b>\$2,077</b>	<b>\$9,000</b>	<b>\$9,000</b>	
<i>11/1/17 to 10/31/18</i>	<i>AbbVie</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Smaili, Sleiman K.	Obstetrics & Gynecology, Department of				60		
Co-I	Brodsky, Burton S.	Obstetrics & Gynecology, Department of				40		
Sum of Department ( <b>Obstetrics &amp; Gynecology, Department</b> )							Award Count: <b>3.70</b>	<b>\$83,095</b>
<b>Orthopaedic Surgery, Department of</b>								
<b>C-123377-05</b>	<b>Multifunctional Bone Putty for Craniomaxillofacial Bone Repair</b>		<b>No</b>	<b>\$251,924</b>	<b>\$126,826</b>	<b>\$378,750</b>	<b>\$378,750</b>	
<i>7/1/17 to 6/30/19</i>	<i>National Institute of Dental and Craniofacial Research</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Jayasuriya, Ambalangodage	Orthopaedic Surgery, Department of				100		
Co-I	Gunning, William T.	Pathology, Department of						
<b>C-124700-04</b>	<b>Molecular characterization of novel insulin sensitizers</b>		<b>No</b>	<b>\$114,749</b>	<b>\$61,391</b>	<b>\$176,140</b>	<b>\$176,140</b>	
<i>5/1/18 to 4/30/19</i>	<i>National Institute of Diabetes, Digestive &amp; Kidney Diseases through Scripps Research Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of				100		
<b>C-125060-02</b>	<b>Identifying the Contribution of PPS to the Pathogenesis of Diabetes and Osteoporosis</b>		<b>No</b>	<b>\$61,096</b>	<b>\$0</b>	<b>\$61,096</b>	<b>\$61,096</b>	
<i>1/1/18 to 12/31/18</i>	<i>American Diabetes Association-National</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Stechschulte, Lance A.	Orthopaedic Surgery, Department of				100		

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Orthopaedic Surgery, Department of</b>							
<b>C-125477-02</b>	<b>A Double-Blind, Controlled Phase 2B Study of the Safety and Efficacy of Modified Stem Cells (SB623) in Patients with Chronic Motor Deficit from Ischemic Stroke</b>		<b>No</b>	<b>\$43,706</b>	<b>\$13,986</b>	<b>\$57,692</b>	<b>\$17,307</b>
<i>7/1/17 to 6/30/18</i>	<i>Sunovion Pharmaceuticals</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Jumaa, Mouhammad A.	Neurology, Department of				35	
Co-I	Wuescher, Christian Andrew	Orthopaedic Surgery, Department of				30	
Co-I	Zaidi, Syed Fazal Abbas	Neurology, Department of				35	
<b>N-125526-01-A1</b>	<b>Nuclear Receptor Chaperones in Signaling and Metabolism</b>		<b>No</b>	<b>\$150,000</b>	<b>\$80,250</b>	<b>\$230,250</b>	
<i>7/1/17 to 6/30/19</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of				100	
Co-I	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of					
Co-I	Smás, Cynthia M.	Biochemistry & Cancer Biology, Department of					
Sum of Department ( <b>Orthopaedic Surgery, Department of</b> ) Award Count: <b>3.30</b>							<b>\$633,293</b>
<b>Pathology, Department of</b>							
<b>C-123377-05</b>	<b>Multifunctional Bone Putty for Craniomaxillofacial Bone Repair</b>		<b>No</b>	<b>\$251,924</b>	<b>\$126,826</b>	<b>\$378,750</b>	
<i>7/1/17 to 6/30/19</i>	<i>National Institute of Dental and Craniofacial Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Jayasuriya, Ambalangodage	Orthopaedic Surgery, Department of				100	
Co-I	Gunning, William T.	Pathology, Department of					
<b>N-125682-01-S1</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>		<b>No</b>	<b>\$1,018,908</b>	<b>\$209,914</b>	<b>\$1,228,822</b>	
<i>8/1/17 to 1/31/18</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of				100	
Co-I	Blomquist, Thomas M.	Pathology, Department of					
Co-I	Kalinoski, Andrea L.	Surgery, Department of					
Co-I	Margiotta, Joseph	Neurosciences, Department of					
Co-I	Willey, James	Medicine, Department of					
<b>N-125682-01-S2</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>		<b>No</b>	<b>\$1,737,085</b>	<b>\$457,035</b>	<b>\$2,194,120</b>	
<i>2/1/18 to 10/31/18</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of				100	
Co-I	Blomquist, Thomas M.	Pathology, Department of					
Co-I	Kalinoski, Andrea L.	Surgery, Department of					
Co-I	Margiotta, Joseph	Neurosciences, Department of					
Co-I	Willey, James	Medicine, Department of					

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Pathology, Department of</b>							
<b>N-126480-01</b>	<b>High-Throughput Analysis of Human Toxicity and Therapeutic of Cyanotoxins Across Organ Systems in Health and Disease</b>		<b>No</b>	<b>\$148,404</b>	<b>\$0</b>	<b>\$148,404</b>	<b>\$7,420</b>
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Haller, Steven T.	Medicine, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
<b>N-126481-01</b>	<b>Novel Therapies for Microcystin Induced Hepatotoxicity In Pre-Existing Liver Disease</b>		<b>No</b>	<b>\$147,708</b>	<b>\$0</b>	<b>\$147,708</b>	<b>\$7,385</b>
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Haller, Steven T.	Medicine, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
<b>N-126482-01</b>	<b>Effects of Inflammatory Bowel Disease on Susceptibility To Microcystin-LR</b>		<b>No</b>	<b>\$149,715</b>	<b>\$0</b>	<b>\$149,715</b>	<b>\$7,486</b>
<i>4/4/18 to 6/30/19</i>	<i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Haller, Steven T.	Medicine, Department of				85	
Co-I	Blomquist, Thomas M.	Pathology, Department of				5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
Co-I	Kennedy, David Joseph	Medicine, Department of				5	
Sum of Department ( <b>Pathology, Department of</b> ) Award Count: <b>0.15</b>							<b>\$22,291</b>
<b>Pediatrics, Department of</b>							
<b>C-123833-03</b>	<b>Single-Dose Study to Evaluate the Pharmacokinetics, Pharmacodynamics, Safety, and Tolerability of Apixaban in Pediatric Subjects at Risk for a Venous or Arterial Thrombotic Disorder</b>		<b>No</b>	<b>\$14,628</b>	<b>\$4,388</b>	<b>\$19,016</b>	<b>\$19,016</b>
<i>7/1/14 to 6/30/15</i>	<i>Bristol-Myers Squibb</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of				100	
<b>C-124921-04</b>	<b>An Open label, Dose-finding, Pharmacokinetics, Safety, and Tolerability Study of Oritavancin Single Dose Infusion in Pediatric Subjects Less Than 18 Years of Age with Suspected or Confirmed Bacterial Infections</b>		<b>No</b>	<b>\$3,846</b>	<b>\$1,154</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>7/15/17 to 9/30/17</i>	<i>The Medicines Company</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of				100	

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Pediatrics, Department of</b>							
<b>C-125410-02</b>	<b>A Sgl Blind Rand. Multi-Centre Active-Controlled Trial to Eval.the Safety,Tolerability,Pharmacokinetics and Efficacy of Ceftazidime &amp; Avibactam when Given in Comb. W/ Metonidazole, Compared W/Meropenem, in Children from 3 Months to Less than 18 Yrs of Age W/ Complicated Intra-Abdominal Infections</b>		<b>No</b>	<b>\$3,211</b>	<b>\$963</b>	<b>\$4,174</b>	<b>\$4,174</b>
<i>7/23/16 to 9/30/17</i>	<i>AstraZeneca, L.P.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
Dir Ctr/Inst	Rosolowski, Bonnie Jean	Pediatrics, Department of					
<b>C-125412-03</b>	<b>A Single Blind, Radomised, Multi-Centre, Active Controlled, Trial to Evaluate Safety, Tolerability, Pharmacokinetics and Efficacy of Ceftazidime and Avibactam Comparted with Cefepime in Children from 3 months to Less than 18 Years of Age with Complicated Urinary Tract Infections (cUTIs)</b>		<b>No</b>	<b>\$1,901</b>	<b>\$570</b>	<b>\$2,472</b>	<b>\$2,472</b>
<i>7/23/17 to 9/30/17</i>	<i>AstraZeneca, L.P.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
<b>C-125693-02</b>	<b>A Double Blind Placebo Controlled Study of CM-AT for the Treatment of Autism in Children with all Levels of Fecal Chymotrypsin</b>		<b>No</b>	<b>\$769</b>	<b>\$231</b>	<b>\$1,000</b>	<b>\$1,000</b>
<i>1/20/17 to 12/31/17</i>	<i>Curemark LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
<b>C-125694-02</b>	<b>An Open-Label Extension Study of CM-AT for the Treatment of Children with Autism</b>		<b>No</b>	<b>\$769</b>	<b>\$231</b>	<b>\$1,000</b>	<b>\$1,000</b>
<i>3/18/17 to 12/31/17</i>	<i>Curemark LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
<b>R-010085-39</b>	<b>Regional Comprehensive Genetics Services</b>		<b>No</b>	<b>\$145,374</b>	<b>\$0</b>	<b>\$145,374</b>	<b>\$145,374</b>
<i>7/1/17 to 6/30/18</i>	<i>Ohio Department of Health - Federal Pass-Through Funds</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Quinn, Eileen A.	Pediatrics, Department of			100		
Sum of Department ( <b>Pediatrics, Department of</b> )						<b>Award Count: 7.00</b>	<b>\$178,036</b>

## Phys Pharm Met/Cardio Science, Department of

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Phys Pharm Met/Cardio Science, Department of</b>							
<b>C-124233-04</b>	<b>Defective melanocortin signaling underlying T2D-associated erectile dysfunction</b>		<b>No</b>	<b>\$192,186</b>	<b>\$98,976</b>	<b>\$291,162</b>	<b>\$291,162</b>
<i>2/1/18 to 1/31/19</i>	<i>National Institute of Child Health &amp; Human Development</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hill, Jennifer E.W.	Phys Pharm Met/Cardio Science, Department of			100		
<b>C-124358-04</b>	<b>Antioxidant-PPARalpha interaction reduces adiposity</b>		<b>No</b>	<b>\$151,123</b>	<b>\$12,090</b>	<b>\$163,213</b>	<b>\$163,213</b>
<i>11/1/17 to 10/31/18</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hinds, Terry D.	Phys Pharm Met/Cardio Science, Department of			100		
<b>C-125185-02</b>	<b>Resp18 a novel genetic determinant of blood pressure regulation and renal function</b>		<b>No</b>	<b>\$70,000</b>	<b>\$7,000</b>	<b>\$77,000</b>	<b>\$77,000</b>
<i>7/1/17 to 6/30/18</i>	<i>American Heart Association - National</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kumarasamy, Sivarajan	Phys Pharm Met/Cardio Science, Department of			100		
<b>C-125610-02</b>	<b>Coupled transitions of FK506-binding domains in molecular design and signaling</b>		<b>No</b>	<b>\$27,000</b>	<b>\$13,906</b>	<b>\$40,906</b>	<b>\$40,906</b>
<i>1/1/18 to 12/31/18</i>	<i>National Institutes of Health through Health Research, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of			100		
<b>N-125526-01-A1</b>	<b>Nuclear Receptor Chaperones in Signaling and Metabolism</b>		<b>No</b>	<b>\$150,000</b>	<b>\$80,250</b>	<b>\$230,250</b>	<b>\$230,250</b>
<i>7/1/17 to 6/30/19</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of			100		
Co-I	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of					
Co-I	Smas, Cynthia M.	Biochemistry & Cancer Biology, Department of					
<b>N-126548-01</b>	<b>BLM Contract Solicitation L17PS00986: Production of PZP-22 Contraceptive Vaccine</b>		<b>No</b>	<b>\$316,833</b>	<b>\$82,378</b>	<b>\$399,211</b>	<b>\$399,211</b>
<i>9/26/17 to 9/25/18</i>	<i>Bureau of Land Management</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Turner, John	Phys Pharm Met/Cardio Science, Department of			100		
<b>N-126785-01</b>	<b>Anti-Inflammatory and Anti-Oxidant Effects of Potato Anthocyanins -- Role of Gut Bacteria</b>		<b>No</b>	<b>\$12,113</b>	<b>\$3,633</b>	<b>\$15,746</b>	<b>\$15,746</b>
<i>1/1/18 to 10/31/18</i>	<i>U.S. Department of Agriculture through Pennsylvania State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Phys Pharm Met/Cardio Science, Department of			100		

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Phys Pharm Met/Cardio Science, Department of</b>								
<b>S-125610-02-S2</b>	<b>Coupled transitions of FK506-binding domains in molecular design and signaling</b>		<b>No</b>	<b>\$3,000</b>	<b>\$1,605</b>	<b>\$4,605</b>	<b>\$4,605</b>	
<i>1/1/18 to 12/31/18</i>	<i>National Institutes of Health through Health Research, Inc.</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of			100			
<b>T-126676-02</b>	<b>Interplay between Dietary Fiber and Gut Microbiota in Hepatocellular Carcinoma</b>		<b>No</b>	<b>\$187,388</b>	<b>\$100,251</b>	<b>\$287,639</b>	<b>\$287,639</b>	
<i>1/1/18 to 6/30/18</i>	<i>National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Kumar, Matam Vijay	Phys Pharm Met/Cardio Science, Department of			100			
<b>T-126745-04</b>	<b>Resource for Rat Genetic Models of Aerobic Capacity</b>		<b>No</b>	<b>\$173,738</b>	<b>\$92,950</b>	<b>\$266,688</b>	<b>\$266,688</b>	
<i>2/15/18 to 6/30/18</i>	<i>National Institutes of Health</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Koch, Lauren Gerard	Phys Pharm Met/Cardio Science, Department of			100			
Co-I	Joe, Bina	Phys Pharm Met/Cardio Science, Department of						
Sum of Department (Phys Pharm Met/Cardio Science, Depa							Award Count: 10.00	<b>\$1,776,420</b>
<b>Psychiatry, Department of</b>								
<b>C-010532-23</b>	<b>Adult Psychiatry Residency and Training Program</b>		<b>No</b>	<b>\$38,571</b>	<b>\$1,429</b>	<b>\$40,000</b>	<b>\$40,000</b>	
<i>7/1/17 to 6/30/18</i>	<i>Ohio Department of Mental Health and Addiction Services</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Kelly, Victoria C.	Psychiatry, Department of			100			
<b>C-101221-10</b>	<b>Pre-, Peri-, and Post-deployment Trajectories and Mechanisms of Psychopathology, Psychological Health and Resilience over 9 Years of Prospective Follow-up in the Reserves</b>		<b>No</b>	<b>\$51,244</b>	<b>\$26,391</b>	<b>\$77,635</b>	<b>\$77,635</b>	
<i>6/1/18 to 5/31/19</i>	<i>U. S. Army Medical Research and Materiel Command through University Hospitals of Cleveland</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Wryobeck, John	Psychiatry, Department of			100			
Co-I	Elhai, Jon D.	Psychology, Department of						
Co-I	Fine, Thomas	Psychiatry, Department of						
<b>C-101317-13</b>	<b>Child and Adolescent Psychiatry Residency and Training Program</b>		<b>No</b>	<b>\$28,571</b>	<b>\$1,429</b>	<b>\$30,000</b>	<b>\$30,000</b>	
<i>7/1/17 to 6/30/18</i>	<i>Ohio Department of Mental Health and Addiction Services</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Knox, Michele	Psychiatry, Department of			50			
Co-I	Goyal, Rakesh	Psychiatry, Department of			25			
Co-I	Kelly, Victoria C.	Psychiatry, Department of			25			

## Medicine and Life Sciences, College of

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<b>Psychiatry, Department of</b>						
<b>C-123813-04</b>	<b>Early Intervention to Reduce Alcohol Misuse and Abuse in the Ohio Army National Guard</b>	<b>No</b>	<b>\$85,447</b>	<b>\$44,005</b>	<b>\$129,452</b>	<b>\$129,452</b>
<i>9/1/17 to 8/31/18 Case Western Reserve University/Case Medical Center through University Hospitals of Cleveland</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wryobeck, John	Psychiatry, Department of	100			
<b>C-124024-05</b>	<b>Neurobehavioral Moderators of Post-traumatic Disease Trajectories: Prospective MRI Study of Recent Trauma Survivors</b>	<b>No</b>	<b>\$3,937</b>	<b>\$2,028</b>	<b>\$5,965</b>	<b>\$5,965</b>
<i>4/1/18 to 3/31/19 National Institute on Mental Health through New York University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Xin	Psychiatry, Department of	100			
<b>C-125299-02</b>	<b>Study of Early Brain Alterations that Predict Development of Chronic PTSD</b>	<b>No</b>	<b>\$488,874</b>	<b>\$191,128</b>	<b>\$680,002</b>	<b>\$680,002</b>
<i>7/1/17 to 6/30/18 National Institute on Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Xin	Psychiatry, Department of	100			
Co-I	Brickman, Kristopher R.	Surgery, Department of				
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Rapport, Daniel J.	Psychiatry, Department of				
Co-I	Tull, Matthew T.	Psychology, Department of				
Co-I	Xie, Hong	Neurosciences, Department of				
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of				
<b>N-126073-01-A1</b>	<b>CO2 Inhalation enhances the lability of fear memory</b>	<b>No</b>	<b>\$250,000</b>	<b>\$99,000</b>	<b>\$349,000</b>	
<i>4/1/18 to 12/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Du, Jianyang	Biological Sciences, Department of	100			
Co-I	Sari, Youssef	Pharmacology, Department of				
Co-I	Wang, Xin	Psychiatry, Department of				
<b>N-127000-01</b>	<b>Ohio Opioid Analytics Project</b>	<b>No</b>	<b>\$22,126</b>	<b>\$2,213</b>	<b>\$24,339</b>	<b>\$8,275</b>
<i>5/1/18 to 6/30/18 Centers for Medicare and Medicaid Services through Ohio Colleges of Medicine Government Resource Center</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of	34			
Co-I	Boose, Michelle Delores	Family Medicine, Department of	33			
Co-I	Pappada, Scott Michael	Anesthesiology, Department of	33			
Sum of Department ( <b>Psychiatry, Department of</b> )						Award Count: <b>6.34</b>
						<b>\$971,329</b>

## Public Hlth/Homeland Security, Department of

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<b>Public Hlth/Homeland Security, Department of</b>							
<b>C-101313-12</b>	<b>NIOSH Training Grant Project: Industrial Hygiene-University Toledo</b>		<b>No</b>	<b>\$70,727</b>	<b>\$1,224</b>	<b>\$71,951</b>	<b>\$53,963</b>
<i>7/1/17 to 6/30/18</i>	<i>National Institute for Occupational Safety and Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Security, Department of			75		
PI/PD	Ames, April L.	School of Population Health			25		
Sum of Department ( <b>Public Hlth/Homeland Security, Depar</b> ) Award Count: <b>0.75</b>							<b>\$53,963</b>
<b>Radiation Oncology, Department of</b>							
<b>N-126321-01</b>	<b>HERO: A Multinational Phase 3 Randomized, Open-label, Parallel Group Study to Evaluate the Safety and Efficacy of Relugolix in Men with Advanced Prostate Cancer; Protocol #: MVT-601-3201</b>		<b>No</b>	<b>\$11,250</b>	<b>\$3,375</b>	<b>\$14,625</b>	<b>\$11,700</b>
<i>5/22/17 to 5/21/18</i>	<i>PPD Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elliott, David A.	Radiation Oncology, Department of			80		
PI/PD	Jain, Samay	Urology, Department of					
Co-I	Skeel, Roland	Medicine, Department of			10		
Co-I	Verghese, Cherian	Medicine, Department of			10		
Sum of Department ( <b>Radiation Oncology, Department of</b> ) Award Count: <b>0.80</b>							<b>\$11,700</b>
<b>Radiology, Department of</b>							
<b>N-126583-01</b>	<b>Thermalogical Analysis of a Cohort of Women Undergoing Mammographic Analysis</b>		<b>Yes</b>	<b>\$4,410</b>	<b>\$1,323</b>	<b>\$5,733</b>	<b>\$5,733</b>
<i>9/22/17 to 9/21/18</i>	<i>FirstSense Medical LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elsamaloty, Haitham M.	Radiology, Department of			100		
Co-I	Lewis, Terrence J.	Radiology, Department of					
<b>N-126968-01-W1</b>	<b>Ad-p53-002; A Phase 2, Multi-Center, Open Label, Randomized Study to Evaluate Efficacy and Safety of Adenoviral p53 (Ad-p53) in combination with Nivolumab versus Nivolumab alone in Patients with Recurrent Head and Neck Squamous Cell Carcinoma (HNSCC)</b>		<b>Yes</b>	<b>\$8,077</b>	<b>\$2,423</b>	<b>\$10,500</b>	
<i>5/3/18 to 5/2/19</i>	<i>MultiVir Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Nemunaitis, John J.	Medicine, Department of			100		
Co-I	Elsamaloty, Haitham M.	Radiology, Department of					
Co-I	Hamouda, Danae M.	Medicine, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Verghese, Cherian	Medicine, Department of					
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of					
Sum of Department ( <b>Radiology, Department of</b> ) Award Count: <b>1.00</b>							<b>\$5,733</b>



## Medicine and Life Sciences, College of

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<b>Resid Prgm-Medicine</b>						
<b>C-124630-04</b>	<b>A Multicenter, Double-blind, Randomized, Placebo-controlled, Phase 3 Study to Assess the Efficacy and Safety of Oral BPS-314d-MR Added-On to Trepstinil, Inhaled (Tyvaso®) in Subjects with Pulmonary Arterial Hypertension</b>	<b>No</b>	<b>\$5,983</b>	<b>\$1,795</b>	<b>\$7,778</b>	
<i>7/1/17 to 6/30/18 Lung Biotechnology Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Moukarbel, George Victor	Medicine, Department of	100			
Co-I	Garris, Theresa	Medicine, Department of				
Co-I	Kahaleh, M Bashar	Medicine, Department of				
Co-I	Khouri, Samer J.	Medicine, Department of				
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine				
<b>C-125294-03</b>	<b>A Multicenter, Open-label Extension (OLE) Study to Assess the Long-term Safety and Efficacy of Evolocumab</b>	<b>No</b>	<b>\$3,418</b>	<b>\$1,025</b>	<b>\$4,443</b>	<b>\$889</b>
<i>9/16/17 to 9/16/18 Amgen, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sheikh, Mujeeb Abdul	Medicine, Department of	60			
Co-I	Burket, Mark	Medicine, Department of	10			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine	10			
<b>N-121592-01</b>	<b>A Randomized, Multicenter, Double-Blind, Parallel, Placebo-Controlled Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects With Type 2 Diabetes Mellitus (The CANVAS Trial)</b>	<b>Yes</b>	<b>\$1,200</b>	<b>\$300</b>	<b>\$1,500</b>	
<i>2/24/10 to 1/31/19 Janssen Research &amp; Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Akpunonu, Basil	Medicine, Department of	100			
Co-I	Bittar, Samih	Medicine, Department of				
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine				
<b>N-123436-01</b>	<b>Levant 2, Phase 2 Continued Access Registry</b>	<b>Yes</b>	<b>\$984</b>	<b>\$266</b>	<b>\$1,250</b>	<b>\$125</b>
<i>5/11/12 to 9/14/18 Lutonix Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	70			
Co-I	Cooper, Christopher	Medicine, Department of	10			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Nahhas, Ahed T.	Medicine, Department of	5			

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<b>Resid Prgm-Medicine</b>						
<b>N-123999-01</b>	<b>Zilver PTX V</b>	<b>Yes</b>	<b>\$3,935</b>	<b>\$1,180</b>	<b>\$5,115</b>	<b>\$512</b>
<i>4/16/13 to 4/15/19</i>		<i>Cook, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	60			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Nahhas, Ahed T.	Medicine, Department of	20			
<b>N-125820-01</b>	<b>A Randomized Trial Comparing the ELUVIA™ Drug-Eluting Stent Versus Zilver® PTX® Stent for Treatment of Superficial Femoral and/or Proximal Popliteal Arteries</b>	<b>Yes</b>	<b>\$5,640</b>	<b>\$1,692</b>	<b>\$7,331</b>	<b>\$367</b>
<i>9/12/16 to 9/11/18</i>		<i>Boston Scientific Corporation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	80			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	5			
Co-I	Gupta, Rajesh	Medicine, Department of	5			
Co-I	Moukarbel, George Victor	Medicine, Department of	5			
Co-I	Moza, Ankush	Medicine, Department of				
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of	5			
<b>N-126355-01</b>	<b>Myocardial Ischemia and Transfusion (MINT)</b>	<b>No</b>	<b>\$22,308</b>	<b>\$6,692</b>	<b>\$29,000</b>	
<i>6/1/17 to 5/31/18</i>		<i>National Institutes of Health through Rutgers University</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sheikh, Mujeeb Abdul	Medicine, Department of	100			
Co-I	Alhazmi, Luai	Medicine, Department of				
Co-I	Assiri, Salem Ali	Medicine, Department of				
Co-I	Burket, Mark	Medicine, Department of				
Co-I	Chowdhury, Mohammed Andalee	Medicine, Department of				
Co-I	Cook, Jered	Medicine, Department of				
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				
Co-I	Farah, Amjad	Medicine, Department of				
Co-I	Gupta, Rajesh	Medicine, Department of				
Co-I	Khouri, Samer J.	Medicine, Department of				
Co-I	Mathew, Anil George	Medicine, Department of				
Co-I	Murphy, Laura	Medicine, Department of				
Co-I	Sabbagh, Ebrahim	Medicine, Department of				
Co-I	Shafiq, Qaiser	Medicine, Department of				
Co-I	Syed, Mubbasher Ameer	Medicine, Department of				
Co-I	Towheed, Arooge	Medicine, Department of				

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<b>Resid Prgm-Medicine</b>							
<b>N-126600-01</b>	<b>The Randomized and Controlled Noninferiority Trial to Evaluate Safety and Clinical Efficacy of the SurVeil™ Drug-Coated Balloon in the Treatment of Subjects with Stenotic Lesions of the Femoropopliteal Artery Compared to the Medtronic IN.PACT® Admiral® Drug-Coated Balloon. (TRANSCEND)</b>		<b>Yes</b>	<b>\$10,547</b>	<b>\$3,164</b>	<b>\$13,712</b>	<b>\$1,371</b>
<i>12/20/17 to 12/19/18</i>	<i>Surmodics, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Burket, Mark	Medicine, Department of				60	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				10	
Co-I	Gupta, Rajesh	Anesthesiology, Department of				10	
Co-I	Moukarbel, George Victor	Medicine, Department of				10	
Co-I	Shafiq, Qaiser	Medicine, Department of					
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of				10	
Sum of Department ( <b>Resid Prgm-Medicine</b> ) Award Count: <b>0.55</b>							<b>\$3,263</b>
<b>Resid Prgm-Neurology</b>							
<b>C-122627-06</b>	<b>Phase 3, Open-Label, Multicenter, Follow-Up Study to Evaluate the Long-Term Safety and Efficacy of Brivaracetam Used as Adjunctive Treatment in Subjects Aged 16 Years or Older with Partial-Onset Seizures</b>		<b>No</b>	<b>\$5,376</b>	<b>\$1,452</b>	<b>\$6,828</b>	<b>\$3,414</b>
<i>7/1/15 to 6/30/16</i>	<i>UCB Pharma, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
Co-PI	Ali, Imran	Neurology, Department of				30	
Co-I	Cole, Kimberly A.	Neurology, Department of				20	
Co-I	Li, Hongyan	Resid Prgm-Neurology				30	
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology				20	
<b>C-125087-02</b>	<b>A Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Efficacy And Safety Of Sage-547 Injection In The Treatment Of Subjects With Refractory Status Epilepticus Who Have Failed Standard Treatment</b>		<b>No</b>	<b>\$30,552</b>	<b>\$9,166</b>	<b>\$39,718</b>	<b>\$7,944</b>
<i>5/1/17 to 3/28/18</i>	<i>Sage Therapeutics</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Ali, Imran	Neurology, Department of				70	
Co-I	Assaly, Ragheb	Medicine, Department of				10	
Co-I	Li, Hongyan	Resid Prgm-Neurology				10	
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology				10	

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Resid Prgm-Neurology</b>							
<b>N-125700-01</b>	<b>Imaging Dementia - Evidence for Amyloid Scanning (IDEAS) Study: A Coverage with Evidence Development Longitudinal Cohort Study ACRIN Protocol 7155</b>		<b>Yes</b>	<b>\$692</b>	<b>\$208</b>	<b>\$900</b>	<b>\$900</b>
<i>7/17/17 to 6/20/18</i>	<i>American College of Radiology</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Ramsey-Williams, Vicki A.	Resid Prgm-Neurology				100	
Sum of Department ( <b>Resid Prgm-Neurology</b> ) Award Count: <b>1.70</b>							<b>\$12,258</b>
<b>Resid Prgm-Urology</b>							
<b>N-126247-01</b>	<b>A 12-Week, Randomized, Multi-center, Double-Blind, Placebo-Controlled, 3-Arm, Parallel-Group Phase 3 Trial to Evaluate the Efficacy and Safety of 2 Doses of AQX-1125 Targeting the SHIP1 Pathway in Subjects with Interstitial Cysti</b>		<b>Yes</b>	<b>\$6,712</b>	<b>\$2,013</b>	<b>\$8,725</b>	<b>\$8,725</b>
<i>3/22/17 to 3/21/19</i>	<i>Aquinox Pharmaceuticals Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Sindhvani, Puneet	Resid Prgm-Urology				100	
Sum of Department ( <b>Resid Prgm-Urology</b> ) Award Count: <b>1.00</b>							<b>\$8,725</b>
<b>Surgery, Department of</b>							
<b>C-125299-02</b>	<b>Study of Early Brain Alterations that Predict Development of Chronic PTSD</b>		<b>No</b>	<b>\$488,874</b>	<b>\$191,128</b>	<b>\$680,002</b>	
<i>7/1/17 to 6/30/18</i>	<i>National Institute on Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Wang, Xin	Psychiatry, Department of				100	
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Rappport, Daniel J.	Psychiatry, Department of					
Co-I	Tull, Matthew T.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of					
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of					
<b>C-125766-02</b>	<b>Macitentan in Pulmonary Hypertension Post-Left Ventricular Assist Device Implantation (SOPRANO). Protocol AC-055-205</b>		<b>No</b>	<b>\$12,606</b>	<b>\$3,782</b>	<b>\$16,388</b>	<b>\$16,388</b>
<i>6/28/17 to 2/19/18</i>	<i>Actelion Clinical Operations, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Bonnell, Mark	Surgery, Department of				100	
Co-I	Khouri, Samer J.	Medicine, Department of					
Co-I	Mueller, Connie	Surgery, Department of					
Co-I	Schwann, Thomas A.	Surgery, Department of					

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Surgery, Department of</b>							
<b>N-124711-01</b>	<b>Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia</b>		<b>Yes</b>	<b>\$13,000</b>	<b>\$3,900</b>	<b>\$16,900</b>	<b>\$16,900</b>
<i>9/30/14 to 3/31/19</i>	<i>National Heart, Lung &amp; Blood Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nazzal, Munier M.S.	Surgery, Department of				100	
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Moukarbel, George Victor	Medicine, Department of					
Co-I	Qu, Weikai	Surgery, Department of					
<b>N-125287-01</b>	<b>A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Preoperative Antithrombin Supplementation In Patients Undergoing High-Risk Cardiac Surgery with Cardiopulmonary Bypass</b>		<b>Yes</b>	<b>\$47,608</b>	<b>\$14,282</b>	<b>\$61,890</b>	<b>\$52,606</b>
<i>8/20/15 to 6/1/18</i>	<i>Grifols Incorporated</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Schwann, Thomas A.	Surgery, Department of				60	
Co-I	Bonnell, Mark	Surgery, Department of				15	
Co-I	Davis, Jennifer Elizabeth	Surgery, Department of				5	
Co-I	Mueller, Connie	Surgery, Department of				5	
Co-I	Sattler, Christina Gail	Medicine, Department of				15	
<b>N-125530-01</b>	<b>An International, Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3 Trial Investigating Efficacy &amp; Safety of Rivaroxaban to Reduce Risk of Major Thrombotic Vascular Events in Patients w/ Symptomatic Peripheral Artery Disease Undergoing Lower Extremity Revascularization Procedures</b>		<b>Yes</b>	<b>\$8,136</b>	<b>\$2,441</b>	<b>\$10,577</b>	<b>\$10,577</b>
<i>11/23/15 to 11/22/18</i>	<i>Bayer Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nazzal, Munier M.S.	Surgery, Department of				100	
Co-I	Gupta, Rajesh	Medicine, Department of					
Co-I	Mathew, Jeff	Surgery, Department of					
Co-I	Moukarbel, George Victor	Medicine, Department of					
<b>N-125682-01-S1</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>		<b>No</b>	<b>\$1,018,908</b>	<b>\$209,914</b>	<b>\$1,228,822</b>	
<i>8/1/17 to 1/31/18</i>	<i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of				100	
Co-I	Blomquist, Thomas M.	Pathology, Department of					
Co-I	Kalinoski, Andrea L.	Surgery, Department of					
Co-I	Margiotta, Joseph	Neurosciences, Department of					
Co-I	Willey, James	Medicine, Department of					

## Medicine and Life Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Surgery, Department of</b>						
<b>N-125682-01-S2</b>	<b>Anatomical-Functional Mapping of Enteric Neural Circuits</b>	<b>No</b>	<b>\$1,737,085</b>	<b>\$457,035</b>	<b>\$2,194,120</b>	
<i>2/1/18 to 10/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Howard, Marthe	Neurosciences, Department of			100	
Co-I	Blomquist, Thomas M.	Pathology, Department of				
Co-I	Kalinoski, Andrea L.	Surgery, Department of				
Co-I	Margiotta, Joseph	Neurosciences, Department of				
Co-I	Willey, James	Medicine, Department of				
<b>N-126267-01</b>	<b>ACLAMATE II Automated Cognitive Load Assessment for Medical Staff Training and Evaluation</b>	<b>No</b>	<b>\$23,110</b>	<b>\$11,901</b>	<b>\$35,011</b>	
<i>9/18/17 to 5/17/18 U.S. Department of Defense through Aptima, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of			100	
Co-I	Casabianca, Andrew	Anesthesiology, Department of				
Co-I	Hofmann, James	Anesthesiology, Department of				
Co-I	Nazzal, Munier M.S.	Surgery, Department of				
Co-I	Papadimos, Thomas J.	Anesthesiology, Department of				
Co-I	Stroud, Jason Michael	Anesthesiology, Department of				
<b>N-126348-01</b>	<b>IRB # 202128, A randomized, multicenter, phase 2 study of DSP-7888 dosing emulsion in combination with bevacizumab versus bevacizumab alone in patients with recurrent or progressive glioblastoma following initial therapy study</b>	<b>Yes</b>	<b>\$6,486</b>	<b>\$1,946</b>	<b>\$8,432</b>	<b>\$5,059</b>
<i>10/2/17 to 10/1/19 Boston Biomedical</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Schroeder, Jason Lee	Surgery, Department of			60	
Co-I	Hamouda, Danae M.	Medicine, Department of				
Co-I	Skeel, Roland	Medicine, Department of			20	
Co-I	Verghese, Cherian	Medicine, Department of			20	

## Medicine and Life Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Surgery, Department of</b>						
<b>N-126971-01</b>	<b>A Randomized Phase 2 Trial of AM0010 in Combination with Pembrolizumab vs. Pembrolizumab Alone as First-line Therapy in Patients with Metastatic Non-Small Cell Lung Cancer whose Tumors Have High PD-L1 Expression</b>	<b>Yes</b>	<b>\$8,558</b>	<b>\$2,567</b>	<b>\$11,125</b>	
<i>4/12/18 to 4/11/19 ARMO BioSciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nemunaitis, John J.	Medicine, Department of	100			
Co-I	Chaudhuri, Prabir	Surgery, Department of				
Co-I	Hamouda, Danae M.	Music, Department of				
Co-I	Skeel, Roland	Medicine, Department of				
Co-I	Verghese, Cherian	Medicine, Department of				
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of				
<b>N-127002-01</b>	<b>A Randomized Phase 2 Trial of AM0010 in Combination with Nivolumab Vs. Nivolumab Alone s Second Line Therapy in Patients With Stage IV/Metastatic Wild Type Non-Small Cell Lung Cancer and Low Tumor Expression of PD-L1</b>	<b>Yes</b>	<b>\$12,584</b>	<b>\$3,775</b>	<b>\$16,359</b>	
<i>4/12/18 to 4/11/19 ARMO BioSciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nemunaitis, John J.	Medicine, Department of	100			
Co-I	Chaudhuri, Prabir	Surgery, Department of				
Co-I	Hamouda, Danae M.	Medicine, Department of				
Co-I	Skeel, Roland	Medicine, Department of				
Co-I	Verghese, Cherian	Medicine, Department of				
Dir Ctr/Inst	Nemunaitis, Nadine	Medicine, Department of				
Sum of Department ( <b>Surgery, Department of</b> ) Award Count: <b>4.45</b>						<b>\$101,530</b>
<b>Urology, Department of</b>						
<b>C-122448-06</b>	<b>Optimization and Simulation of Kidney Paired Donation Programs</b>	<b>No</b>	<b>\$25,381</b>	<b>\$13,579</b>	<b>\$38,960</b>	<b>\$38,960</b>
<i>5/1/18 to 4/30/19 National Institute of Diabetes, Digestive &amp; Kidney Diseases through University of Michigan</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rees, Michael A.	Urology, Department of	100			

## Medicine and Life Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Urology, Department of</b>							
<b>N-123876-01</b>	<b>A 24-Month, Single-Center, Pilot, Open-Label, Randomized, Controlled Trial to Evaluate the Efficacy and Safety of Calcineurin-Inhibitor Elimination or Reduction [...]Everolimus@IMyfortic® versus Reduced Dose tacrolimusEverolimus® in Adult Renal Transplant Recipients [ . . ]</b>		<b>Yes</b>	<b>\$162,347</b>	<b>\$0</b>	<b>\$162,347</b>	<b>\$97,408</b>
<i>2/15/13 to 12/31/20</i>		<i>Novartis</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Rees, Michael A.	Urology, Department of				60	
Co-PI	Kaw, Dinkar	Medicine, Department of				30	
Co-I	Ekwenna, Obi	Urology, Department of					
Co-I	Malhotra, Deepak K.	Medicine, Department of				10	
Co-I	Ratnam, Shobha	Medicine, Department of					
<b>N-126321-01</b>	<b>HERO: A Multinational Phase 3 Randomized, Open-label, Parallel Group Study to Evaluate the Safety and Efficacy of Relugolix in Men with Advanced Prostate Cancer; Protocol #: MVT-601-3201</b>		<b>No</b>	<b>\$11,250</b>	<b>\$3,375</b>	<b>\$14,625</b>	
<i>5/22/17 to 5/21/18</i>		<i>PPD Development, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elliott, David A.	Radiation Oncology, Department of				80	
PI/PD	Jain, Samay	Urology, Department of					
Co-I	Skeel, Roland	Medicine, Department of				10	
Co-I	Verghese, Cherian	Medicine, Department of				10	
<b>N-126449-01-A1</b>	<b>Alteration of the miR-let-7c: Lin28 ratio as a predictor of therapy resistance in Prostate Cancer</b>		<b>No</b>	<b>\$50,000</b>	<b>\$26,750</b>	<b>\$76,750</b>	<b>\$76,750</b>
<i>9/22/17 to 8/31/18</i>		<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nadiminty, Nagalakshmi	Urology, Department of				100	
<b>T-126409-02</b>	<b>MicroRNAs Modulate Therapy Resistance in Prostate Cancer</b>		<b>No</b>	<b>\$178,026</b>	<b>\$95,244</b>	<b>\$273,270</b>	<b>\$273,270</b>
<i>7/1/17 to 6/30/19</i>		<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nadiminty, Nagalakshmi	Urology, Department of				100	
			<b>Sum of Department (Urology, Department of)</b>		<b>Award Count: 3.60</b>		<b>\$486,388</b>
			<b>Sum of College (Medicine and Life Sciences, College of)</b>		<b>Award Count: 132.80</b>		<b>\$14,289,661</b>

## Natural Sciences & Mathematics, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
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## Natural Sciences & Mathematics, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Biological Sciences, Department of</b>						
<b>C-125183-02</b>	<b>A Novel RhoG Protein Interaction Network in Invadopodia</b>	No	\$50,000	\$25,582	\$75,582	\$75,582
7/1/17 to 6/30/18 <i>National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Garcia-Mata, Rafael	Biological Sciences, Department of	100			
<b>C-125437-02</b>	<b>A Genome-wide Drosophila RNAi Screen for Regulators of Centrosome Reduction</b>	No	\$50,000	\$23,750	\$73,750	\$73,750
7/1/17 to 6/30/18 <i>National Institute of Child Health &amp; Human Development</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of	100			
<b>C-125765-02</b>	<b>Analysis of mechanisms involved in induction of abiotic and biotic stress tolerance in Horticulture Crops Through Nutrition or Temperature</b>	No	\$176,146	\$17,652	\$193,798	\$193,798
7/1/17 to 6/30/18 <i>U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Leisner, Scott M.	Biological Sciences, Department of	100			
<b>C-125932-02</b>	<b>Immune Evasion in Aquatic Rhabdoviral Pathogens</b>	No	\$290,698	\$0	\$290,698	\$290,698
9/17/17 to 6/30/19 <i>U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Leaman, Douglas W.	Biological Sciences, Department of	50			
Co-I	Krishnamurthy, Malathi	Biological Sciences, Department of	50			
<b>N-125616-01-A1</b>	<b>Novel Ferroptotic Compounds to Target Mesenchymal Breast Cancer and Cancer Stem Cells</b>	No	\$300,000	\$149,000	\$449,000	\$179,600
1/1/18 to 12/31/20 <i>National Institutes of Health through National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tillekeratne, Liyanaaratchige	Medicinal and Biological Chemistry, Department of	50			
Co-PI	Isailovic, Dragan	Chemistry and Biochemistry, Department of	10			
Co-PI	Taylor, William R.	Biological Sciences, Department of	40			
<b>N-125811-01</b>	<b>Novel Role for B-defensin 3 in the Regulation of Innate Lymphocytes and Oral Mucosal Immune Responses</b>	No	\$297,066	\$141,106	\$438,172	\$438,172
9/1/17 to 8/31/20 <i>National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of	100			
<b>N-125854-01</b>	<b>Developing an animal model to identify the role of the sperm centriole in fertility</b>	No	\$152,320	\$72,270	\$224,590	\$224,590
9/11/17 to 8/31/18 <i>National Institute of Child Health &amp; Human Development</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of	100			

## Natural Sciences & Mathematics, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Biological Sciences, Department of</b>						
<b>N-125961-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$133,000</b>	<b>\$0</b>	<b>\$133,000</b>	
<i>7/1/17 to 6/30/18 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ashburner, Brian P.	Biological Sciences, Department of				
Co-PI	Martin, Geoffrey K.	Mathematics, Department of	100			
<b>N-125992-01-A1</b>	<b>Gfi1-mediated inhibition of the cytostatic effect of TGPb in the hematopoietic system</b>	<b>No</b>	<b>\$300,000</b>	<b>\$148,500</b>	<b>\$448,500</b>	<b>\$448,500</b>
<i>7/14/17 to 6/30/20 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dong, Fan	Biological Sciences, Department of	100			
<b>N-126073-01-A1</b>	<b>CO2 Inhalation enhances the lability of fear memory</b>	<b>No</b>	<b>\$250,000</b>	<b>\$99,000</b>	<b>\$349,000</b>	<b>\$349,000</b>
<i>4/1/18 to 12/31/18 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Du, Jianyang	Biological Sciences, Department of	100			
Co-I	Sari, Youssef	Pharmacology, Department of				
Co-I	Wang, Xin	Psychiatry, Department of				
<b>N-126328-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$144,000</b>	<b>\$0</b>	<b>\$144,000</b>	
<i>7/1/17 to 6/30/21 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ashburner, Brian P.	Biological Sciences, Department of				
PI/PD	Randolph, Brian W.	Civil Engineering, Department of	100			
<b>N-126496-01</b>	<b>Ohio Innovations Grant--P-16 Pathways of Promise (P3)</b>	<b>No</b>	<b>\$185,186</b>	<b>\$14,814</b>	<b>\$200,000</b>	<b>\$34,000</b>
<i>7/30/17 to 7/31/19 Ohio Department of Higher Education through Bowling Green State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keil, Virginia L.	Dean-Education	50			
Co-PI	Ashburner, Brian P.	Biological Sciences, Department of	17			
Co-PI	Romer, Terence G.	Med Microbiology & Immunology, Department of	0			
Co-PI	Schneider, Rebecca M.	Curriculum and Instruction, Department of	17			
Co-PI	Stone, Gregory	Educational Foundations and Leadership	16			
<b>N-126543-01</b>	<b>Develop small molecules that enhance MAD2: CDC20 interaction to inhibit cell proliferation</b>	<b>No</b>	<b>\$144,103</b>	<b>\$21,615</b>	<b>\$165,718</b>	<b>\$165,718</b>
<i>4/1/18 to 3/31/19 Elsa U. Pardee Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Liu, Song-Tao	Biological Sciences, Department of	100			

## Natural Sciences & Mathematics, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Biological Sciences, Department of</b>							
<b>N-126943-01</b>	<b>RESEARCH - PGR: Elucidating Maize Gene Regulatory Networks to Accelerate Translational Genomics</b>		<b>No</b>	<b>\$111,841</b>	<b>\$52,332</b>	<b>\$164,173</b>	<b>\$164,173</b>
<i>2/1/18 to 1/31/19</i>	<i>National Science Foundation through Michigan State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gray, John	Biological Sciences, Department of			100		
<b>T-126517-01</b>	<b>Molecular basis of plant parasitism by a galling insect</b>		<b>No</b>	<b>\$236,833</b>	<b>\$117,232</b>	<b>\$354,065</b>	
<i>8/15/17 to 7/31/19</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Schultz, John C.	Environmental Sciences, Department of			50		
Co-PI	Appel, Heidi M.	Environmental Sciences, Department of			50		
Stdnt Schol	Steider, Pamela Ruth	Biological Sciences, Department of					
Sum of Department ( <b>Biological Sciences, Department of</b> ) Award Count: <b>10.57</b>							<b>\$2,637,581</b>
<b>Chemistry and Biochemistry, Department of</b>							
<b>C-123079-05</b>	<b>Stereoselective Construction of Difficult Glycosidic Linkages</b>		<b>No</b>	<b>\$97,797</b>	<b>\$32,203</b>	<b>\$130,000</b>	<b>\$130,000</b>
<i>7/1/17 to 6/30/19</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Zhu, Jianglong	Chemistry and Biochemistry, Department of			100		
<b>C-125096-03</b>	<b>New experiments towards understanding shock sensitivity of energetic materials</b>		<b>No</b>	<b>\$26,250</b>	<b>\$23,750</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>12/1/17 to 11/30/18</i>	<i>Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Pinkerton, A. Alan	Chemistry and Biochemistry, Department of			50		
Co-PI	Zhurova, Elizabeth A.	Chemistry and Biochemistry, Department of			50		
<b>C-125096-03-S1</b>	<b>New experiments towards understanding shock sensitivity of energetic materials</b>		<b>No</b>	<b>\$92,881</b>	<b>\$44,119</b>	<b>\$137,000</b>	<b>\$137,000</b>
<i>12/1/17 to 5/15/19</i>	<i>Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Pinkerton, A. Alan	Chemistry and Biochemistry, Department of			50		
Co-PI	Zhurova, Elizabeth A.	Chemistry and Biochemistry, Department of			50		
<b>C-125688-02</b>	<b>Neutron Diffraction Studies of PLP Dependent Enzymes</b>		<b>No</b>	<b>\$16,949</b>	<b>\$8,051</b>	<b>\$25,000</b>	<b>\$25,000</b>
<i>9/1/17 to 8/31/18</i>	<i>U.S. Department of Energy through Battelle</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Mueser, Timothy	Chemistry and Biochemistry, Department of			100		

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<b>Chemistry and Biochemistry, Department of</b>						
<b>C-125688-02-A1</b>	<b>Neutron Diffraction Studies of PLP Dependent Enzymes</b>	<b>No</b>	<b>\$31,747</b>	<b>\$8,253</b>	<b>\$40,000</b>	<b>\$40,000</b>
12/18/17 to 8/31/18 <i>U.S. Department of Energy through Battelle</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Mueser, Timothy	Chemistry and Biochemistry, Department of	100			
<b>C-125732-02</b>	<b>Counter Regulatory Mechanisms of Cardiotonic Steroids in Cardio-Renal Syndrome</b>	<b>No</b>	<b>\$250,000</b>	<b>\$128,750</b>	<b>\$378,750</b>	<b>\$37,875</b>
4/1/18 to 3/31/19 <i>National Heart, Lung &amp; Blood Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kennedy, David Joseph	Medicine, Department of	90			
Co-I	Haller, Steven T.	Medicine, Department of				
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5			
Co-I	Tian, Jiang	Medicine, Department of				
Co-I	Zhu, Jianglong	Chemistry and Biochemistry, Department of	5			
<b>C-126018-02</b>	<b>Development of novel approaches for stereoelective construction of glycosidic linkages</b>	<b>No</b>	<b>\$214,407</b>	<b>\$101,843</b>	<b>\$316,250</b>	<b>\$316,250</b>
6/1/18 to 5/31/19 <i>National Institute of General Medical Sciences through University of California - Santa Barbara</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Zhu, Jianglong	Chemistry and Biochemistry, Department of	100			
<b>N-125616-01-A1</b>	<b>Novel Ferroptotic Compounds to Target Mesenchymal Breast Cancer and Cancer Stem Cells</b>	<b>No</b>	<b>\$300,000</b>	<b>\$149,000</b>	<b>\$449,000</b>	<b>\$44,900</b>
1/1/18 to 12/31/20 <i>National Institutes of Health through National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tillekeratne, Liyanaarachige	Medicinal and Biological Chemistry, Department of	50			
Co-PI	Isailovic, Dragan	Chemistry and Biochemistry, Department of	10			
Co-PI	Taylor, William R.	Biological Sciences, Department of	40			
<b>N-125971-01</b>	<b>Rapid and Economic Synthesis of Next Generation Herbicides via Carbon Dioxide-Directed C-H Bond Functionalization</b>	<b>No</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$50,000</b>
7/1/17 to 6/30/18 <i>Herman Frasch Fd</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Young, Michael Christopher	Chemistry and Biochemistry, Department of	100			
<b>N-126018-01</b>	<b>Development of novel approaches for stereoelective construction of glycosidic linkages</b>	<b>No</b>	<b>\$228,984</b>	<b>\$96,892</b>	<b>\$325,876</b>	<b>\$325,876</b>
8/1/17 to 5/31/18 <i>National Institute of General Medical Sciences through University of California - Santa Barbara</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Zhu, Jianglong	Chemistry and Biochemistry, Department of	100			

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<b>Chemistry and Biochemistry, Department of</b>						
<b>N-126065-01</b>	<b>Novel Methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates</b>	<b>No</b>	<b>\$236,955</b>	<b>\$87,559</b>	<b>\$324,514</b>	<b>\$324,514</b>
<i>8/1/17 to 6/30/18 National Institutes of Health through Wayne State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Andreana, Peter R.	Chemistry and Biochemistry, Department of			100	
<b>N-126137-01-A1</b>	<b>Synthesis of natural product scaffold selectively active against dormant Mycobacterium tuberculosis</b>	<b>No</b>	<b>\$179,400</b>	<b>\$56,925</b>	<b>\$236,325</b>	<b>\$236,325</b>
<i>6/13/18 to 5/31/19 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Suheck, Steven Joseph	Chemistry and Biochemistry, Department of			100	
<b>N-126476-01</b>	<b>Testing and Optimization of Microcystin Detoxing Water Biofilters</b>	<b>No</b>	<b>\$156,405</b>	<b>\$0</b>	<b>\$156,405</b>	<b>\$15,641</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			90	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			10	
<b>N-126480-01</b>	<b>High-Throughput Analysis of Human Toxicity and Therapeutic of Cyanotoxins Across Organ Systems in Health and Disease</b>	<b>No</b>	<b>\$148,404</b>	<b>\$0</b>	<b>\$148,404</b>	<b>\$7,420</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of			85	
Co-I	Blomquist, Thomas M.	Pathology, Department of			5	
Co-I	Haller, Steven T.	Medicine, Department of			5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5	
<b>N-126481-01</b>	<b>Novel Therapies for Microcystin Induced Hepatotoxicity In Pre-Existing Liver Disease</b>	<b>No</b>	<b>\$147,708</b>	<b>\$0</b>	<b>\$147,708</b>	<b>\$7,385</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Kennedy, David Joseph	Medicine, Department of			85	
Co-I	Blomquist, Thomas M.	Pathology, Department of			5	
Co-I	Haller, Steven T.	Medicine, Department of			5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5	

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<b>Chemistry and Biochemistry, Department of</b>						
<b>N-126482-01</b>	<b>Effects of Inflammatory Bowel Disease on Susceptibility To Microcystin-LR</b>	<b>No</b>	<b>\$149,715</b>	<b>\$0</b>	<b>\$149,715</b>	<b>\$7,486</b>
<i>4/4/18 to 6/30/19 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Haller, Steven T.	Medicine, Department of			85	
Co-I	Blomquist, Thomas M.	Pathology, Department of			5	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5	
Co-I	Kennedy, David Joseph	Medicine, Department of			5	
<b>R-122077-08</b>	<b>Project Seed at UT 2016</b>	<b>No</b>	<b>\$6,750</b>	<b>\$0</b>	<b>\$6,750</b>	<b>\$6,750</b>
<i>6/3/17 to 9/15/17 American Chemical Society</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Karunarathne, Welivitiya K.	Chemistry and Biochemistry, Department of			100	
<b>R-122077-09</b>	<b>Project Seed at UT 2016</b>	<b>No</b>	<b>\$13,000</b>	<b>\$0</b>	<b>\$13,000</b>	<b>\$13,000</b>
<i>6/3/18 to 9/15/18 American Chemical Society</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Karunarathne, Welivitiya K.	Chemistry and Biochemistry, Department of			100	
Sum of Department (Chemistry and Biochemistry, Departm						Award Count: 12.45
						<b>\$1,775,422</b>
<b>Environmental Sciences, Department of</b>						
<b>C-109000-15</b>	<b>Biomonitoring of Nutritional and Environmental Stress in Plants</b>	<b>No</b>	<b>\$52,599</b>	<b>\$5,260</b>	<b>\$57,859</b>	<b>\$57,859</b>
<i>8/1/17 to 7/31/18 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Heckathorn, Scott Alan	Environmental Sciences, Department of			100	
<b>C-124285-04</b>	<b>Determining the Contribution of Maumee River Fisheries Production to Western Lake Erie Stocks</b>	<b>No</b>	<b>\$48,511</b>	<b>\$8,489</b>	<b>\$57,000</b>	<b>\$28,500</b>
<i>9/1/17 to 12/31/18 U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of			50	
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center			50	
<b>C-125456-02</b>	<b>Hyperspectral Imager Atmospheric Correction</b>	<b>No</b>	<b>\$11,843</b>	<b>\$3,157</b>	<b>\$15,000</b>	<b>\$15,000</b>
<i>7/1/17 to 9/30/18 NASA John H. Glenn Research Center at Lewis Field</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Becker, Richard	Environmental Sciences, Department of			100	

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<b>Environmental Sciences, Department of</b>						
<b>C-125976-02</b>	<b>TSA: Clean Water Technical Assistance Unit, Minnesota Department of Agriculture</b>	<b>Yes</b>	<b>\$16,885</b>	<b>\$0</b>	<b>\$16,885</b>	<b>\$16,885</b>
<i>11/1/17 to 11/30/18 Minnesota Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			100	
<b>C-126220-02</b>	<b>Linking Fish to Lower Trophic Level Variability in Lake Huron (CSMI 2017)</b>	<b>No</b>	<b>\$44,341</b>	<b>\$7,760</b>	<b>\$52,101</b>	<b>\$52,101</b>
<i>3/31/18 to 3/30/19 U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of			100	
<b>N-125976-01</b>	<b>TSA: Clean Water Technical Assistance Unit, Minnesota Department of Agriculture</b>	<b>Yes</b>	<b>\$16,885</b>	<b>\$0</b>	<b>\$16,885</b>	<b>\$16,885</b>
<i>10/15/16 to 10/15/17 Minnesota Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			100	
<b>N-126087-01</b>	<b>Enhancement of Turtle Recruitment in the Kalamazoo River</b>	<b>No</b>	<b>\$254,532</b>	<b>\$44,543</b>	<b>\$299,075</b>	<b>\$299,075</b>
<i>9/22/17 to 9/21/22 U.S. Fish and Wildlife Service</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Refsnider-Streby, Jeanine	Environmental Sciences, Department of			100	
<b>N-126233-01</b>	<b>Distribution, Density, and Demography of Spotted Turtles, Eastern box Turtles, and Red-Headed Woodpeckers in Oak Openings of Ohio and Michigan</b>	<b>No</b>	<b>\$211,160</b>	<b>\$23,462</b>	<b>\$234,622</b>	<b>\$234,622</b>
<i>1/1/18 to 6/30/19 Ohio Department of Natural Resources</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Streby, Henry M.	Environmental Sciences, Department of			100	
<b>N-126252-01</b>	<b>Establishing Ecological Criteria and Thresholds for Monitoring Hydrologic Impacts on Old Woman Creek Wetland Funds</b>	<b>No</b>	<b>\$47,259</b>	<b>\$2,741</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>8/15/17 to 6/30/18 National Oceanic and Atmospheric Administration through Ohio Department of Natural Resources</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Qian, Song S.	Environmental Sciences, Department of			34	
Co-I	Becker, Richard	Environmental Sciences, Department of			33	
Co-I	Gottgens, Johan F.	Environmental Sciences, Department of			33	
<b>N-126268-01</b>	<b>Trace Element Uptake in Grass Carp Otoliths</b>	<b>No</b>	<b>\$69,500</b>	<b>\$0</b>	<b>\$69,500</b>	<b>\$69,500</b>
<i>2/1/18 to 1/31/19 Ohio State University through National Oceanic and Atmospheric Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of			100	

## Natural Sciences & Mathematics, College of

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<b>Environmental Sciences, Department of</b>						
<b>N-126268-01-S1</b>	<b>Trace Element Uptake in Grass Carp Otoliths</b>	No	\$8,000	\$0	\$8,000	\$8,000
2/1/18 to 1/31/19 <i>Ohio State University through National Oceanic and Atmospheric Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of	100			
<b>N-126333-01</b>	<b>Quantifying Nutrient Retention By Coastal Wetlands for Guiding Restoration and Management</b>	No	\$106,930	\$6,202	\$113,132	\$113,132
11/1/17 to 9/30/19 <i>National Estuarine Research Reserve System</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Qian, Song S.	Environmental Sciences, Department of	100			
<b>N-126353-01</b>	<b>Modeling the Response of Fish and Benthic Invertebrate Responses to Changes in Stream Flow and Land Use in the Cape Fear And Yadkin/Pee Dee River Basins</b>	No	\$21,277	\$3,723	\$25,000	\$25,000
7/1/17 to 6/30/19 <i>U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Qian, Song S.	Environmental Sciences, Department of	100			
<b>N-126439-01</b>	<b>Vegetation Surveying in Support of Grass Carp Spawning Potential in the Sandusky River Basin</b>	No	\$68,084	\$11,915	\$79,999	\$79,999
9/15/17 to 9/14/18 <i>U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Qian, Song S.	Environmental Sciences, Department of	50			
PI/PD	Qian, Song S.	Lake Erie Soil and Water Research and Education Center	0			
Co-I	Mayer, Christine Marie	Environmental Sciences, Department of	50			
Co-I	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center	0			
<b>N-126471-01</b>	<b>HAB-associated Health Effects and Airborne Microcystin Levels Among Recreational Lake Users</b>	No	\$133,737	\$0	\$133,737	\$20,061
4/4/18 to 6/30/19 <i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ames, April L.	School of Population Health	30			
Co-I	Czajkowski, Kevin Paul	Geography and Planning, Department of	15			
Co-I	Dwyer, Daryl	Environmental Sciences, Department of	15			
Co-I	Saltzman, Barbara	School of Population Health	20			
Co-I	Valigosky, Michael	School of Population Health	20			
<b>N-126490-01</b>	<b>Lake Erie Open Water Impairment and HAB Scum Criteria</b>	No	\$97,125	\$0	\$97,125	
4/4/18 to 6/30/19 <i>Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	100			
Stdnt Schol	Arend, Lucas James	Environmental Sciences, Department of				



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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Environmental Sciences, Department of</b>						
<b>N-126508-01</b>	<b>Lake Erie Impairment Criteria 2017</b>	<b>No</b>	<b>\$8,490</b>	<b>\$2,760</b>	<b>\$11,250</b>	<b>\$5,625</b>
<i>5/1/17 to 11/30/17 Ohio Environmental Protection Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of	50			
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	50			
<b>N-126602-01</b>	<b>Nature Conservancy Bird Surveys</b>	<b>No</b>	<b>\$14,283</b>	<b>\$6,784</b>	<b>\$21,067</b>	<b>\$21,067</b>
<i>8/10/17 to 6/30/18 Nature Conservancy through U.S. Fish and Wildlife Service</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Streby, Henry M.	Environmental Sciences, Department of	100			
<b>N-126617-01</b>	<b>Can health of aquatic wildlife indicate the quality of water resources?</b>	<b>No</b>	<b>\$21,636</b>	<b>\$0</b>	<b>\$21,636</b>	<b>\$21,636</b>
<i>6/18/18 to 6/17/19 U.S. Geological Survey through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Refsnider-Streby, Jeanine	Environmental Sciences, Department of	100			
<b>N-126674-01</b>	<b>Analyses of soil dissolved organic carbon, nitrogen, and phosphorus</b>	<b>No</b>	<b>\$9,222</b>	<b>\$2,997</b>	<b>\$12,219</b>	<b>\$12,219</b>
<i>11/1/17 to 10/31/18 University of Wyoming</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of	100			
<b>N-126823-01</b>	<b>Plant perception of insect herbivores includes leaf vibrations caused by chewing.</b>	<b>No</b>	<b>\$80,563</b>	<b>\$36,661</b>	<b>\$117,224</b>	<b>\$117,224</b>
<i>9/1/17 to 4/30/19 National Science Foundation through University of Missouri-Columbia</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Appel, Heidi M.	Environmental Sciences, Department of	100			
<b>N-126931-01</b>	<b>Distribution, Density, and Demography of Spotted Turtles, Eastern box Turtles, and Red-Headed Woodpeckers in Oak Openings of Ohio and Michigan</b>	<b>No</b>	<b>\$173,618</b>	<b>\$17,362</b>	<b>\$190,980</b>	<b>\$190,980</b>
<i>1/1/18 to 9/30/20 Michigan Department of Natural Resources</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Streby, Henry M.	Environmental Sciences, Department of	50			
Co-I	Refsnider-Streby, Jeanine	Environmental Sciences, Department of	50			
<b>N-126981-01</b>	<b>Testing Agreement for Iowa State</b>	<b>No</b>	<b>\$2,448</b>	<b>\$796</b>	<b>\$3,244</b>	<b>\$3,244</b>
<i>4/1/18 to 3/31/19 Iowa State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of	100			

## Natural Sciences & Mathematics, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Environmental Sciences, Department of</b>						
<b>N-126995-01</b>	<b>Ichthyoplankton Community Ecology and Distribution in Lake St. Claire</b>	<b>No</b>	<b>\$234,043</b>	<b>\$40,957</b>	<b>\$275,000</b>	<b>\$137,500</b>
<i>4/16/18 to 4/15/19 U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	DeBruyne, Robin	Environmental Sciences, Department of	25			
PI/PD	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center	25			
Co-PI	Mayer, Christine Marie	Environmental Sciences, Department of	25			
Co-PI	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center	25			
<b>N-127132-01</b>	<b>Calcium Imaging of Plant Tissue</b>	<b>No</b>	<b>\$500</b>	<b>\$0</b>	<b>\$500</b>	<b>\$500</b>
<i>6/1/18 to 5/31/19 Sigma Xi - The Scientific Research Society</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Appel, Heidi M.	Environmental Sciences, Department of	100			
<b>R-123361-07</b>	<b>Lake Erie Bathing Beach Monitoring</b>	<b>No</b>	<b>\$9,099</b>	<b>\$2,366</b>	<b>\$11,465</b>	<b>\$11,465</b>
<i>5/22/18 to 9/30/18 U.S. Environmental Protection Agency through Ohio Department of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of	100			
<b>R-123614-06</b>	<b>Research Support Agreement-Acquisition of Goods and Services</b>	<b>No</b>	<b>\$10,000</b>	<b>\$1,000</b>	<b>\$11,000</b>	<b>\$11,000</b>
<i>8/15/17 to 8/14/18 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Fisher, Timothy G.	Environmental Sciences, Department of	100			
<b>R-123614-06-A1</b>	<b>Research Support Agreement-Acquisition of Goods and Services</b>	<b>No</b>	<b>\$4,000</b>	<b>\$400</b>	<b>\$4,400</b>	<b>\$4,400</b>
<i>8/15/17 to 8/14/18 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Fisher, Timothy G.	Environmental Sciences, Department of	100			
<b>T-126517-01</b>	<b>Molecular basis of plant parasitism by a galling insect</b>	<b>No</b>	<b>\$236,833</b>	<b>\$117,232</b>	<b>\$354,065</b>	<b>\$354,065</b>
<i>8/15/17 to 7/31/19 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schultz, John C.	Environmental Sciences, Department of	50			
Co-PI	Appel, Heidi M.	Environmental Sciences, Department of	50			
Stdnt Schol	Steider, Pamela Ruth	Biological Sciences, Department of				
Sum of Department (Environmental Sciences, Department			Award Count: 25.65		\$1,977,543	
<b>Instrumentation Center</b>						
<b>N-126759-01</b>	<b>Oceanside Bioscience Project</b>	<b>No</b>	<b>\$2,243</b>	<b>\$0</b>	<b>\$2,243</b>	<b>\$2,243</b>
<i>12/1/17 to 11/30/18 Oceanside Bioscience</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kirschbaum, Kristin	Instrumentation Center	100			
Sum of Department (Instrumentation Center)			Award Count: 1.00		\$2,243	

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Lake Erie Soil and Water Research and Education Center</b>						
<b>C-124285-04</b>	<b>Determining the Contribution of Maumee River Fisheries Production to Western Lake Erie Stocks</b>	No	\$48,511	\$8,489	\$57,000	\$28,500
9/1/17 to 12/31/18	U.S. Geological Survey					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of		50		
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center		50		
<b>C-126068-02-S1</b>	<b>Linking process models and field experiments to forecast algal bloom toxicity in Lake Erie--ECOHAB 2017</b>	No	\$20,242	\$9,614	\$29,856	\$29,856
9/1/17 to 8/31/20	National Oceanic and Atmospheric Administration through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		100		
<b>N-126068-01</b>	<b>Linking process models and field experiments to forecast algal bloom toxicity in Lake Erie</b>	No	\$13,219	\$6,280	\$19,499	\$19,499
9/1/17 to 8/31/18	National Oceanic and Atmospheric Administration through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		100		
<b>N-126439-01</b>	<b>Vegetation Surveying in Support of Grass Carp Spawning Potential in the Sandusky River Basin</b>	No	\$68,084	\$11,915	\$79,999	\$0
9/15/17 to 9/14/18	U.S. Geological Survey					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Qian, Song S.	Environmental Sciences, Department of		50		
PI/PD	Qian, Song S.	Lake Erie Soil and Water Research and Education Center		0		
Co-I	Mayer, Christine Marie	Environmental Sciences, Department of		50		
Co-I	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center		0		
<b>N-126490-01</b>	<b>Lake Erie Open Water Impairment and HAB Scum Criteria</b>	No	\$97,125	\$0	\$97,125	\$97,125
4/4/18 to 6/30/19	Ohio Department of Higher Education through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		100		
Stdnt Schol	Arend, Lucas James	Environmental Sciences, Department of				
<b>N-126508-01</b>	<b>Lake Erie Impairment Criteria 2017</b>	No	\$8,490	\$2,760	\$11,250	\$5,625
5/1/17 to 11/30/17	Ohio Environmental Protection Agency					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of		50		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		50		
<b>N-126619-01</b>	<b>Rapid Response-Maumee River-Davis</b>	No	\$1,500	\$0	\$1,500	\$1,500
10/5/17 to 10/4/18	Woods Hole Oceanographic Institution					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		100		

## Natural Sciences & Mathematics, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Lake Erie Soil and Water Research and Education Center</b>						
<b>N-126995-01</b>	<b>Ichthyoplankton Community Ecology and Distribution in Lake St. Claire</b>	<b>No</b>	<b>\$234,043</b>	<b>\$40,957</b>	<b>\$275,000</b>	<b>\$137,500</b>
<i>4/16/18 to 4/15/19</i>	<i>U.S. Geological Survey</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	DeBruyne, Robin	Environmental Sciences, Department of			25	
PI/PD	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center			25	
Co-PI	Mayer, Christine Marie	Environmental Sciences, Department of			25	
Co-PI	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center			25	
Sum of Department ( <b>Lake Erie Soil and Water Research and</b>			Award Count: <b>5.50</b>		<b>\$319,605</b>	
<b>Mathematics, Department of</b>						
<b>N-125961-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$133,000</b>	<b>\$0</b>	<b>\$133,000</b>	<b>\$133,000</b>
<i>7/1/17 to 6/30/18</i>	<i>Ohio Department of Higher Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Ashburner, Brian P.	Biological Sciences, Department of				
Co-PI	Martin, Geoffrey K.	Mathematics, Department of			100	
<b>N-126135-01</b>	<b>Bifurcation Theory and Applications in Mathematical Epidemiology</b>	<b>No</b>	<b>\$7,000</b>	<b>\$1,400</b>	<b>\$8,400</b>	<b>\$8,400</b>
<i>9/1/17 to 8/31/18</i>	<i>Simons Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Shan, Chunhua	Mathematics, Department of			100	
<b>N-126323-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$58,125</b>	<b>\$0</b>	<b>\$58,125</b>	<b>\$58,125</b>
<i>7/1/17 to 6/30/21</i>	<i>Ohio Department of Higher Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Martin, Geoffrey K.	Mathematics, Department of			100	
<b>N-126325-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$15,210</b>	<b>\$0</b>	<b>\$15,210</b>	<b>\$15,210</b>
<i>7/1/17 to 6/30/21</i>	<i>Ohio Department of Higher Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Chen, Zhiwei	Mathematics, Department of			100	
<b>N-126572-01</b>	<b>RUI: Algebraic, Differential-Geometric, and Computational Aspects of Darboux Transformations in Classical and Super Settings</b>	<b>No</b>	<b>\$16,722</b>	<b>\$8,278</b>	<b>\$25,000</b>	<b>\$25,000</b>
<i>7/1/17 to 6/30/18</i>	<i>National Science Foundation through State University of New York at New Paltz</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Shemyakova, Ekaterina	Mathematics, Department of			100	
Sum of Department ( <b>Mathematics, Department of</b> )			Award Count: <b>5.00</b>		<b>\$239,735</b>	
<b>Physics and Astronomy, Department of</b>						

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<b>Physics and Astronomy, Department of</b>						
<b>C-122296-04</b>	<b>Ultra-high Efficiency and Lightweight Thin-Film Photovoltaic Electricity for Portable, On-Demand Power for Defense Applications</b>	No	\$3,072,101	\$1,397,806	\$4,469,907	\$4,469,907
10/1/17 to 7/14/19	Air Force Research Laboratory					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of	25			
Co-I	Collins, Robert W.	Physics and Astronomy, Department of	13			
Co-I	Heben, Michael J.	Physics and Astronomy, Department of	25			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	11			
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	13			
Co-I	Yan, Yanfa	Physics and Astronomy, Department of	13			
<b>C-122296-04-S1</b>	<b>Ultra-high Efficiency and Lightweight Thin-Film Photovoltaic Electricity for Portable, On-Demand Power for Defense Applications</b>	No	\$(1,786,806)	\$(813,034)	\$(2,599,840)	\$(2,599,840)
10/1/17 to 7/14/19	Air Force Research Laboratory					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of	25			
Co-I	Collins, Robert W.	Physics and Astronomy, Department of	13			
Co-I	Heben, Michael J.	Physics and Astronomy, Department of	25			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	11			
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	13			
Co-I	Yan, Yanfa	Physics and Astronomy, Department of	13			
<b>C-123680-05</b>	<b>Quantum Theories of Fundamental Atomic and Molecular Interactions and their applications</b>	No	\$47,457	\$22,542	\$69,999	\$69,999
9/1/17 to 8/31/18	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gao, Bo	Physics and Astronomy, Department of	100			
<b>C-124468-04</b>	<b>High-Performance Perovskite-Based Solar Cells</b>	No	\$70,308	\$33,396	\$103,704	\$103,704
9/1/17 to 10/31/18	U.S. Department of Energy through Duke University					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
<b>C-125046-03</b>	<b>Optical Evaluation of Photovoltaic Module Materials for Thermal Management</b>	No	\$45,712	\$21,725	\$67,437	\$67,437
11/13/17 to 11/12/18	U.S. Department of Energy through Alliance for Sustainable Energy LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	100			

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<b>Physics and Astronomy, Department of</b>						
<b>C-125180-03</b>	<b>Fundamental Theory and Numerical Modeling of Filamentary RRAM Device Operation and Reliability</b>	<b>No</b>	<b>\$61,279</b>	<b>\$29,108</b>	<b>\$90,387</b>	<b>\$90,387</b>
<i>1/1/18 to 12/31/18 Semiconductor Research Corporation through Semiconductor Research Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Karpov, Victor G.	Physics and Astronomy, Department of	100			
<b>C-125434-02</b>	<b>High Temperature Magnetic Materials</b>	<b>No</b>	<b>\$64,393</b>	<b>\$12,878</b>	<b>\$77,271</b>	<b>\$51,772</b>
<i>2/1/17 to 1/31/18 Ohio Federal Research Network through Case Western Reserve University/Case Medical Center</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	34			
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Science, Department of	33			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	33			
<b>C-125493-02</b>	<b>Crosscutting Recombination Metrology for Expediting VOC Engineering</b>	<b>No</b>	<b>\$67,796</b>	<b>\$32,203</b>	<b>\$99,999</b>	<b>\$99,999</b>
<i>8/1/17 to 7/31/18 U.S. Department of Energy through Texas State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
<b>C-126028-02</b>	<b>In Situ Investigations and Strategies for Addressing Extrinsic and Intrinsic Degradation Mechanisms in Perovskite Solar Cell Materials and Devices</b>	<b>No</b>	<b>\$101,695</b>	<b>\$48,305</b>	<b>\$150,000</b>	<b>\$150,000</b>
<i>3/1/18 to 2/28/19 Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	100			
<b>C-126557-01-S1</b>	<b>Legacy HETG Spectrum of a Massive Star: Zeta Pup</b>	<b>No</b>	<b>\$8,529</b>	<b>\$4,221</b>	<b>\$12,750</b>	<b>\$12,750</b>
<i>1/29/18 to 7/1/19 NASA John H. Glenn Research Center at Lewis Field through Smithsonian Astrophysical Observatory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Richardson, Noel Douglas	Physics and Astronomy, Department of	100			
<b>N-125969-01</b>	<b>Role of Small Angle Grain Boundaries in CdTe Solar Cell Performance</b>	<b>No</b>	<b>\$239,015</b>	<b>\$113,532</b>	<b>\$352,547</b>	<b>\$352,547</b>
<i>8/1/17 to 7/31/20 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	40			
Co-PI	Collins, Robert W.	Physics and Astronomy, Department of	30			
Co-PI	Yan, Yanfa	Physics and Astronomy, Department of	30			

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Physics and Astronomy, Department of</b>						
<b>N-126253-01</b>	<b>A Viable Non-contact Optical Method of Measuring CdTe Thickness In-situ on Cds/CdTe Coated Glass Plates on Production Line</b>	<b>No</b>	<b>\$4,066</b>	<b>\$1,931</b>	<b>\$5,997</b>	<b>\$5,997</b>
<i>5/1/17 to 7/31/17 Calyxo</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Koirala, Prakash	Physics and Astronomy, Department of	100			
Co-I	Collins, Robert W.	Physics and Astronomy, Department of				
Co-I	Ramanujam, Balaji	Physics and Astronomy, Department of				
<b>N-126327-01</b>	<b>Choose Ohio First</b>	<b>No</b>	<b>\$60,388</b>	<b>\$0</b>	<b>\$60,388</b>	<b>\$60,388</b>
<i>7/1/17 to 6/30/21 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khare, Sanjay V.	Physics and Astronomy, Department of	100			
<b>N-126335-01</b>	<b>Infrared Abundances and the Chemical Enrichment of the Universe</b>	<b>No</b>	<b>\$73,759</b>	<b>\$34,960</b>	<b>\$108,719</b>	<b>\$108,719</b>
<i>4/5/18 to 4/4/19 National Aeronautics and Space Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	100			
<b>N-126497-01</b>	<b>Constructing a Phase Diagram for the Interstellar Medium through the Analysis of O I Fine-Structure Excitations</b>	<b>No</b>	<b>\$11,616</b>	<b>\$5,750</b>	<b>\$17,366</b>	<b>\$17,366</b>
<i>11/1/17 to 10/31/20 Space Telescope Science Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Federman, Steven R.	Physics and Astronomy, Department of	100			
<b>N-126499-01</b>	<b>The 6 pc DASH: A WFC3 1.6 micron Survey of the Orion Integral Shaped Filament</b>	<b>No</b>	<b>\$19,979</b>	<b>\$7,890</b>	<b>\$27,869</b>	<b>\$27,869</b>
<i>1/1/18 to 12/31/18 Space Telescope Science Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of	100			
<b>N-126507-01</b>	<b>The Cluster Population of UGC 2885</b>	<b>No</b>	<b>\$12,336</b>	<b>\$6,107</b>	<b>\$18,443</b>	<b>\$18,443</b>
<i>1/1/18 to 12/31/18 Space Telescope Science Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of	100			
<b>N-126557-01</b>	<b>Legacy HETG Spectrum of a Massive Star: Zeta Pup</b>	<b>No</b>	<b>\$2,843</b>	<b>\$1,407</b>	<b>\$4,250</b>	<b>\$4,250</b>
<i>1/29/18 to 1/28/19 NASA John H. Glenn Research Center at Lewis Field through Smithsonian Astrophysical Observatory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Richardson, Noel Douglas	Physics and Astronomy, Department of	100			

## Natural Sciences & Mathematics, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Physics and Astronomy, Department of</b>						
<b>N-126690-01</b>	<b>Monolithically Integrated Thin-Film/Silicon Tandem Photoelectrodes for High Efficiency and Stable Photoelectrochemical Water Splitting</b>	No	\$28,474	\$13,525	\$41,999	\$41,999
<i>9/1/17 to 8/31/18</i> <i>U.S. Department of Energy through University of Michigan</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
<b>N-126755-01</b>	<b>The Nature of the Current Outburst of the Be Star HD 6226</b>	No	\$18,109	\$8,964	\$27,073	\$27,073
<i>3/1/18 to 2/28/19</i> <i>Space Telescope Science Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Richardson, Noel Douglas	Physics and Astronomy, Department of	100			
<b>N-126756-01</b>	<b>Modeling the dust formation and detecting PAHs around carbon-rich WR binaries</b>	No	\$7,000	\$0	\$7,000	\$7,000
<i>2/1/18 to 1/31/20</i> <i>Stratospheric Observatory For Infrared Astronomy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Richardson, Noel Douglas	Physics and Astronomy, Department of	100			
<b>N-126760-01</b>	<b>Bow-shocks and Jets in the Far-IR: Velocity Resolved</b>	No	\$4,682	\$2,318	\$7,000	\$7,000
<i>12/1/17 to 11/30/19</i> <i>Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of	100			
<b>N-126773-01</b>	<b>Planet Occurrence around Mid-M Dwarfs in the Kepler Field</b>	No	\$9,096	\$4,503	\$13,599	\$13,599
<i>7/18/17 to 7/4/19</i> <i>Jet Propulsion Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of	100			
<b>N-127031-01</b>	<b>Spextool upgrade for SpeX</b>	No	\$9,246	\$4,576	\$13,822	\$13,822
<i>6/1/18 to 6/30/18</i> <i>National Science Foundation through University of Hawaii</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of	100			
<b>T-126791-01</b>	<b>Exploring Far-IR Abundance Diagnostics in Nearby Galaxies</b>	No	\$14,286	\$3,714	\$18,000	\$18,000
<i>1/1/18 to 12/31/18</i> <i>Universities Space Research Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	100			
Sum of Department ( <b>Physics and Astronomy, Department of</b> )			Award Count: <b>24.67</b>		<b>\$3,240,187</b>	
Sum of College ( <b>Natural Sciences &amp; Mathematics, College</b> )			Award Count: <b>84.84</b>		<b>\$10,192,315</b>	



## Nursing, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Nursing, College of</b>						
<b>C-124079-05</b>	<b>RELIEF: A Global Registry to Evaluate Long-Term Effectiveness of Neurostimulation Therapy for Pain</b>	No	\$20,918	\$6,275	\$27,194	\$2,719
<i>7/1/17 to 6/30/18 Boston Scientific Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of		90		
Co-I	Dugan, Amy L.	Nursing, College of		10		
<b>N-126380-01</b>	<b>Nursing Education Grant Program (NEGP)</b>	No	\$132,013	\$67,987	\$200,000	\$200,000
<i>9/1/17 to 8/31/18 Ohio Board of Nursing</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Phillips, Kelly A.	Nursing, College of		100		
Co-I	Mitchell, Kathleen M.	Nursing, College of		0		
<b>N-126527-01</b>	<b>Gold-AACN White Coat Ceremony for Nursing</b>	No	\$1,000	\$0	\$1,000	\$1,000
<i>8/1/17 to 1/31/18 Arnold P. Gold Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Phillips, Kelly A.	Nursing, College of		100		
<b>N-126723-01</b>	<b>Choose Ohio First - Nursing</b>	No	\$60,000	\$0	\$60,000	\$60,000
<i>7/1/17 to 6/30/18 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of		100		
<b>N-126782-01</b>	<b>Feasibility of the CARREs Modules: Educating Family Caregivers of Persons with Cognitive Deficits about Potentially Avoidable Hospitalizations</b>	No	\$2,000	\$0	\$2,000	\$1,200
<i>4/1/18 to 3/31/19 Ohio Nurses Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pierce, Linda	Nursing, College of		40		
Co-PI	Steiner, Victoria	School of Population Health		40		
Co-I	Bryan, Carol S.	Nursing, College of		20		
Co-I	Chen, Huey-Shys	Nursing, College of		0		
<b>N-126813-01</b>	<b>MED SAFE:A Program to Promote Prescription Drug Misuse Prevention Education for Youth</b>	No	\$29,628	\$4,369	\$33,997	\$22,098
<i>3/1/18 to 2/28/19 Cardinal Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wood, Marilynne Rita	Nursing, College of		30		
Co-I	Lewandowski, Linda A.	Nursing, College of		10		
Co-I	Ohns, Mary Jean	Nursing, College of		25		
Co-I	Taylor, Colleen Y.	OP-Clinic-Surgery		25		
Co-I	Thompson, Amy J.	School of Population Health		10		
Sum of Department (Nursing, College of) Award Count: 4.35						<b>\$287,017</b>

**Pharmacy & Pharmaceutical Sciences, College of**

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Center for Drug Design and Development</b>						
<b>C-125692-02</b>	<b>Developing PPAR Ligands</b>	No	\$15,000	\$0	\$15,000	\$15,000
10/1/17 to 12/31/18	NWO Stem Cure, LLC					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Erhardt, Paul W.		Center for Drug Design and Development		100	
Sum of Department (Center for Drug Design and Developm						Award Count: 1.00
						\$15,000
<b>Medicinal and Biological Chemistry, Department of</b>						
<b>N-125616-01-A1</b>	<b>Novel Ferroptotic Compounds to Target Mesenchymal Breast Cancer and Cancer Stem Cells</b>	No	\$300,000	\$149,000	\$449,000	\$224,500
1/1/18 to 12/31/20	National Institutes of Health through National Cancer Institute					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Tillekeratne, Liyanaaratchige		Medicinal and Biological Chemistry, Department of		50	
Co-PI	Isailovic, Dragan		Chemistry and Biochemistry, Department of		10	
Co-PI	Taylor, William R.		Biological Sciences, Department of		40	
<b>N-125945-01</b>	<b>Choose Ohio First for Excellence in the Pharmaceutical Sciences (COFEPS)</b>	No	\$33,800	\$0	\$33,800	\$33,800
7/1/17 to 6/30/18	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Slama, James T.		Medicinal and Biological Chemistry, Department of		100	
<b>N-126111-01</b>	<b>Development of Attenuated Furoxans as Novel Therapies for Alzheimer's Disease</b>	No	\$250,000	\$133,750	\$383,750	\$383,750
4/15/18 to 1/31/19	National Institute on Aging					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Schiefer, Isaac T.		Medicinal and Biological Chemistry, Department of		75	
Co-I	Shah, Zahoor		Medicinal and Biological Chemistry, Department of		25	
<b>N-126158-01</b>	<b>Dissecting the role of cofilin in hemorrhagic stroke</b>	No	\$140,000	\$14,000	\$154,000	\$154,000
7/1/17 to 6/30/18	American Heart Association - National					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Shah, Zahoor		Medicinal and Biological Chemistry, Department of		100	
<b>N-126331-01</b>	<b>Signal shaping via multiple allosteric sites on oligomeric muscarinic receptors</b>	No	\$90,096	\$46,399	\$136,495	\$54,598
9/30/17 to 8/31/19	National Institutes of Health through Pennsylvania State University					
<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
PI/PD	Messer, William S.		Pharmacology, Department of		60	
Co-I	Schiefer, Isaac T.		Medicinal and Biological Chemistry, Department of		40	

## Pharmacy & Pharmaceutical Sciences, College of

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			<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>	
<b>Medicinal and Biological Chemistry, Department of</b>								
<b>N-126361-01</b>	<b>In Vivo Photoaffinity Labeling Using Casper Zebrafish for Target Identification</b>		<b>No</b>	<b>\$50,000</b>	<b>\$26,750</b>	<b>\$76,750</b>	<b>\$49,887</b>	
<i>4/1/18 to 3/31/19</i>	<i>National Institute on Drug Abuse</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Schiefer, Isaac T.	Medicinal and Biological Chemistry, Department of			65			
Co-I	Hall, Frank	Pharmacology, Department of			10			
Co-I	Williams, Frederick E.	Pharmacology, Department of			25			
Sum of Department ( <b>Medicinal and Biological Chemistry, D</b> )							<b>Award Count: 4.55</b>	<b>\$900,535</b>
<b>Pharmacology, Department of</b>								
<b>C-124653-02</b>	<b>The Role of Myocyte Primary Cilia in Cardiac Disease</b>		<b>No</b>	<b>\$70,000</b>	<b>\$7,000</b>	<b>\$77,000</b>	<b>\$77,000</b>	
<i>7/1/17 to 6/30/18</i>	<i>American Heart Association - Great Rivers Affiliate</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Aboualaiwi, Wissam Ali	Pharmacology, Department of			100			
<b>N-126073-01-A1</b>	<b>CO2 Inhalation enhances the lability of fear memory</b>		<b>No</b>	<b>\$250,000</b>	<b>\$99,000</b>	<b>\$349,000</b>		
<i>4/1/18 to 12/31/18</i>	<i>National Institutes of Health</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Du, Jianyang	Biological Sciences, Department of			100			
Co-I	Sari, Youssef	Pharmacology, Department of						
Co-I	Wang, Xin	Psychiatry, Department of						
<b>N-126205-01</b>	<b>Primary cilia dysfunction and cardiovascular complications in polycystic kidney disease</b>		<b>No</b>	<b>\$277,349</b>	<b>\$101,635</b>	<b>\$378,984</b>	<b>\$378,984</b>	
<i>1/1/18 to 12/31/18</i>	<i>National Institutes of Health</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Aboualaiwi, Wissam Ali	Pharmacology, Department of			100			
<b>N-126229-01</b>	<b>Anticancer Activities of Fevillea Cordifolia and its Active Constituents</b>		<b>No</b>	<b>\$116,000</b>	<b>\$11,600</b>	<b>\$127,600</b>	<b>\$127,600</b>	
<i>1/1/18 to 12/31/18</i>	<i>The Ministry of Higher Education, Science and Technology through National Evangelical University, UNEV Dominican Republic</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Tiwari, Amit K.	Pharmacology, Department of			100			
<b>N-126331-01</b>	<b>Signal shaping via multiple allosteric sites on oligomeric muscarinic receptors</b>		<b>No</b>	<b>\$90,096</b>	<b>\$46,399</b>	<b>\$136,495</b>	<b>\$81,897</b>	
<i>9/30/17 to 8/31/19</i>	<i>National Institutes of Health through Pennsylvania State University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Messer, William S.	Pharmacology, Department of			60			
Co-I	Schiefer, Isaac T.	Medicinal and Biological Chemistry, Department of			40			

## Pharmacy & Pharmaceutical Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Pharmacology, Department of</b>						
<b>N-126361-01</b>	<b>In Vivo Photoaffinity Labeling Using Casper Zebrafish for Target Identification</b>	<b>No</b>	<b>\$50,000</b>	<b>\$26,750</b>	<b>\$76,750</b>	<b>\$26,863</b>
<i>4/1/18 to 3/31/19 National Institute on Drug Abuse</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schiefer, Isaac T.	Medicinal and Biological Chemistry, Department of	65			
Co-I	Hall, Frank	Pharmacology, Department of	10			
Co-I	Williams, Frederick E.	Pharmacology, Department of	25			
<b>N-126665-01</b>	<b>Study of Alkenones sourced from Isochrysis algae for safety and potential applications in the cosmetic and personal care industry</b>	<b>No</b>	<b>\$12,500</b>	<b>\$0</b>	<b>\$12,500</b>	<b>\$12,500</b>
<i>12/1/17 to 7/30/18 Woods Hole Oceanographic Institution</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tiwari, Amit K.	Pharmacology, Department of	100			
<b>N-126815-01</b>	<b>Development of a New Treatment for Autism Spectrum Disorders</b>	<b>No</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$15,000</b>
<i>4/1/18 to 3/30/19 Ohio Department of Higher Education through I-Corps Ohio</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Messer, William S.	Pharmacology, Department of	100			
<b>N-126919-01</b>	<b>Development and characterization of nicotine loaded solid lipid nanoparticle hydrogels</b>	<b>No</b>	<b>\$10,000</b>	<b>\$1,000</b>	<b>\$11,000</b>	<b>\$2,750</b>
<i>1/1/18 to 2/28/19 Paso del Norte Health Foundation through The University of Texas at El Paso</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of	75			
Co-I	Tiwari, Amit K.	Pharmacology, Department of	25			
Sum of Department (Pharmacology, Department of) Award Count: 6.20						<b>\$722,594</b>
<b>Pharmacy Practice, Department of</b>						
<b>N-126448-01</b>	<b>I-Corps: Computational Systems to Deliver Proper Injectable Treatments</b>	<b>No</b>	<b>\$45,000</b>	<b>\$5,000</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>10/1/17 to 9/30/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nesamony, Jerry	Pharmacy Practice, Department of	100			
<b>N-126478-01</b>	<b>Study of Alkenones sourced from Isochrysis algae for safety and potential applications in the cosmetic and personal care industry.</b>	<b>No</b>	<b>\$7,576</b>	<b>\$2,424</b>	<b>\$10,000</b>	<b>\$10,000</b>
<i>7/31/17 to 2/28/18 Western Washington University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of	100			

## Pharmacy & Pharmaceutical Sciences, College of

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Pharmacy Practice, Department of</b>						
<b>N-126526-01</b>	<b>Enhancing the delivery of ibuprofen through the skin using in silico modeling</b>	No	\$10,000	\$0	\$10,000	\$10,000
<i>2/1/18 to 1/31/19 American Association of Colleges of Pharmacy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100	
<b>N-126906-01</b>	<b>Testing Alkenones in Sunscreens</b>	No	\$7,576	\$2,424	\$10,000	\$10,000
<i>5/1/18 to 11/30/18 Western Washington University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100	
<b>N-126919-01</b>	<b>Development and characterization of nicotine loaded solid lipid nanoparticle hydrogels</b>	No	\$10,000	\$1,000	\$11,000	\$8,250
<i>1/1/18 to 2/28/19 Paso del Norte Health Foundation through The University of Texas at El Paso</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of			75	
Co-I	Tiwari, Amit K.	Pharmacology, Department of			25	
<b>N-127059-01</b>	<b>Student Support</b>	No	\$8,000	\$0	\$8,000	\$8,000
<i>6/1/18 to 5/31/19 Access Business Group International LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100	
		Sum of Department (Pharmacy Practice, Department of)		Award Count: 5.75		\$96,250
		Sum of College (Pharmacy & Pharmaceutical Sciences, Co		Award Count: 17.50		\$1,734,379

## Provost - Academic Affairs, Enrollment Services

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Learning Enhancement Center</b>						
<b>C-102723-29</b>	<b>Carl D. Perkins Grant</b>	No	\$69,106	\$0	\$69,106	\$69,106
<i>7/1/17 to 6/30/18 U.S. Department of Education through Ohio Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Radwanski, Julia M.	Learning Enhancement Center			100	

## Provost - Academic Affairs, Enrollment Services

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		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Learning Enhancement Center</b>						
<b>C-103911-22</b>	<b>UT Student Support Services</b>	<b>No</b>	<b>\$225,914</b>	<b>\$18,073</b>	<b>\$243,987</b>	<b>\$4,880</b>
<i>9/1/17 to 8/31/18 U.S. Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Stone, Robin	Toledo Excel Program	98			
Co-I	Tucker, Tia Nicole	Learning Enhancement Center	2			
Sum of Department ( <b>Learning Enhancement Center</b> )			Award Count: <b>1.02</b>		<b>\$73,986</b>	
<b>Provost, Executive VP Academic Affairs</b>						
<b>N-126385-01</b>	<b>2017-2019 Dash Emergency Grant</b>	<b>No</b>	<b>\$210,000</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$210,000</b>
<i>8/15/17 to 8/31/18 Great Lakes Higher Education Guaranty Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Soliz, Michele Catherine	Provost, Executive VP Academic Affairs	100			
<b>N-126779-01</b>	<b>"Tackling Transfer" Regional Transfer Grant Award</b>	<b>No</b>	<b>\$3,000</b>	<b>\$0</b>	<b>\$3,000</b>	<b>\$3,000</b>
<i>1/15/18 to 6/30/18 Ohio Department of Education through Ohio Association of Community Colleges</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ayres, Russell William	Provost, Executive VP Academic Affairs	100			
<b>R-108836-14</b>	<b>Camp Adventure Youth Services</b>	<b>No</b>	<b>\$26,000</b>	<b>\$0</b>	<b>\$26,000</b>	<b>\$26,000</b>
<i>9/1/17 to 8/31/18 University of Northern Iowa</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Spann, Sammy	Provost, Executive VP Academic Affairs	100			
Sum of Department ( <b>Provost, Executive VP Academic Affai</b> )			Award Count: <b>3.00</b>		<b>\$239,000</b>	
<b>Toledo Excel Program</b>						
<b>C-103911-22</b>	<b>UT Student Support Services</b>	<b>No</b>	<b>\$225,914</b>	<b>\$18,073</b>	<b>\$243,987</b>	<b>\$239,107</b>
<i>9/1/17 to 8/31/18 U.S. Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Stone, Robin	Toledo Excel Program	98			
Co-I	Tucker, Tia Nicole	Learning Enhancement Center	2			
Sum of Department ( <b>Toledo Excel Program</b> )			Award Count: <b>0.98</b>		<b>\$239,107</b>	
Sum of College ( <b>Provost - Academic Affairs, Enrollment Se</b> )			Award Count: <b>5.00</b>		<b>\$552,093</b>	

## Public Safety

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
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## Public Safety

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>University Police</b>						
<b>N-126567-01</b>	<b>Community Police Relations Survey</b>	<b>No</b>	<b>\$34,532</b>	<b>\$3,251</b>	<b>\$37,783</b>	<b>\$37,783</b>
<i>7/1/17 to 6/30/18 Ohio Department of Public Safety</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Johnson, Tressa S.	University Police	100			
Co-I	Mungo, Monita Louise Hollis					
Co-I	Newton, Jeff C.	University Police				
Sum of Department ( <b>University Police</b> )			Award Count: <b>1.00</b>		<b>\$37,783</b>	
Sum of College ( <b>Public Safety</b> )			Award Count: <b>1.00</b>		<b>\$37,783</b>	

## Research & Sponsored Programs MC

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Research &amp; Sponsored Programs</b>						
<b>C-125698-02</b>	<b>I-Corp Node: Activating the Midwest I-Corps Network</b>	<b>No</b>	<b>\$29,481</b>	<b>\$8,697</b>	<b>\$38,178</b>	<b>\$38,178</b>
<i>1/1/17 to 12/31/18 National Science Foundation through University of Michigan</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rapino, Norman	Research & Sponsored Programs	100			
<b>C-125746-02</b>	<b>Topic II: NSF I-Corps Site at The University of Toledo</b>	<b>No</b>	<b>\$97,425</b>	<b>\$2,190</b>	<b>\$99,615</b>	<b>\$99,615</b>
<i>3/15/18 to 3/14/19 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rapino, Norman	Research & Sponsored Programs	100			
<b>N-125957-01</b>	<b>PFI:AIR - TT: Multifunctional Underwater Sealants with Long-Term Sustained Release Functionality</b>	<b>No</b>	<b>\$135,414</b>	<b>\$64,321</b>	<b>\$199,735</b>	
<i>7/1/17 to 12/31/18 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lapitsky, Yakov	Chemical and Environmental Engineering, Department of	50			
Co-I	Izzi, Anne Marie	Research & Sponsored Programs				
Co-I	Liberatore, Matthew Walter	Chemical and Environmental Engineering, Department of	25			
Co-I	Pollard, Katherine Ann	Research & Sponsored Programs				
Co-I	Seo, Youngwoo	Civil Engineering, Department of	25			

## Research & Sponsored Programs MC

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				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
<b>Research &amp; Sponsored Programs</b>								
<b>N-126293-01</b>	<b>Toledo MBAC</b>			<b>No</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$330,000</b>	
<i>7/1/17 to 6/30/19</i>	<i>Ohio Development Services Agency</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Gore, Shanda L.	Catharine S. Eberly Center for Women				100		
Co-I	Sattler, Jessica Marie	Research & Sponsored Programs						
Co-I	Shutts, Sariah Ann	Catharine S. Eberly Center for Women						
Co-I	Valdiviez, Jordan Cuauhtemoc	Research & Sponsored Programs						
Co-I	Woodward, Jason E.	Catharine S. Eberly Center for Women						
Sum of Department ( <b>Research &amp; Sponsored Programs</b> )						Award Count: <b>2.00</b>		<b>\$137,793</b>
Sum of College ( <b>Research &amp; Sponsored Programs MC</b> )						Award Count: <b>2.00</b>		<b>\$137,793</b>

## Student Affairs

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
<b>Student Activities Admin</b>								
<b>C-125284-03</b>	<b>Northwest Ohio High Schools That Work/Tech Prep</b>			<b>No</b>	<b>\$184,303</b>	<b>\$9,709</b>	<b>\$194,012</b>	<b>\$194,012</b>
<i>7/1/17 to 6/30/18</i>	<i>Educational Service Center of Lake Erie West</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Wilson, Kathy S.	Student Activities Admin				100		
<b>S-125284-03-S1</b>	<b>Northwest Ohio High Schools That Work/Tech Prep</b>			<b>No</b>	<b>\$13,500</b>	<b>\$0</b>	<b>\$13,500</b>	<b>\$13,500</b>
<i>8/18/17 to 8/17/18</i>	<i>Educational Service Center of Lake Erie West</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Wilson, Kathy S.	Student Activities Admin				100		
Sum of Department ( <b>Student Activities Admin</b> )						Award Count: <b>2.00</b>		<b>\$207,512</b>
Sum of College ( <b>Student Affairs</b> )						Award Count: <b>2.00</b>		<b>\$207,512</b>

## University College

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
<b>Dean - University College</b>								



## University College

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>Dean - University College</b>						
<b>C-123253-07</b>	<b>Military Service Center Student Support</b>	<b>No</b>	<b>\$2,800</b>	<b>\$896</b>	<b>\$3,696</b>	<b>\$3,696</b>
<i>7/1/17 to 6/30/18</i>	<i>U.S. Department of Veterans Affairs</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lettman, Dennis S.	Dean - University College	100			
<b>N-123253-01</b>	<b>Military Service Center Student Support</b>	<b>Yes</b>	<b>\$3,696</b>	<b>\$0</b>	<b>\$3,696</b>	<b>\$3,696</b>
<i>1/1/12 to 6/30/13</i>	<i>U.S. Department of Veterans Affairs</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lettman, Dennis S.	Dean - University College	100			
<b>N-126734-01</b>	<b>FCA TAC Leadership Development</b>	<b>No</b>	<b>\$14,675</b>	<b>\$0</b>	<b>\$14,675</b>	<b>\$14,675</b>
<i>10/11/17 to 10/10/18</i>	<i>Fiat Chrysler America through U.S. Department of Labor</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Herr, Carrie S.	Dean - University College	100			
Sum of Department ( <b>Dean - University College</b> )				Award Count: <b>3.00</b>		<b>\$22,067</b>
Sum of College ( <b>University College</b> )				Award Count: <b>3.00</b>		<b>\$22,067</b>

## UT Medical Center

This report does **not** show all projects that were active in FY18. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
<b>OP-Clinic-Cardiology</b>						
<b>N-124708-01</b>	<b>US-Based, Observational, Drug Registry of Opsumit® (Macitentan) New Users in Clinical Practice</b>	<b>Yes</b>	<b>\$1,077</b>	<b>\$323</b>	<b>\$1,400</b>	<b>\$700</b>
<i>7/7/14 to 7/6/19</i>	<i>Actelion Clinical Operations, Inc.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khoury, Samer J.	Medicine, Department of	50			
Co-I	Garris, Theresa	OP-Clinic-Cardiology	50			
Sum of Department ( <b>OP-Clinic-Cardiology</b> )				Award Count: <b>0.50</b>		<b>\$700</b>
Sum of College ( <b>UT Medical Center</b> )				Award Count: <b>0.50</b>		<b>\$700</b>
<b>Grand Total:</b>				Award Count: <b>383.00</b>		<b>\$47,041,374</b>