

The University of Toledo      Research and Sponsored Programs  
 FY 2022 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 FY22. 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>Art, Department of</b>						
<b>N-129682-01</b>	<b>High-Dosage Tutoring Project</b>	<b>No</b>	<b>\$436,196</b>	<b>\$113,411</b>	<b>\$549,607</b>	<b>\$76,945</b>
<i>5/27/22 to 6/30/24</i>	<i>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	Hapgood, Susanna	Teacher Education	30			
Co-I	Aguiton, Rhonda L.	Teacher Education	14			
Co-I	Cox, Jason Matthew	Art, Department of	14			
Co-I	Hamer, Lynne	Educational Foundations and Leadership	14			
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of	14			
Co-I	Thompson, Falynn	Dean-Education	14			
Co-I	Toland, Michael	Dean-Education	14			
Sum of Department ( <b>Art, Department of</b> ) Award Count: <b>0.14</b>						<b>\$76,945</b>
<b>Disability Studies Program</b>						
<b>N-128921-01</b>	<b>Addressing Implicit Bias and Cultural Humility in Healthcare through Cinematic Virtual Reality (MES)</b>	<b>No</b>	<b>\$544,873</b>	<b>\$54,487</b>	<b>\$599,360</b>	<b>\$59,936</b>
<i>7/1/21 to 8/31/22</i>	<i>Centers for Medicare and Medicaid Services through Ohio University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dworkin, Lance	Medicine, Department of	60			
Co-I	Clark, Madeline Elizabeth	School of Intervention & Wellness	10			
Co-I	Day, Allyson Lesley	Women's & Gender Studies, Department of	10			
Co-I	Monteleone, Rebecca Garnet	Disability Studies Program	10			
Co-I	Singh, Shipra	Department of Population Health	10			
Dir Ctr/Inst	McCarthy, Diane M.	Medicine, Department of	10			
<b>N-129050-01</b>	<b>Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development</b>	<b>No</b>	<b>\$106,429</b>	<b>\$27,277</b>	<b>\$133,706</b>	<b>\$53,482</b>
<i>2/1/22 to 12/31/24</i>	<i>National Endowment for the Humanities</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gregory, Melissa Valiska	English, Department of	40			
Co-I	Day, Allyson Lesley	Disability Studies Program	20			
Co-I	Dudley, Rachel A.	Women's & Gender Studies, Department of	20			
Co-I	Nielsen, Kim E.	Disability Studies Program	20			

# Arts and Letters, College of

This report does **not** show all projects that were active in FY22. 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>Disability Studies Program</b>						
<b>N-129333-01</b>	<b>The Law of Words</b>	<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>10/1/21 to 12/31/21 Columbia University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Monteleone, Rebecca Garnet	Disability Studies Program	100			
<b>N-129611-01</b>	<b>Creating Accessible Language Criteria in English</b>	<b>No</b>	<b>\$7,547</b>	<b>\$2,453</b>	<b>\$10,000</b>	<b>\$10,000</b>
<i>6/23/22 to 8/31/22 CFS Consulting, Franchise &amp; Sales GmbH</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Monteleone, Rebecca Garnet	Disability Studies Program	100			
Stdnt Schol	Bernstein, Hallie D.					
Sum of Department ( <b>Disability Studies Program</b> )						Award Count: <b>2.50</b>
						<b>\$128,418</b>
<b>English, Department of</b>						
<b>N-129050-01</b>	<b>Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development</b>	<b>No</b>	<b>\$106,429</b>	<b>\$27,277</b>	<b>\$133,706</b>	<b>\$53,482</b>
<i>2/1/22 to 12/31/24 National Endowment for the Humanities</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gregory, Melissa Valiska	English, Department of	40			
Co-I	Day, Allyson Lesley	Disability Studies Program	20			
Co-I	Dudley, Rachel A.	Women's & Gender Studies, Department of	20			
Co-I	Nielsen, Kim E.	Disability Studies Program	20			
Sum of Department ( <b>English, Department of</b> )						Award Count: <b>0.40</b>
						<b>\$53,482</b>
<b>Geography and Planning, Department of</b>						
<b>C-124355-06</b>	<b>Support for the UT Urban Affairs Center</b>	<b>No</b>	<b>\$45,455</b>	<b>\$4,545</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>7/1/21 to 6/30/22 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Shetty, Sujata	Geography and Planning, Department of	100			
<b>C-125107-07</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	<b>No</b>	<b>\$1,427,152</b>	<b>\$171,386</b>	<b>\$1,598,538</b>	<b>\$1,278,830</b>
<i>1/1/22 to 12/31/22 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	80			
Co-I	Lipscomb, Glenn	Chemical Engineering, Department of	10			
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	10			

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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>Geography and Planning, Department of</b>							
<b>N-128977-01</b>	<b>Evaluating the field- and watershed-scale water quality benefits of H2Ohio conservation practices in the Maumee River Watershed</b>		<b>No</b>	<b>\$108,325</b>	<b>\$0</b>	<b>\$108,325</b>	<b>\$108,325</b>
<i>6/15/21 to 12/31/23</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	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
<b>N-129100-01</b>	<b>Broadening Data Fluency Through the Integration of NASA Assets and Place-Based Learning to Advance Connections, Education, and Stewardship (PLACES)</b>		<b>No</b>	<b>\$37,600</b>	<b>\$18,988</b>	<b>\$56,588</b>	<b>\$56,588</b>
<i>1/1/22 to 12/31/22</i>	<i>National Aeronautics and Space Administration through WestEd</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
<b>N-129247-01</b>	<b>Water quality benefits of H2Ohio conservation practices in the Maumee River Watershed</b>		<b>No</b>	<b>\$69,624</b>	<b>\$6,962</b>	<b>\$76,586</b>	<b>\$76,586</b>
<i>9/15/21 to 6/30/23</i>	<i>Ohio Lake Erie Commission</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
Sum of Department ( <b>Geography and Planning, Department</b> )							<b>Award Count: 4.80</b>
							<b>\$1,570,329</b>
<b>Psychology, Department of</b>							
<b>C-127569-03</b>	<b>Developing new strategies to inhibit the nocebo effect</b>		<b>No</b>	<b>\$14,414</b>	<b>\$0</b>	<b>\$14,414</b>	<b>\$14,414</b>
<i>1/1/22 to 12/31/22</i>	<i>University of Sydney</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Geers, Andrew	Psychology, Department of			100		
<b>C-128101-02</b>	<b>The Development of Eating Behavior in Infancy: Associations with Behavior, Diet, and Growth to Age 6 years</b>		<b>No</b>	<b>\$10,480</b>	<b>\$5,292</b>	<b>\$15,772</b>	<b>\$15,772</b>
<i>8/1/21 to 7/31/22</i>	<i>National Institutes of Health through University of Michigan</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tan, Cin Cin	Psychology, Department of			100		
<b>D-128101-01</b>	<b>The Development of Eating Behavior in Infancy: Associations with Behavior, Diet, and Growth to Age 6 years</b>		<b>No</b>	<b>\$(1,260)</b>	<b>\$(637)</b>	<b>\$(1,897)</b>	<b>\$(1,897)</b>
<i>9/30/20 to 7/31/21</i>	<i>National Institutes of Health through University of Michigan</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tan, Cin Cin	Psychology, Department of			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>Psychology, Department of</b>						
<b>N-128479-01-A1</b>	<b>Using pre-pandemic baseline data in people with and without PTSD to study effects of the COVID-19 pandemic on mental health and brain emotion circuits</b>	<b>No</b>	<b>\$150,000</b>	<b>\$74,288</b>	<b>\$224,288</b>	
<i>3/3/22 to 2/28/23</i>	<i>National Institute of Mental Health</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of		50		
PI/PD	Xie, Hong	Neurosciences, Department of		50		
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Shih, Chia Hao	Emergency Medicine				
<b>N-128729-01</b>	<b>Identifying the mechanisms of latent inhibition to prevent dental fear</b>	<b>No</b>	<b>\$91,876</b>	<b>\$46,397</b>	<b>\$138,273</b>	<b>\$138,273</b>
<i>8/1/21 to 7/31/22</i>	<i>National Institute of Dental and Craniofacial Research through University of Texas Rio Grande Valley</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Geers, Andrew	Psychology, Department of		100		
Sum of Department ( <b>Psychology, Department of</b> )						<b>Award Count: 4.00</b>
						<b>\$166,562</b>
<b>Sociology and Anthropology, Department of</b>						
<b>N-129044-01</b>	<b>MBDC Forum and Education</b>	<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>10/1/21 to 9/30/22</i>	<i>Fifth Third Bank</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	McKether, Willie L.	Sociology and Anthropology, Department of		100		
Sum of Department ( <b>Sociology and Anthropology, Departm</b> )						<b>Award Count: 1.00</b>
						<b>\$5,000</b>
<b>Theater and Film, Department of</b>						
<b>N-129492-01</b>	<b>STAR Prevention Program (GEER)</b>	<b>No</b>	<b>\$31,818</b>	<b>\$3,182</b>	<b>\$35,000</b>	
<i>12/1/21 to 6/30/22</i>	<i>U.S. Department of Education through Ohio Department of Higher Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sullivan, Latasha Christine	Counseling Center		100		
Co-I	Foss, Matthew J.	Theater and Film, Department of				
Sum of Department ( <b>Theater and Film, Department of</b> )						<b>Award Count:</b>
<b>Women's &amp; Gender Studies, Department of</b>						

## 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>Women's &amp; Gender Studies, Department of</b>						
<b>N-128921-01</b>	<b>Addressing Implicit Bias and Cultural Humility in Healthcare through Cinematic Virtual Reality (MES)</b>	<b>No</b>	<b>\$544,873</b>	<b>\$54,487</b>	<b>\$599,360</b>	<b>\$59,936</b>
<i>7/1/21 to 8/31/22 Centers for Medicare and Medicaid Services through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Dworkin, Lance	Medicine, Department of			60	
Co-I	Clark, Madeline Elizabeth	School of Intervention & Wellness			10	
Co-I	Day, Allyson Lesley	Women's & Gender Studies, Department of			10	
Co-I	Monteleone, Rebecca Garnet	Disability Studies Program			10	
Co-I	Singh, Shipra	Department of Population Health			10	
Dir Ctr/Inst	McCarthy, Diane M.	Medicine, Department of				
<b>N-129050-01</b>	<b>Promotion of the Humanities Teaching and Learning Resources and Curriculum Development</b>	<b>No</b>	<b>\$106,429</b>	<b>\$27,277</b>	<b>\$133,706</b>	<b>\$26,741</b>
<i>2/1/22 to 12/31/24 National Endowment for the Humanities</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Gregory, Melissa Valiska	English, Department of			40	
Co-I	Day, Allyson Lesley	Disability Studies Program			20	
Co-I	Dudley, Rachel A.	Women's & Gender Studies, Department of			20	
Co-I	Nielsen, Kim E.	Disability Studies Program			20	
Sum of Department ( <b>Women's &amp; Gender Studies, Departme</b> )						Award Count: <b>0.30</b>
						<b>\$86,677</b>
<b>World Languages and Cultures</b>						
<b>N-129429-01</b>	<b>STARTALK-UToledo LEADER Program for Arabic, Chinese, and Korean Teachers</b>	<b>No</b>	<b>\$168,002</b>	<b>\$31,934</b>	<b>\$199,936</b>	<b>\$199,936</b>
<i>5/16/22 to 6/30/24 National Security Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Cheng, An Chung	World Languages and Cultures			65	
Co-I	Semaan, Gaby	World Languages and Cultures			35	
Sum of Department ( <b>World Languages and Cultures</b> )						Award Count: <b>1.00</b>
						<b>\$199,936</b>
Sum of College ( <b>Arts and Letters, College of</b> )						Award Count: <b>14.14</b>
						<b>\$2,287,350</b>

## 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>Curriculum and Instruction, Department of</b>						

## 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>Curriculum and Instruction, Department of</b>						
<b>C-125107-07</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	<b>No</b>	<b>\$1,427,152</b>	<b>\$171,386</b>	<b>\$1,598,538</b>	<b>\$159,854</b>
<i>1/1/22 to 12/31/22</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		80		
Co-I	Lipscomb, Glenn	Chemical Engineering, Department of		10		
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of		10		
<b>C-125284-07</b>	<b>Northwest Ohio High Schools That Work/Making Middle Grades Work</b>	<b>No</b>	<b>\$403,738</b>	<b>\$19,687</b>	<b>\$423,425</b>	<b>\$423,425</b>
<i>7/1/21 to 6/30/22</i>	<i>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		97		
Co-I	Toland, Michael	Curriculum and Instruction, Department of		3		
Stdnt Schol	Dedhia, Ria Mehul					
<b>N-129212-01</b>	<b>Launching Educators for All Learners: UToledo's Dual License Initiative</b>	<b>No</b>	<b>\$115,740</b>	<b>\$9,259</b>	<b>\$124,999</b>	<b>\$87,499</b>
<i>9/1/21 to 6/30/22</i>	<i>U.S. Department of Education through University of Cincinnati</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Welsch, Richard	Dean-Education		20		
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of		20		
Co-I	Devlin, Patricia	Curriculum and Instruction, Department of				
Co-I	Johanning, Debra	Curriculum and Instruction, Department of		10		
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of		10		
Co-I	Pindiprolu, Sekhar	Curriculum and Instruction, Department of		10		
Co-I	Schneider, Rebecca M.	Dean-Education		10		
Co-I	Stablein, Colleen Fitzpatrick	Curriculum and Instruction, Department of		10		
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of		10		
<b>N-129682-01</b>	<b>High-Dosage Tutoring Project</b>	<b>No</b>	<b>\$436,196</b>	<b>\$113,411</b>	<b>\$549,607</b>	<b>\$76,945</b>
<i>5/27/22 to 6/30/24</i>	<i>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	Hapgood, Susanna	Teacher Education		30		
Co-I	Aguiton, Rhonda L.	Teacher Education		14		
Co-I	Cox, Jason Matthew	Art, Department of		14		
Co-I	Hamer, Lynne	Educational Foundations and Leadership		14		
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of		14		
Co-I	Thompson, Falynn	Dean-Education				
Co-I	Toland, Michael	Dean-Education		14		

## 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>R-106314-23</b>	<b>CTE Teacher Preparation and Retention</b>	No	\$95,238	\$4,762	\$100,000	\$100,000
7/1/21 to 6/30/22		U.S. Department of Education through Ohio Department of Education				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Toland, Michael	Curriculum and Instruction, Department of	95			
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of	5			
<b>R-126554-05</b>	<b>Tech Prep Pathways Grant</b>	No	\$482,433	\$0	\$482,433	\$482,433
7/1/21 to 6/30/22		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	97			
Co-I	Toland, Michael	Curriculum and Instruction, Department of	3			
		Sum of Department (Curriculum and Instruction, Departme		Award Count: 3.94		\$1,330,156
<b>Dean-Education</b>						
<b>C-129102-02</b>	<b>Psychometric Investigation of Teacher Beliefs and Practices Survey</b>	No	\$8,696	\$1,304	\$10,000	\$5,000
9/1/21 to 8/21/22		Chan Zuckerberg Initiative through Harvard University				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Toland, Michael	Dean-Education	50			
Co-I	Kumar, Revathy	Educational Foundations and Leadership	50			
<b>N-128954-01-A1</b>	<b>The Influence of Training Loads on Running-Related Injuries in High School Cross-Country Runners: A Prospective Study</b>	No	\$49,962	\$6,294	\$56,256	\$28,128
5/22/22 to 6/30/23		National Athletic Trainers' Association				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bazett-Jones, David Matthew	Department of Exercise Rehab Sciences	50			
Co-I	Toland, Michael	Dean-Education	50			
<b>N-129174-01</b>	<b>Psychometric and statistical support for NIOSH research projects in U.S. middle and high schools (IPA)</b>	No	\$26,000	\$0	\$26,000	\$26,000
9/1/21 to 8/31/22		National Institute for Occupational Safety and Health				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Toland, Michael	Dean-Education	100			

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<b>Dean-Education</b>						
<b>N-129212-01</b>	<b>Launching Educators for All Learners: UToledo's Dual License Initiative</b>	No	\$115,740	\$9,259	\$124,999	\$37,500
9/1/21 to 6/30/22 U.S. Department of Education through University of Cincinnati						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Welsch, Richard	Dean-Education	20			
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of	20			
Co-I	Devlin, Patricia	Curriculum and Instruction, Department of	10			
Co-I	Johanning, Debra	Curriculum and Instruction, Department of	10			
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of	10			
Co-I	Pindiprolu, Sekhar	Curriculum and Instruction, Department of	10			
Co-I	Schneider, Rebecca M.	Dean-Education	10			
Co-I	Stablein, Colleen Fitzpatrick	Curriculum and Instruction, Department of	10			
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	10			
<b>N-129414-01</b>	<b>Curricular Analytics Project</b>	No	\$43,478	\$6,522	\$50,000	\$50,000
9/1/21 to 8/31/22 Ascendium Education Group through Colorado State University						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Toland, Michael	Dean-Education	100			
<b>N-129617-01</b>	<b>Curricular Analytics</b>	No	\$5,000	\$0	\$5,000	
3/2/22 to 8/31/24 Ascendium Education Group through Colorado State University						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ashburner, Brian P.	Administration, College of Natural Sciences & Mathematics	100			
Co-I	Toland, Michael	Dean-Education				
<b>N-129682-01</b>	<b>High-Dosage Tutoring Project</b>	No	\$436,196	\$113,411	\$549,607	\$76,945
5/27/22 to 6/30/24 U.S. Department of Education through Ohio Department of Education						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hapgood, Susanna	Teacher Education	30			
Co-I	Aguiton, Rhonda L.	Teacher Education	14			
Co-I	Cox, Jason Matthew	Art, Department of	14			
Co-I	Hamer, Lynne	Educational Foundations and Leadership	14			
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of	14			
Co-I	Thompson, Falynn	Dean-Education				
Co-I	Toland, Michael	Dean-Education	14			
<b>R-127048-03</b>	<b>SuccessBound Conference - Northwest Ohio Tech Prep</b>	No	\$6,111	\$489	\$6,600	
6/1/21 to 7/31/21 Ohio Department of Education						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wilson, Kathy S.	Teacher Education	100			
Co-I	Toland, Michael	Dean-Education				



**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>Dean-Education</b>						
<b>R-127048-04</b>	<b>SuccessBound Conference - Northwest Ohio Tech Prep</b>	<b>No</b>	<b>\$6,600</b>	<b>\$0</b>	<b>\$6,600</b>	<b>\$198</b>
<i>11/1/21 to 6/30/22 Ohio Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wilson, Kathy S.	Teacher Education	97			
Co-I	Toland, Michael	Dean-Education	3			
Sum of Department ( <b>Dean-Education</b> ) Award Count: <b>3.47</b>						<b>\$223,771</b>
<b>Early Childhood, Physical, and Special Education</b>						
<b>C-127201-04</b>	<b>Great Start Higher Education (GSHE)</b>	<b>No</b>	<b>\$138,889</b>	<b>\$11,111</b>	<b>\$150,000</b>	<b>\$150,000</b>
<i>11/1/21 to 10/31/22 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	McInerney, William F.	Early Childhood, Physical, and Special Education				
<b>C-127788-03</b>	<b>Project Prepare</b>	<b>No</b>	<b>\$231,481</b>	<b>\$18,519</b>	<b>\$250,000</b>	<b>\$125,000</b>
<i>10/1/21 to 9/30/22 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	50			
Co-I	Metz, Alexia E.	Occupational Therapy Program	50			
<b>C-128324-02</b>	<b>Ohio School Leaders Professional Development Grant</b>	<b>No</b>	<b>\$46,364</b>	<b>\$4,636</b>	<b>\$51,000</b>	<b>\$51,000</b>
<i>7/1/21 to 6/30/22 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	Dinnebeil, Laurie A.	Early Childhood, Physical, and Special Education	100			
<b>N-129799-01</b>	<b>Child Care Stabilization</b>	<b>No</b>	<b>\$24,498</b>	<b>\$0</b>	<b>\$24,498</b>	<b>\$24,498</b>
<i>5/1/22 to 4/30/23 U.S. Department of Health and Human Services</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Salts, Caryn L.	Early Childhood, Physical, and Special Education	100			
<b>S-125940-05-S1</b>	<b>Project Open House-Better Child Care for the Student with Developmental Disabilities</b>	<b>No</b>	<b>\$36,817</b>	<b>\$3,182</b>	<b>\$39,999</b>	<b>\$39,999</b>
<i>1/1/22 to 12/31/22 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			
Sum of Department ( <b>Early Childhood, Physical, and Specia</b> ) Award Count: <b>4.50</b>						<b>\$390,497</b>
<b>Educational Foundations and Leadership</b>						

## 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>Educational Foundations and Leadership</b>								
<b>C-129102-02</b>	<b>Psychometric Investigation of Teacher Beliefs and Practices Survey</b>		<b>No</b>	<b>\$8,696</b>	<b>\$1,304</b>	<b>\$10,000</b>	<b>\$5,000</b>	
<i>9/1/21 to 8/21/22</i>	<i>Chan Zuckerberg Initiative through Harvard University</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Toland, Michael	Dean-Education			50			
Co-I	Kumar, Revathy	Educational Foundations and Leadership			50			
<b>N-129682-01</b>	<b>High-Dosage Tutoring Project</b>		<b>No</b>	<b>\$436,196</b>	<b>\$113,411</b>	<b>\$549,607</b>	<b>\$76,945</b>	
<i>5/27/22 to 6/30/24</i>	<i>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	Hapgood, Susanna	Teacher Education			30			
Co-I	Aguiton, Rhonda L.	Teacher Education			14			
Co-I	Cox, Jason Matthew	Art, Department of			14			
Co-I	Hamer, Lynne	Educational Foundations and Leadership			14			
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of			14			
Co-I	Thompson, Falynn	Dean-Education						
Co-I	Toland, Michael	Dean-Education			14			
Sum of Department (Educational Foundations and Leaders							Award Count: <b>0.64</b>	<b>\$81,945</b>
<b>Teacher Education</b>								
<b>N-128639-01-A1</b>	<b>Understanding and Supporting Early Childhood Teachers' Perceptions and Practices to Initiate the Early Intervention referral process under Child Find</b>		<b>No</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$15,000</b>	
<i>4/1/22 to 6/30/23</i>	<i>Foundation for Child Development</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Delaney, Katherine Kresin	Teacher Education			100			
<b>N-129460-01</b>	<b>An Inclusive STEM Environment: Using Cogenerative Dialogues to Investigate the Experiences of Students with Disabilities in Freshman Chemistry</b>		<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>	
<i>6/1/22 to 5/31/23</i>	<i>Oak Ridge Assoc Univs</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>			
PI/PD	Johnson, Natasha Yvonne	Teacher Education			100			

**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>Teacher Education</b>						
<b>N-129682-01</b>	<b>High-Dosage Tutoring Project</b>	<b>No</b>	<b>\$436,196</b>	<b>\$113,411</b>	<b>\$549,607</b>	<b>\$241,827</b>
<i>5/27/22 to 6/30/24 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	Hapgood, Susanna	Teacher Education			30	
Co-I	Aguiton, Rhonda L.	Teacher Education			14	
Co-I	Cox, Jason Matthew	Art, Department of			14	
Co-I	Hamer, Lynne	Educational Foundations and Leadership			14	
Co-I	Kehus, Marcella	Curriculum and Instruction, Department of			14	
Co-I	Thompson, Falynn	Dean-Education				
Co-I	Toland, Michael	Dean-Education			14	
<b>R-127048-03</b>	<b>SuccessBound Conference - Northwest Ohio Tech Prep</b>	<b>No</b>	<b>\$6,111</b>	<b>\$489</b>	<b>\$6,600</b>	<b>\$6,600</b>
<i>6/1/21 to 7/31/21 Ohio Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wilson, Kathy S.	Teacher Education			100	
Co-I	Toland, Michael	Dean-Education				
<b>R-127048-04</b>	<b>SuccessBound Conference - Northwest Ohio Tech Prep</b>	<b>No</b>	<b>\$6,600</b>	<b>\$0</b>	<b>\$6,600</b>	<b>\$6,402</b>
<i>11/1/21 to 6/30/22 Ohio Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wilson, Kathy S.	Teacher Education			97	
Co-I	Toland, Michael	Dean-Education			3	
Sum of Department ( <b>Teacher Education</b> )			Award Count: <b>4.41</b>		<b>\$274,829</b>	
Sum of College ( <b>Education - Judith Herb College of</b> )			Award Count: <b>16.96</b>		<b>\$2,301,198</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>						

## 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-127865-02</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>	<b>No</b>	<b>\$182,919</b>	<b>\$23,081</b>	<b>\$206,000</b>	<b>\$20,600</b>
8/30/21 to 5/16/23	Dana Corporation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of		30		
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering		10		
Co-I	Mugge, William August	Engineering Technology, Department of		5		
Co-I	Relue, Patricia Ann	Bioengineering, Department of		10		
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of		40		
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
<b>C-127865-02-I01</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>	<b>No</b>	<b>\$171,698</b>	<b>\$55,802</b>	<b>\$227,500</b>	<b>\$22,750</b>
8/30/21 to 5/16/23	Dana Corporation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of		30		
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering		10		
Co-I	Mugge, William August	Engineering Technology, Department of		5		
Co-I	Relue, Patricia Ann	Bioengineering, Department of		10		
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of		40		
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
<b>S-125746-03-S2</b>	<b>Topic II: NSF I-Corps Site at The University of Toledo</b>	<b>No</b>	<b>\$44,976</b>	<b>\$14,617</b>	<b>\$59,593</b>	<b>\$59,593</b>
7/30/21 to 2/28/22	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rapino, Norman	Administration, College of Engineering		100		
<b>S-127658-01-S1</b>	<b>Advance &amp; I-Corps Joint Program</b>	<b>No</b>	<b>\$79,979</b>	<b>\$25,993</b>	<b>\$105,972</b>	<b>\$105,972</b>
8/13/21 to 12/31/22	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rapino, Norman	Administration, College of Engineering		100		
Sum of Department ( <b>Administration, College of Engineering</b> )						<b>Award Count: 2.20</b>
						<b>\$208,915</b>
<b>Bioengineering, Department of</b>						
<b>C-124228-08</b>	<b>Phase II IUCRC The University of Toledo: Center for Disruptive Musculoskeletal Innovations (CDMI)</b>	<b>No</b>	<b>\$75,472</b>	<b>\$24,528</b>	<b>\$100,000</b>	<b>\$100,000</b>
12/15/21 to 12/14/22	National Science Foundation					
<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-127707-02</b>	<b>Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway</b>		<b>No</b>	<b>\$40,000</b>	<b>\$3,200</b>	<b>\$43,200</b>	<b>\$34,560</b>
<i>8/1/21 to 7/31/22</i>	<i>National Institute of Biomedical Imaging &amp; Bioengineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of				65	
Co-I	Ayan, Halim	Bioengineering, Department of				10	
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of				5	
Co-I	Pappada, Scott Michael	Medical Services 5				5	
Co-I	Rapino, Norman	Research & Sponsored Programs				10	
Co-I	Relue, Patricia Ann	Bioengineering, Department of				5	
<b>C-127865-02</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>		<b>No</b>	<b>\$182,919</b>	<b>\$23,081</b>	<b>\$206,000</b>	<b>\$20,600</b>
<i>8/30/21 to 5/16/23</i>	<i>Dana Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of				30	
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering				10	
Co-I	Mugge, William August	Engineering Technology, Department of				5	
Co-I	Relue, Patricia Ann	Bioengineering, Department of				10	
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of				40	
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of				5	
<b>C-127865-02-101</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>		<b>No</b>	<b>\$171,698</b>	<b>\$55,802</b>	<b>\$227,500</b>	<b>\$22,750</b>
<i>8/30/21 to 5/16/23</i>	<i>Dana Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of				30	
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering				10	
Co-I	Mugge, William August	Engineering Technology, Department of				5	
Co-I	Relue, Patricia Ann	Bioengineering, Department of				10	
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of				40	
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of				5	
<b>C-129063-02</b>	<b>SONIC: Sensor Operations via Naturalistic Interactive Control</b>		<b>No</b>	<b>\$9,967</b>	<b>\$5,033</b>	<b>\$15,000</b>	<b>\$15,000</b>
<i>3/1/22 to 9/30/22</i>	<i>U.S. Air Force through Aptima, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Cameron, Brent D.	Bioengineering, Department of				100	

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Bioengineering, Department of</b>						
<b>N-129085-01</b>	<b>RAPIDS 5.0</b>	No	\$333,921	\$0	\$333,921	\$50,088
10/1/21 to 9/30/23		Ohio Department of Higher Education				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of	25			
Co-PI	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of	30			
Co-I	Alaraje, Abdunnasser	Engineering Technology, Department of	15			
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	15			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	15			
<b>N-129287-01</b>	<b>Prediction of Relapse in Opioid Addiction via a Novel Wearable Technology (PreLapse)</b>	No	\$225,443	\$122,867	\$348,310	\$121,908
4/13/22 to 6/30/23		Ohio Department of Higher Education				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	50			
Co-I	Cameron, Brent D.	Bioengineering, Department of	35			
Co-I	Duggan, Joan	Medicine, Department of	5			
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of	5			
Co-I	Singh, Tanvir	Psychiatry, Department of	5			
<b>N-129405-01</b>	<b>fORE: fNIRS Operational Readiness Estimation</b>	No	\$33,222	\$16,778	\$50,000	\$50,000
10/1/21 to 9/30/22		U.S. Department of Defense through Aptima, Inc				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cameron, Brent D.	Bioengineering, Department of	100			
<b>S-124228-06-S4</b>	<b>Phase II IUCRC at The University of Toledo: Center for Disruptive Musculoskeletal Innovations (CDMI) - START proposal</b>	No	\$90,950	\$9,040	\$99,990	\$99,990
8/21/21 to 11/30/24		National Science Foundation				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	25			
Co-I	Cameron, Brent D.	Bioengineering, Department of	25			
Co-I	Molitor, Scott C.	Bioengineering, Department of	25			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	25			
<b>S-124228-08-W1</b>	<b>Evaluating biomechanics of the novel active apex correction technique in pediatric scoliosis (Email # 1-2A)</b>	No	\$18,182	\$1,818	\$20,000	\$20,000
2/1/22 to 1/31/23		NSF-CDMI Industry Consortium				
<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>S-124228-08-W3</b>	<b>Biomechanics of cervical spine with artificial disc during pilot ejection (Email # 6-2G) Index 207090</b>	<b>No</b>	<b>\$18,182</b>	<b>\$1,818</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>2/1/22 to 1/31/23 NSF-CDMI Industry Consortium</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
<b>S-124228-08-W4</b>	<b>The Role of Electrical Stimulation Treatment Duration on IVD Regeneration (Email # 3-2D) Index 207041</b>	<b>No</b>	<b>\$27,273</b>	<b>\$2,727</b>	<b>\$30,000</b>	<b>\$30,000</b>
<i>2/1/22 to 1/31/23 NSF-CDMI Industry Consortium</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	10			
Co-PI	Yildirim-Ayan, Eda D.	Bioengineering, Department of	90			
<b>S-124228-08-W6</b>	<b>Developing a sex-specific finite element model with and without total shoulder arthroplasty (Email # 5-2F)</b>	<b>No</b>	<b>\$18,182</b>	<b>\$1,818</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>2/1/22 to 1/31/23 NSF-CDMI Industry Consortium</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100			
		<b>Sum of Department (Bioengineering, Department of) Award Count: 9.50</b>			<b>\$604,897</b>	
<b>Chemical Engineering, Department of</b>						
<b>C-125107-07</b>	<b>Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education</b>	<b>No</b>	<b>\$1,427,152</b>	<b>\$171,386</b>	<b>\$1,598,538</b>	<b>\$159,854</b>
<i>1/1/22 to 12/31/22 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	80			
Co-I	Lipscomb, Glenn	Chemical Engineering, Department of	10			
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	10			
<b>C-127837-01-I05</b>	<b>High Fidelity Simulations of Membrane Gas Separation Modules--Subproject No. 03</b>	<b>No</b>	<b>\$20,781</b>	<b>\$10,286</b>	<b>\$31,067</b>	<b>\$31,067</b>
<i>8/28/21 to 1/31/22 U.S. Department of Energy through Oak Ridge Assoc Univs</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			
<b>C-128996-02</b>	<b>Modular Designs for New Facilitated Transport Membranes in Olefin Production</b>	<b>No</b>	<b>\$53,821</b>	<b>\$27,179</b>	<b>\$81,000</b>	<b>\$81,000</b>
<i>2/18/21 to 9/30/22 Idaho National Labs through Battelle Memorial Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Chemical Engineering, Department of</b>						
<b>N-127843-01-I01</b>	<b>Membrane Gas Separation Module Simulations for Process Simulators</b>	No	\$13,072	\$6,604	\$19,676	\$19,676
8/6/21 to 1/31/22	U.S. Department of Energy through Oak Ridge Assoc Univs					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			
<b>N-127843-01-I02</b>	<b>Membrane Gas Separation Module Simulations for Process Simulators</b>	No	\$4,575	\$2,310	\$6,885	\$6,885
5/16/22 to 5/17/22	U.S. Department of Energy through Oak Ridge Assoc Univs					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			
<b>N-128458-01</b>	<b>High pH/high alkalinity cultivation for Direct Atmospheric Air Capture and Algae Bioproducts</b>	No	\$182,611	\$82,118	\$264,729	\$264,729
2/1/21 to 3/31/23	U.S. Department of Energy through Montana State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Viamajala, Sridhar	Chemical Engineering, Department of	100			
Stdnt Schol	Hensley, Dylan M.					
<b>N-129085-01</b>	<b>RAPIDS 5.0</b>	No	\$333,921	\$0	\$333,921	\$83,480
10/1/21 to 9/30/23	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of	25			
Co-PI	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of	30			
Co-I	Alaraje, Abdalnasser	Engineering Technology, Department of	15			
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	15			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	15			
<b>N-129086-01</b>	<b>Dana AM Research</b>	No	\$44,656	\$22,551	\$67,207	\$6,721
7/15/21 to 12/31/22	Dana Corporation					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of	70			
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	10			
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
Co-I	Lawrence, Joseph G.	Chemical Engineering, Department of	10			
Co-I	Qattawi, Ala Abdel Latef	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
Stdnt Schol	Dabbaghi, Hedyeh					
<b>N-129177-01</b>	<b>Investigation into complementary (to phosphorus) adoption of ammonia recovery in Ohio</b>	No	\$113,123	\$31,877	\$145,000	\$145,000
1/12/22 to 1/11/27	Ohio Water Development Authority					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Viamajala, Sridhar	Chemical Engineering, Department of	100			



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<b>Chemical Engineering, Department of</b>						
<b>N-129235-01</b>	<b>PFI TT: A hand-held device for rapid and accurate determination of cancerous tumor margins during surgical resections</b>	<b>No</b>	<b>\$166,112</b>	<b>\$83,886</b>	<b>\$249,998</b>	<b>\$99,999</b>
<i>2/1/22 to 1/31/24</i>		<i>National Science Foundation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of	40			
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of	20			
Co-I	Chaudhuri, Prabir	Surgery, Department of	20			
Co-I	Dominiak, Nicole Rachel	Pathology, Department of	20			
Stdnt Schol	Dumevi, Joel					
Stdnt Schol	Fox, Corbin Jacob					
<b>N-129249-01</b>	<b>CAREER: Dual Function Materials for Capture and Conversion of CO2 into Methanol and Higher Alcohols</b>	<b>No</b>	<b>\$36,722</b>	<b>\$18,545</b>	<b>\$55,267</b>	<b>\$55,267</b>
<i>10/1/21 to 7/31/22</i>		<i>National Science Foundation through Clemson University</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Coleman, Maria R.	Chemical Engineering, Department of	100			
<b>N-129563-01</b>	<b>High Fidelity Simulations of Membrane Gas Separation Modules (Task 1)</b>	<b>No</b>	<b>\$16,611</b>	<b>\$8,389</b>	<b>\$25,000</b>	<b>\$25,000</b>
<i>2/1/22 to 12/31/23</i>		<i>National Energy Technology Laboratory through Leidos, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			
<b>N-129564-01</b>	<b>Membrane Gas Separation Module Simulations for Process Simulators (Task 2)</b>	<b>No</b>	<b>\$16,611</b>	<b>\$8,389</b>	<b>\$25,000</b>	<b>\$25,000</b>
<i>2/1/22 to 12/30/23</i>		<i>National Energy Technology Laboratory through Leidos, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of	100			
<b>N-129722-01</b>	<b>Technical Services Agreement: Recovery of polypropylene from waste plastics</b>	<b>No</b>	<b>\$11,669</b>	<b>\$3,792</b>	<b>\$15,461</b>	<b>\$3,092</b>
<i>6/1/22 to 5/31/24</i>		<i>Basell USA, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Polymer Institute	80			
Co-I	Viamajala, Sridhar	Chemical Engineering, Department of	20			
<b>N-129779-01</b>	<b>Testing Agreement PPG</b>	<b>No</b>	<b>\$7,546</b>	<b>\$2,453</b>	<b>\$9,999</b>	<b>\$9,999</b>
<i>6/1/22 to 5/31/24</i>		<i>PPG Industries, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Liberatore, Matthew Walter	Chemical Engineering, Department of	100			

## Engineering, College of

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<b>Chemical Engineering, Department of</b>						
<b>S-129235-01</b>	<b>PFI TT: A hand-held device for rapid and accurate determination of cancerous tumor margins during surgical resections (REU)</b>	No	\$16,000	\$0	\$16,000	\$16,000
5/2/22 to 1/31/24	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of		100		
Stdnt Schol	Dumevi, Joel					
Stdnt Schol	Fox, Corbin Jacob					
Sum of Department ( <b>Chemical Engineering, Department of</b> ) Award Count: 12.05						\$1,032,769
<b>Civil &amp; Environmental Engineering, Department of</b>						
<b>C-128313-02</b>	<b>Evaluation of the Perpetual Pavement Concept</b>	No	\$8,327	\$4,205	\$12,532	\$12,532
10/14/21 to 10/1/23	U.S. Department of Transportation through Ohio University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Chou, Eddie Yein-Juin	Civil & Environmental Engineering, Department of		100		
Stdnt Schol	Carr, Wendy Michelle					
<b>C-128555-02</b>	<b>Active Early Detection and Diagnosis of HABs with Scalable Biological Treatment Strategies</b>	No	\$398,586	\$67,170	\$465,756	\$326,029
3/22/22 to 3/21/23	U.S. Army Corps of Engineers					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Seo, Youngwoo	Civil & Environmental Engineering, Department of		40		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		30		
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of		30		
<b>C-128815-02</b>	<b>Dormitory wastewater monitoring of SARS-CoV-2 at Universities and Colleges in the State of Ohio</b>	No	\$300,077	\$75,019	\$375,096	\$75,019
7/1/21 to 6/30/22	Ohio Water Resources Center through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Department of		40		
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of		40		
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of		20		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				
<b>N-128993-01</b>	<b>Optimization and Field Validation of a Full-Scale Dissolved Air Flotation System for Small Scale Water Treatment Plants Impacted by Harmful Algal Blooms</b>	No	\$108,423	\$0	\$108,423	\$108,423
7/1/21 to 12/31/23	Ohio Department of Higher Education through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Seo, Youngwoo	Civil & Environmental 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>Civil &amp; Environmental Engineering, Department of</b>						
<b>N-129182-01</b>	<b>State of Ohio wastewater SARS-CoV-2 surveillance</b>	<b>No</b>	<b>\$525,214</b>	<b>\$131,304</b>	<b>\$656,518</b>	<b>\$164,130</b>
<i>7/1/21 to 6/30/22 Centers for Disease Control and Prevention through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			50	
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			25	
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of			25	
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				
Sum of Department (Civil & Environmental Engineering, De						<b>Award Count: 3.15</b>
						<b>\$686,133</b>
<b>Electrical Engineering and Computer Science, Department of</b>						
<b>C-127752-03</b>	<b>Machine Learning and Network Science for Predicting Kidney Transplant Survival</b>	<b>No</b>	<b>\$184,561</b>	<b>\$93,023</b>	<b>\$277,584</b>	<b>\$208,188</b>
<i>8/1/21 to 7/31/22 National Library of Medicine</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of			75	
Co-I	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of			25	
Stdnt Schol	Forche, Lindsey Ann					
Stdnt Schol	Thapa, Prathana					
<b>C-128403-03</b>	<b>Seed Program: Investigation of Power Electronics and Control Systems for Nuclear/Renewable Energy Parks</b>	<b>No</b>	<b>\$109,635</b>	<b>\$55,365</b>	<b>\$165,000</b>	<b>\$108,900</b>
<i>10/1/21 to 9/30/22 U.S. Department of Energy through Idaho National Labs</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science, Department of			33	
Co-I	Heben, Michael J.	Physics and Astronomy, Department of			34	
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of			33	
<b>C-128488-02</b>	<b>CAREER: Model-based Analysis of Dynamic Networks using Continuous-time Network Models</b>	<b>No</b>	<b>\$84,082</b>	<b>\$42,461</b>	<b>\$126,543</b>	<b>\$126,543</b>
<i>5/1/22 to 4/30/23 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of			100	
Stdnt Schol	Clausius, Maxwell G.					
Stdnt Schol	Do, Hung Nghia					
<b>C-128800-02</b>	<b>Plasma Impedance Matching Networks</b>	<b>No</b>	<b>\$115,458</b>	<b>\$58,306</b>	<b>\$173,764</b>	<b>\$173,764</b>
<i>4/25/22 to 1/26/23 U.S. Department of Defense through Lockheed Martin</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Semnani, Abbas	Electrical Engineering and Computer Science, 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>Electrical Engineering and Computer Science, Department of</b>						
<b>C-128818-02</b>	<b>Ultra-wideband and Highly Efficient Plasma-Matched Small HF Antennas</b>	<b>No</b>	<b>\$89,037</b>	<b>\$44,963</b>	<b>\$134,000</b>	<b>\$134,000</b>
<i>1/14/22 to 4/30/24 Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Semnani, Abbas	Electrical Engineering and Computer Science, Department of		100		
<b>C-128819-02</b>	<b>Reconfigurable Plasma Protection against High Power Microwaves</b>	<b>No</b>	<b>\$73,883</b>	<b>\$37,311</b>	<b>\$111,194</b>	<b>\$111,194</b>
<i>5/1/22 to 4/30/24 Office of Naval Research through Purdue University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Semnani, Abbas	Electrical Engineering and Computer Science, Department of		100		
<b>N-128176-01-A1</b>	<b>A large sample machine learning network analysis of vertex cortical thickness measures for high resolution definition of PTSD related cortical structure abnormalities</b>	<b>No</b>	<b>\$150,752</b>	<b>\$74,313</b>	<b>\$225,065</b>	<b>\$112,533</b>
<i>1/17/22 to 12/31/22 National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of		50		
Co-I	Chen, Tian	Mathematics & Statistics, Department of				
Co-I	Shih, Chia Hao	Emergency Medicine				
Co-I	Xie, Hong	Neurosciences, Department of				
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of		50		
<b>N-128651-01</b>	<b>Ultra-High Efficiency Microwave Plasma for Extreme Low-Power Applications</b>	<b>No</b>	<b>\$242,516</b>	<b>\$122,470</b>	<b>\$364,986</b>	<b>\$364,986</b>
<i>7/15/21 to 6/30/24 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Semnani, Abbas	Electrical Engineering and Computer Science, Department of		100		
Stdnt Schol	Lokhandwala, Amina Asgaribhai					
<b>N-128800-01</b>	<b>Plasma Impedance Matching Networks</b>	<b>No</b>	<b>\$116,279</b>	<b>\$58,721</b>	<b>\$175,000</b>	<b>\$175,000</b>
<i>8/31/21 to 1/26/23 U.S. Department of Defense through Lockheed Martin</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Semnani, Abbas	Electrical Engineering and Computer Science, Department of		100		
<b>N-128989-01</b>	<b>"PROMPT: Process for Rapid Optimization and Modeling of Power Transistors."</b>	<b>No</b>	<b>\$112,957</b>	<b>\$57,043</b>	<b>\$170,000</b>	<b>\$170,000</b>
<i>8/12/21 to 9/30/24 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		

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<b>Electrical Engineering and Computer Science, Department of</b>									
<b>N-129270-01</b>	<b>Integrated LIBS-RAMAN-AI System for Real Time, In-Situ Chemical Analysis of MSW Streams</b>			<b>No</b>	<b>\$19,080</b>	<b>\$9,636</b>	<b>\$28,716</b>	<b>\$28,716</b>	
<i>10/1/21 to 4/30/22</i>	<i>U.S. Department of Energy through Lehigh University</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>			
PI/PD	Cheng, Liang	Electrical Engineering and Computer Science, Department of				100			
<b>R-127982-01-101</b>	<b>Assured Digital Microelectronics Education &amp; Training Ecosystem (ADMETE)</b>			<b>No</b>	<b>\$229,907</b>	<b>\$116,103</b>	<b>\$346,010</b>	<b>\$346,010</b>	
<i>7/15/21 to 12/2/23</i>	<i>Air Force Research Laboratory through Wright State University</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>			
PI/PD	Niamat, Mohammed Y.	Electrical Engineering and Computer Science, Department of				85			
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of				15			
<b>T-129194-03</b>	<b>CPS: Breakthrough: Analysis, Identification and Mitigation of Delay Performance Bottlenecks of Network Infrastructure in Cyber-Physical Systems</b>			<b>No</b>	<b>\$128,462</b>	<b>\$31,963</b>	<b>\$160,425</b>	<b>\$160,425</b>	
<i>7/1/21 to 9/30/22</i>	<i>National Science Foundation</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>			
PI/PD	Cheng, Liang	Electrical Engineering and Computer Science, Department of				100			
Sum of Department ( <b>Electrical Engineering and Computer S</b> )								<b>Award Count: 11.91</b>	<b>\$2,220,259</b>
<b>Engineering Technology, Department of</b>									
<b>C-127865-02</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>			<b>No</b>	<b>\$182,919</b>	<b>\$23,081</b>	<b>\$206,000</b>	<b>\$10,300</b>	
<i>8/30/21 to 5/16/23</i>	<i>Dana Corporation</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>			
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of				30			
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering				10			
Co-I	Mugge, William August	Engineering Technology, Department of				5			
Co-I	Relue, Patricia Ann	Bioengineering, Department of				10			
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of				40			
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of				5			
<b>C-127865-02-101</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>			<b>No</b>	<b>\$171,698</b>	<b>\$55,802</b>	<b>\$227,500</b>	<b>\$11,375</b>	
<i>8/30/21 to 5/16/23</i>	<i>Dana Corporation</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>			
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of				30			
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering				10			
Co-I	Mugge, William August	Engineering Technology, Department of				5			
Co-I	Relue, Patricia Ann	Bioengineering, Department of				10			
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of				40			
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of				5			

## Engineering, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Engineering Technology, Department of</b>						
<b>C-127946-02</b>	<b>Choose Ohio First: IMProving Retention and Student Success in Computing (COFIMPRESS-C)</b>	No	\$110,119	\$0	\$110,119	\$110,119
4/1/21 to 3/31/22	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Alaraje, Abdunnasser	Engineering Technology, Department of		100		
<b>C-127946-03</b>	<b>Choose Ohio First: IMProving Retention and Student Success in Computing (COFIMPRESS-C)</b>	No	\$150,178	\$0	\$150,178	\$150,178
4/1/22 to 3/31/23	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Alaraje, Abdunnasser	Engineering Technology, Department of		100		
<b>N-129085-01</b>	<b>RAPIDS 5.0</b>	No	\$333,921	\$0	\$333,921	\$50,088
10/1/21 to 9/30/23	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of		25		
Co-PI	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of		30		
Co-I	Alaraje, Abdunnasser	Engineering Technology, Department of		15		
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of		15		
Co-I	Relue, Patricia Ann	Bioengineering, Department of		15		
<b>N-129173-01</b>	<b>Intelligent and Resilient Structures</b>	No	\$152,826	\$77,177	\$230,003	
12/1/21 to 2/28/23	U.S. Army Corps of Engineers through Eaton Corporation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Lawrence, Joseph G.	Polymer Institute		40		
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of		30		
Co-I	Poorganji, Behrang	Mechanical, Industrial, and Manufacturing Engineering, Department of		25		
Stdnt Schol	Griffin, David					
Stdnt Schol	Mitchell, Brandon Alexander Walc	Engineering Technology, Department of				
Stdnt Schol	Narwekar, Neil S.					
<b>N-129189-01</b>	<b>Using entrepreneurial mindset learning approach to overhaul a senior level fluid mechanics course</b>	No	\$10,000	\$0	\$10,000	\$10,000
10/1/21 to 9/1/22	Kern Family Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Cioc, Carmen	Engineering Technology, Department of		100		
Sum of Department (Engineering Technology, Department						Award Count: 3.25
						\$342,060

## Mechanical, Industrial, and Manufacturing Engineering, 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>Mechanical, Industrial, and Manufacturing Engineering, Department of</b>						
<b>C-127638-03</b>	<b>Mitigation of Snow Formation and Accumulation on Solar Panels of Clearway Energy Group</b>	<b>No</b>	<b>\$79,734</b>	<b>\$40,266</b>	<b>\$120,000</b>	<b>\$120,000</b>
<i>1/1/22 to 12/31/22 Clearway Energy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
<b>C-127707-02</b>	<b>Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway</b>	<b>No</b>	<b>\$40,000</b>	<b>\$3,200</b>	<b>\$43,200</b>	<b>\$2,160</b>
<i>8/1/21 to 7/31/22 National Institute of Biomedical Imaging &amp; Bioengineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of	65			
Co-I	Ayan, Halim	Bioengineering, Department of	10			
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
Co-I	Pappada, Scott Michael	Medical Services 5	5			
Co-I	Rapino, Norman	Research & Sponsored Programs	10			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	5			
<b>C-127865-02</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>	<b>No</b>	<b>\$182,919</b>	<b>\$23,081</b>	<b>\$206,000</b>	<b>\$154,500</b>
<i>8/30/21 to 5/16/23 Dana Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	30			
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering	10			
Co-I	Mugge, William August	Engineering Technology, Department of	5			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	10			
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of	40			
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
<b>C-127865-02-I01</b>	<b>Dana contract: Vehicle Mechatronics Certificate Program</b>	<b>No</b>	<b>\$171,698</b>	<b>\$55,802</b>	<b>\$227,500</b>	<b>\$170,625</b>
<i>8/30/21 to 5/16/23 Dana Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	30			
Co-I	Hefzy, Mohamed Samir	Administration, College of Engineering	10			
Co-I	Mugge, William August	Engineering Technology, Department of	5			
Co-I	Relue, Patricia Ann	Bioengineering, Department of	10			
Co-I	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of	40			
Co-I	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
<b>C-127907-03</b>	<b>IPA Assignment</b>	<b>No</b>	<b>\$300,352</b>	<b>\$0</b>	<b>\$300,352</b>	<b>\$300,352</b>
<i>8/19/21 to 8/18/22 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elahinia, Mohammad	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-128307-03</b>	<b>Compact Gas Turbine Compressor CFD Analysis</b>	No	\$298,588	\$104,721	\$403,309	\$403,309
4/1/22 to 3/31/24 <i>National Aeronautics and Space Administration through HX5, LLC</i>						
<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-128330-03</b>	<b>Compact Gas Turbine Compressor CFD Analysis</b>	No	\$49,433	\$12,851	\$62,284	\$62,284
10/1/21 to 3/31/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128330-04</b>	<b>Compact Gas Turbine Compressor CFD Analysis</b>	No	\$49,605	\$12,897	\$62,502	\$62,502
4/1/22 to 9/30/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128333-04</b>	<b>Experimental and Computational Investigation of Turbine Aerodynamics &amp; Heat Transfer for CGT Power Extraction and High Power Density Core</b>	No	\$28,243	\$7,344	\$35,587	\$35,587
10/1/21 to 3/31/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128334-03</b>	<b>Advanced Computational Tools for the Simulation of Multistage Turbomachinery in Support of Aero propulsion</b>	No	\$132,405	\$34,425	\$166,830	\$166,830
10/1/21 to 3/31/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128334-04</b>	<b>Advanced Computational Tools for the Simulation of Multistage Turbomachinery in Support of Aero propulsion</b>	No	\$49,605	\$12,897	\$62,502	\$62,502
4/1/22 to 9/30/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128335-03</b>	<b>Analysis for Future Aircraft Propulsion Systems</b>	No	\$87,983	\$22,876	\$110,859	\$110,859
10/1/21 to 3/31/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128335-04</b>	<b>Analysis for Future Aircraft Propulsion Systems</b>	No	\$87,435	\$22,733	\$110,168	\$110,168
4/1/22 to 9/30/22 <i>NASA John H. Glenn Research Center at Lewis Field through HX5, 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	



# 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-128351-03</b>	<b>High Temperature Materials &amp; Coatings for Extreme Environments</b>	No	\$77,771	\$20,221	\$97,992	\$97,992
4/1/22 to 9/30/22	NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128352-03</b>	<b>Nondestructive Evaluation for Aerospace Materials &amp; Structures</b>	No	\$278,045	\$72,292	\$350,337	\$350,337
4/1/22 to 3/31/24	NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128353-04</b>	<b>Advanced Microscopy and Microstructural Analysis</b>	No	\$470,401	\$122,304	\$592,705	\$592,705
4/1/22 to 3/31/24	NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128354-03</b>	<b>Analysis and Testing of Advanced Materials &amp; Structures</b>	No	\$96,040	\$24,969	\$121,009	\$121,009
10/1/21 to 3/31/22	NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128354-04</b>	<b>Analysis and Testing of Advanced Materials &amp; Structures</b>	No	\$407,514	\$105,954	\$513,468	\$513,468
4/1/22 to 3/31/24	NASA John H. Glenn Research Center at Lewis Field through HX5, 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-128423-02</b>	<b>Business Waste Reduction Assistance Program</b>	No	\$81,818	\$8,182	\$90,000	\$90,000
1/1/22 to 12/31/22	Lucas County Solid Waste Division					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Stdnt Schol	Kalita, Neelnayana					
<b>C-128719-02</b>	<b>Choose Ohio for Data, Environment, Energy, Entrepreneurialism and Sustainability (COD3ES)</b>	No	\$152,880	\$0	\$152,880	\$152,880
5/1/22 to 6/30/26	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>C-128877-02</b>	<b>EML-Infused Cooperative Education: A Collaboration between Students, Faculty, and Industry</b>	No	\$134,000	\$0	\$134,000	\$134,000
5/11/22 to 5/10/23	Kern Family Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Franchetti, Matthew J.	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-129183-02</b>	<b>Hot Air Tunnel (HAT Program)</b>	No	\$298,749	\$138,364	\$437,113	\$205,443
4/13/22 to 1/31/23	U.S. Department of the Army through Teledyne Brown Engineering					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Huebner, Steven Roy	Mechanical, Industrial, and Manufacturing Engineering, Department of			40	
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Co-I	Mason, Mark R.	Chemistry and Biochemistry, Department of			53	
Co-I	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing Engineering, Department of			2	
<b>D-128353-03</b>	<b>Advanced Microscopy and Microstructural Analysis</b>	No	\$(103,124)	\$(26,812)	\$(129,936)	\$(129,936)
10/1/21 to 3/31/22	NASA John H. Glenn Research Center at Lewis Field through HX5, 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>N-128329-01</b>	<b>NSF I-Corps Hub: Great Lakes Region</b>	No	\$57,601	\$9,256	\$66,857	\$66,857
1/1/22 to 12/31/22	National Science Foundation through University of Michigan					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Dir Ctr/Inst	Rapino, Norman	Research & Sponsored Programs				
<b>N-129048-01</b>	<b>Shape Memory Alloys for Additive Manufacturing of Advanced Defense and Aerospace Functional Components</b>	No	\$2,212,411	\$290,092	\$2,502,503	\$2,502,503
8/23/21 to 9/30/23	U.S. Department of Energy through Battelle Memorial Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			50	
Co-PI	Trease, Brian	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of			10	
Co-I	Poorganji, Behrang	Mechanical, Industrial, and Manufacturing Engineering, Department of			25	
Co-I	Qattawi, Ala Abdel Latef	Mechanical, Industrial, and Manufacturing Engineering, Department of			10	
<b>N-129085-01</b>	<b>RAPIDS 5.0</b>	No	\$333,921	\$0	\$333,921	\$150,264
10/1/21 to 9/30/23	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of			25	
Co-PI	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of			30	
Co-I	Alaraje, Abdunnasser	Engineering Technology, Department of			15	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			15	
Co-I	Relue, Patricia Ann	Bioengineering, Department of			15	

## 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>N-129086-01</b>	<b>Dana AM Research</b>	<b>No</b>	<b>\$44,656</b>	<b>\$22,551</b>	<b>\$67,207</b>	<b>\$60,486</b>
<i>7/15/21 to 12/31/22 Dana Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Schroeder, Adam Michael	Mechanical, Industrial, and Manufacturing Engineering, Department of			70	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			10	
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Co-I	Lawrence, Joseph G.	Chemical Engineering, Department of			10	
Co-I	Qattawi, Ala Abdel Latif	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Stdnt Schol	Dabbaghi, Hediyyeh					
<b>N-129173-01</b>	<b>Intelligent and Resilient Structures</b>	<b>No</b>	<b>\$152,826</b>	<b>\$77,177</b>	<b>\$230,003</b>	<b>\$138,002</b>
<i>12/1/21 to 2/28/23 U.S. Army Corps of Engineers through Eaton Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lawrence, Joseph G.	Polymer Institute			40	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of			30	
Co-I	Poorganji, Behrang	Mechanical, Industrial, and Manufacturing Engineering, Department of			25	
Stdnt Schol	Griffin, David					
Stdnt Schol	Mitchell, Brandon Alexander Walc	Engineering Technology, Department of				
Stdnt Schol	Narwekar, Neil S.					
<b>N-129183-01</b>	<b>Hot Air Tunnel (HAT Program)</b>	<b>No</b>	<b>\$250,605</b>	<b>\$117,280</b>	<b>\$367,885</b>	<b>\$198,658</b>
<i>8/2/21 to 6/30/22 U.S. Department of the Army through Teledyne Brown Engineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Huebner, Steven Roy	Mechanical, Industrial, and Manufacturing Engineering, Department of			46	
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of			8	
Co-I	Mason, Mark R.	Chemistry and Biochemistry, Department of			46	
<b>N-129206-01</b>	<b>Determining the Effects of Airway Stiffness on Pulmonary Air-Particle Dynamics using a CFD-based Elastic Lung Model</b>	<b>No</b>	<b>\$2,326</b>	<b>\$1,174</b>	<b>\$3,500</b>	<b>\$3,500</b>
<i>7/1/21 to 6/30/22 National Science Foundation through Oklahoma State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Amili, Omid	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>N-129494-01</b>	<b>Thermal analysis and modeling of systems for space applications</b>	<b>No</b>	<b>\$12,960</b>	<b>\$0</b>	<b>\$12,960</b>	<b>\$12,960</b>
<i>1/1/22 to 12/31/22 Ohio Aerospace Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Gupta, Anju R.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Stdnt Schol	Bender, Nathanael John					
Stdnt Schol	Pohlman, Evyn Amos					

## 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-129576-01</b>	<b>Prevention of Snow Accumulation and Facilitating Its Removal</b>	No	\$45,000	\$5,000	\$50,000	\$50,000
<i>5/1/22 to 10/31/22 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
<b>N-129616-01</b>	<b>Additive Manufacturing for Fe-based SMA Fabrication and Development</b>	No	\$42,177	\$0	\$42,177	\$42,177
<i>6/1/22 to 12/31/22 ArcelorMittal Steel</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Qattawi, Ala Abdel Latef	Mechanical, Industrial, and Manufacturing Engineering, Department of			95	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
<b>N-129686-01</b>	<b>Choose Ohio First - Academic Success through Corporate Engagement, Networking, and Training (COF – ASCENT) Program</b>	No	\$63,840	\$0	\$63,840	\$63,840
<i>5/1/22 to 6/30/23 Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Berhan, Lesley	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Sum of Department ( <b>Mechanical, Industrial, and Manufactu</b> )						Award Count: <b>30.51</b>
						<b>\$7,178,824</b>
<b>Polymer Institute</b>						
<b>C-122172-10</b>	<b>Industrial Consortium for Poly(ethylene terephthalate), PET</b>	No	\$211,458	\$67,667	\$279,125	\$279,125
<i>7/1/21 to 6/30/22 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			100	
Stdnt Schol	Kalbfliesh, Brandon	Polymer Institute				
<b>C-129244-01-101</b>	<b>Copolymerization of PET with FDCA</b>	No	\$64,151	\$20,849	\$85,000	\$85,000
<i>8/6/21 to 7/31/22 Micromidas, Inc., dba Origin Materials</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lawrence, Joseph G.	Polymer Institute			100	
Stdnt Schol	Harger, Jonathon Chance					
<b>N-129173-01</b>	<b>Intelligent and Resilient Structures</b>	No	\$152,826	\$77,177	\$230,003	\$92,001
<i>12/1/21 to 2/28/23 U.S. Army Corps of Engineers through Eaton Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lawrence, Joseph G.	Polymer Institute			40	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			5	
Co-I	Haghshenas, Meysam	Mechanical, Industrial, and Manufacturing Engineering, Department of			30	
Co-I	Poorganji, Behrang	Mechanical, Industrial, and Manufacturing Engineering, Department of			25	
Stdnt Schol	Griffin, David					
Stdnt Schol	Mitchell, Brandon Alexander Walc	Engineering Technology, Department of				
Stdnt Schol	Narwekar, Neil S.					

## 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>Polymer Institute</b>						
<b>N-129244-01</b>	<b>Copolymerization of PET with FDCA</b>	<b>No</b>	<b>\$7,594</b>	<b>\$2,468</b>	<b>\$10,062</b>	<b>\$10,062</b>
<i>8/6/21 to 7/31/22</i>		<i>Micromidas, Inc., dba Origin Materials</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Polymer Institute	100			
<b>N-129722-01</b>	<b>Technical Services Agreement: Recovery of polypropylene from waste plastics</b>	<b>No</b>	<b>\$11,669</b>	<b>\$3,792</b>	<b>\$15,461</b>	<b>\$12,369</b>
<i>6/1/22 to 5/31/24</i>		<i>Basell USA, Inc.</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lawrence, Joseph G.	Polymer Institute	80			
Co-I	Viamajala, Sridhar	Chemical Engineering, Department of	20			
Sum of Department ( <b>Polymer Institute</b> )			Award Count: <b>4.20</b>		<b>\$478,557</b>	
Sum of College ( <b>Engineering, College of</b> )			Award Count: <b>76.77</b>		<b>\$12,752,413</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>Department of Exercise Rehab Sciences</b>						
<b>C-128410-02</b>	<b>NSF Graduate Research Fellowship Program</b>	<b>No</b>	<b>\$46,000</b>	<b>\$0</b>	<b>\$46,000</b>	<b>\$46,000</b>
<i>8/1/21 to 7/31/22</i>		<i>National Science Foundation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Scheuermann, Barry William	Department of Exercise Rehab Sciences	100			
<b>N-128891-01</b>	<b>Effect of Focus of Attention on Brain Activity and Motor Performance Following ACL Reconstruction</b>	<b>No</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>7/1/21 to 9/30/22</i>		<i>American College of Sports Medicine Foundation</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Norte, Grant Edward	Department of Exercise Rehab Sciences	100			
<b>N-128954-01-A1</b>	<b>The Influence of Training Loads on Running-Related Injuries in High School Cross-Country Runners: A Prospective Study</b>	<b>No</b>	<b>\$49,962</b>	<b>\$6,294</b>	<b>\$56,256</b>	<b>\$28,128</b>
<i>5/22/22 to 6/30/23</i>		<i>National Athletic Trainers' Association</i>				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bazett-Jones, David Matthew	Department of Exercise Rehab Sciences	50			
Co-I	Toland, Michael	Dean-Education	50			

## 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>Department of Exercise Rehab Sciences</b>								
<b>N-129109-01</b>	<b>Do cognitive and motor brain function associate with the biomechanical dual-cost during double-limb landing?</b>		<b>No</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$1,000</b>	<b>\$1,000</b>	
<i>7/1/21 to 8/30/22 Great Lakes Athletic Trainers' Association</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Norte, Grant Edward	Department of Exercise Rehab Sciences				100		
<b>N-129128-01</b>	<b>Lumbopelvic training and biomechanical risk factors for injury</b>		<b>No</b>	<b>\$2,500</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<i>9/1/21 to 8/31/23 Great Lakes Athletic Trainers' Association</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Murray, Amanda Megan	Department of Exercise Rehab Sciences				100		
<b>N-129572-01</b>	<b>Influence of Neurocognitive Performance on Dual Task Cost in Individuals with Anterior Cruciate Ligament Reconstruction</b>		<b>No</b>	<b>\$2,500</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<i>5/22/22 to 5/31/23 National Athletic Trainers' Association</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Norte, Grant Edward	Department of Exercise Rehab Sciences				100		
Sum of Department ( <b>Department of Exercise Rehab Scienc</b> )							Award Count: <b>5.50</b>	<b>\$85,128</b>
<b>Department of Population Health</b>								
<b>C-101313-16</b>	<b>NIOSH Training Grant Project: Industrial Hygiene-UniversityToledo</b>		<b>No</b>	<b>\$80,521</b>	<b>\$6,442</b>	<b>\$86,963</b>	<b>\$86,963</b>	
<i>7/1/21 to 6/30/22 National Institute for Occupational Safety and Health</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Ames, April L.	Department of Population Health				100		
<b>N-127802-01-A1</b>	<b>Centriolar Biomarkers of Bull Sperm</b>		<b>No</b>	<b>\$350,003</b>	<b>\$149,997</b>	<b>\$500,000</b>	<b>\$10,000</b>	
<i>7/1/21 to 6/30/24 U.S. Department of Agriculture</i>								
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of				96		
Co-I	Kirschbaum, Kristin	Instrumentation Center				2		
Co-I	Saltzman, Barbara	Department of Population Health				2		
Stdnt Schol	Gupta, Neha Suresh							

## Health & Human Services, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Department of Population Health</b>						
<b>N-128565-01</b>	<b>Distance Education and Training on Emerging Contaminants and Technologies (DETECT)</b>	No	\$50,951	\$4,076	\$55,027	\$55,027
<i>9/22/21 to 8/31/22 National Institute of Environmental Health Sciences through Purdue University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ames, April L.	Department of Population Health		40		
Co-I	Dwyer, Daryl	Environmental Sciences, Department of				
Co-I	Haller, Steven T.	Medicine, Department of				
Co-I	Kennedy, David Joseph	Medicine, Department of				
Co-I	Milz, Sheryl A.	Department of Population Health		20		
Co-I	Saltzman, Barbara	Department of Population Health		20		
Co-I	Valigosky, Michael	Department of Population Health		20		
<b>N-128921-01</b>	<b>Addressing Implicit Bias and Cultural Humility in Healthcare through Cinematic Virtual Reality (MES)</b>	No	\$544,873	\$54,487	\$599,360	\$59,936
<i>7/1/21 to 8/31/22 Centers for Medicare and Medicaid Services through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Dworkin, Lance	Medicine, Department of		60		
Co-I	Clark, Madeline Elizabeth	School of Intervention & Wellness		10		
Co-I	Day, Allyson Lesley	Women's & Gender Studies, Department of		10		
Co-I	Monteleone, Rebecca Garnet	Disability Studies Program		10		
Co-I	Singh, Shipra	Department of Population Health		10		
Dir Ctr/Inst	McCarthy, Diane M.	Medicine, Department of				
<b>N-129170-01</b>	<b>IPA Assignment</b>	No	\$26,700	\$0	\$26,700	\$26,700
<i>8/30/21 to 1/15/23 National Institute for Occupational Safety and Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Milz, Sheryl A.	Department of Population Health		100		
<b>N-129490-01</b>	<b>Role of telehealth in improving maternal and infant health outcomes</b>	No	\$113,636	\$11,364	\$125,000	\$125,000
<i>4/1/21 to 3/31/23 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	Polavarapu, Mounika	Department of Population Health		50		
Co-I	Singh, Shipra	Department of Population Health		50		
<b>N-129555-01</b>	<b>Health Equity Evaluation of the Health Department</b>	No	\$39,545	\$3,955	\$43,500	\$43,500
<i>4/1/22 to 12/31/22 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	Singh, Shipra	Department of Population Health		50		
Co-I	Polavarapu, Mounika	Department of Population Health		50		
Stdnt Schol	McCarthy, Krista L.					

## 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>Department of Population Health</b>						
<b>R-124040-06</b>	<b>Health Promotion Coach Agreement</b>	<b>No</b>	<b>\$81,497</b>	<b>\$8,150</b>	<b>\$89,647</b>	<b>\$89,647</b>
<i>6/1/22 to 5/31/25 Board of County (Lucas) Commissioners</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dake, Joseph	Department of Population Health	100			
Sum of Department ( <b>Department of Population Health</b> ) Award Count: <b>6.12</b>						<b>\$496,773</b>
<b>Occupational Therapy Program</b>						
<b>C-127788-03</b>	<b>Project Prepare</b>	<b>No</b>	<b>\$231,481</b>	<b>\$18,519</b>	<b>\$250,000</b>	<b>\$125,000</b>
<i>10/1/21 to 9/30/22 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	50			
Co-I	Metz, Alexia E.	Occupational Therapy Program	50			
<b>N-129342-01</b>	<b>United States Naval Community College</b>	<b>No</b>	<b>\$500</b>	<b>\$0</b>	<b>\$500</b>	<b>\$500</b>
<i>7/23/20 to 7/22/23 U.S. Department of the Navy</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>1.50</b>						<b>\$125,500</b>
<b>School of Intervention &amp; Wellness</b>						
<b>N-128921-01</b>	<b>Addressing Implicit Bias and Cultural Humility in Healthcare through Cinematic Virtual Reality (MES)</b>	<b>No</b>	<b>\$544,873</b>	<b>\$54,487</b>	<b>\$599,360</b>	<b>\$59,936</b>
<i>7/1/21 to 8/31/22 Centers for Medicare and Medicaid Services through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dworkin, Lance	Medicine, Department of	60			
Co-I	Clark, Madeline Elizabeth	School of Intervention & Wellness	10			
Co-I	Day, Allyson Lesley	Women's & Gender Studies, Department of	10			
Co-I	Monteleone, Rebecca Garnet	Disability Studies Program	10			
Co-I	Singh, Shipra	Department of Population Health	10			
Dir Ctr/Inst	McCarthy, Diane M.	Medicine, Department of				
<b>N-129660-01</b>	<b>Mobile Academic Reading Clinic (Statewide Mathematics and Literacy Tutoring)</b>	<b>No</b>	<b>\$364,747</b>	<b>\$71,813</b>	<b>\$436,560</b>	<b>\$436,560</b>
<i>5/27/22 to 6/30/24 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	Reynolds, Jennifer Lynn	School of Intervention & Wellness	100			
Sum of Department ( <b>School of Intervention &amp; Wellness</b> ) Award Count: <b>1.10</b>						<b>\$496,496</b>
<b>School of Social Justice</b>						



# Health & Human Services, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>School of Social Justice</b>						
<b>C-124919-08-I01</b>	<b>Healthy Start Initiative: Eliminating Racial/Ethnic Disparities</b>	No	\$13,636	\$1,364	\$15,000	\$15,000
1/1/22 to 3/31/23 <i>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>C-124919-09</b>	<b>Healthy Start Initiative: Eliminating Racial/Ethnic Disparities</b>	No	\$44,545	\$4,455	\$49,000	\$49,000
4/1/22 to 3/31/23 <i>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>C-127439-03</b>	<b>Human Trafficking ECMC Foundation</b>	No	\$110,075	\$11,008	\$121,083	\$121,083
5/1/21 to 12/31/22 <i>Educational Credit Management Corporation Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
Co-I	Guardiola, Louis	School of Social Justice				
Co-I	Knabbs, Ladonna Denise	School of Social Justice				
<b>C-128034-02</b>	<b>Focus on Runaways</b>	No	\$65,390	\$0	\$65,390	\$65,390
2/1/21 to 1/31/22 <i>U.S. Department of Justice through Ohio Office of Criminal Justice Services</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
<b>C-128477-02</b>	<b>COSSAP Evaluation</b>	No	\$36,226	\$11,774	\$48,000	\$48,000
10/1/21 to 9/30/22 <i>U.S. Department of Justice through Lucas County Sheriff's Office</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
<b>N-129064-01</b>	<b>Getting Healthy Zone Infant Vitality Project</b>	No	\$8,696	\$1,304	\$10,000	\$10,000
7/1/21 to 6/30/22 <i>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	100			
<b>N-129151-01</b>	<b>PATH Project - Rockefeller</b>	No	\$50,000	\$0	\$50,000	\$50,000
7/1/21 to 12/30/22 <i>Hostetler/Wrigley Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Williamson, Celia	School of Social Justice	100			
Co-I	Cutcher, Ashley Lynn					
<b>N-129299-01</b>	<b>HUB Replication Evaluation</b>	No	\$13,043	\$1,957	\$15,000	\$15,000
1/1/22 to 12/31/22 <i>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	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 Social Justice</b>						
<b>R-109685-10</b>	<b>Child Welfare Workforce Professional Education Program</b>	<b>No</b>	<b>\$103,550</b>	<b>\$0</b>	<b>\$103,550</b>	<b>\$103,550</b>
<i>7/21/21 to 6/30/22</i>	<i>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	
Sum of Department ( <b>School of Social Justice</b> )			Award Count: <b>9.00</b>		<b>\$477,023</b>	
Sum of College ( <b>Health &amp; Human Services, College of</b> )			Award Count: <b>23.22</b>		<b>\$1,680,920</b>	

**Law, 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>Law, College of</b>						
<b>N-129205-01</b>	<b>The University of Toledo Low Income Taxpayer Clinic</b>	<b>No</b>	<b>\$75,472</b>	<b>\$24,528</b>	<b>\$100,000</b>	<b>\$100,000</b>
<i>1/1/22 to 12/31/22</i>	<i>U.S. Department of the Treasury</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Bourell, Christopher L.	Law, College of			100	
Sum of Department ( <b>Law, College of</b> )			Award Count: <b>1.00</b>		<b>\$100,000</b>	
Sum of College ( <b>Law, College of</b> )			Award Count: <b>1.00</b>		<b>\$100,000</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>Medical Services 5</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>Medical Services 5</b>						
<b>C-127707-02</b>	<b>Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway</b>	<b>No</b>	<b>\$40,000</b>	<b>\$3,200</b>	<b>\$43,200</b>	<b>\$2,160</b>
<i>8/1/21 to 7/31/22</i>	<i>National Institute of Biomedical Imaging &amp; Bioengineering</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of		65		
Co-I	Ayan, Halim	Bioengineering, Department of		10		
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
Co-I	Pappada, Scott Michael	Medical Services 5		5		
Co-I	Rapino, Norman	Research & Sponsored Programs		10		
Co-I	Relue, Patricia Ann	Bioengineering, Department of		5		
Sum of Department ( <b>Medical Services 5</b> )				Award Count: <b>0.05</b>		<b>\$2,160</b>
Sum of College ( <b>Medical Services</b> )				Award Count: <b>0.05</b>		<b>\$2,160</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>C-010336-28</b>	<b>AHEC Point of Service Maintenance and Enhancement</b>	<b>No</b>	<b>\$1,322,104</b>	<b>\$9,896</b>	<b>\$1,332,000</b>	<b>\$1,332,000</b>
<i>9/1/21 to 8/31/22</i>	<i>Health Resources &amp; Services Administration</i>					
<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>\$1,332,000</b>

## Anesthesiology, Department of

<b>N-128612-01</b>	<b>nXcomms: Intelligent Patient Simulation Platform</b>	<b>No</b>	<b>\$78,173</b>	<b>\$42,605</b>	<b>\$120,778</b>	<b>\$114,739</b>
<i>5/15/22 to 9/23/22</i>	<i>U.S. Army Engineer Research and Development Center through BioMojo, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of		90		
Co-I	Aouthmany, Shaza M.	Emergency Medicine		5		
Co-I	Sparkle, Tanaya	Anesthesiology, Department of		5		

## 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-128958-01</b>	<b>Interactive Game-Based Virtual Patient Encounters with Adaptive Training/Education</b>		<b>No</b>	<b>\$171,975</b>	<b>\$17,198</b>	<b>\$189,173</b>	<b>\$179,714</b>
<i>7/1/21 to 6/30/22</i>	<i>Centers for Medicare and Medicaid Services through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of				85	
Co-I	Aouthmany, Shaza M.	Emergency Medicine				5	
Co-I	Casabianca, Andrew	Anesthesiology, Department of				5	
Co-I	Jenkins, Kimberly D.	Anesthesiology, Department of				5	
<b>N-129287-01</b>	<b>Prediction of Relapse in Opioid Addiction via a Novel Wearable Technology (PreLapse)</b>		<b>No</b>	<b>\$225,443</b>	<b>\$122,867</b>	<b>\$348,310</b>	<b>\$174,155</b>
<i>4/13/22 to 6/30/23</i>	<i>Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of				50	
Co-I	Cameron, Brent D.	Bioengineering, Department of				35	
Co-I	Duggan, Joan	Medicine, Department of				5	
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of				5	
Co-I	Singh, Tanvir	Psychiatry, Department of				5	
Sum of Department ( <b>Anesthesiology, Department of</b> ) Award Count: <b>2.40</b>							<b>\$468,608</b>
<b>Cell &amp; Cancer Biology, Department of</b>							
<b>C-126620-04</b>	<b>Role of reduced nitric oxide in ECM stiffening for breast cancer initiation</b>		<b>No</b>	<b>\$165,000</b>	<b>\$33,000</b>	<b>\$198,000</b>	<b>\$198,000</b>
<i>1/1/22 to 12/31/22</i>	<i>American Cancer Society - National</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Furuta, Saori	Cell & Cancer Biology, Department of				100	
<b>C-127458-05</b>	<b>Molecular targeting the translational control axis in Wnt/<math>\beta</math>-catenin signaling pathway</b>		<b>No</b>	<b>\$228,750</b>	<b>\$123,173</b>	<b>\$351,923</b>	<b>\$351,923</b>
<i>8/1/21 to 7/31/22</i>	<i>National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Zhang, Jian-Ting	Cell & Cancer Biology, Department of				100	
Co-I	Liu, JingYuan	Cell & Cancer Biology, Department of					
<b>C-127667-04</b>	<b>Effective targeting surviving dimerization interface with small molecule inhibitors</b>		<b>No</b>	<b>\$223,450</b>	<b>\$121,780</b>	<b>\$345,230</b>	<b>\$138,092</b>
<i>6/1/22 to 5/31/23</i>	<i>National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Liu, JingYuan	Medicine, Department of				60	
Co-I	Zhang, Jian-Ting	Cell & Cancer Biology, Department of				40	
Stdnt Schol	Nguyen, Dylan Quang Rithik						

## 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>Cell &amp; Cancer Biology, Department of</b>							
<b>C-127728-03</b>	<b>Normalizing arginine metabolism with sepiapterin for immunostimulatory-shift of HER2+ breast cancer</b>		<b>No</b>	<b>\$205,875</b>	<b>\$112,202</b>	<b>\$318,077</b>	<b>\$318,077</b>
<i>3/1/22 to 2/28/23 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Furuta, Saori	Cell & Cancer Biology, Department of				100	
<b>C-127728-03-I01</b>	<b>Normalizing arginine metabolism with sepiapterin for immunostimulatory-shift of HER2+ breast cancer</b>		<b>No</b>	<b>\$18,300</b>	<b>\$9,973</b>	<b>\$28,273</b>	<b>\$28,273</b>
<i>3/1/22 to 2/28/23 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Furuta, Saori	Cell & Cancer Biology, Department of				100	
<b>C-127796-05</b>	<b>ATR Isomerization in Cellular Responses to UV Damage of DNA</b>		<b>No</b>	<b>\$228,749</b>	<b>\$124,668</b>	<b>\$353,417</b>	<b>\$353,417</b>
<i>8/1/21 to 7/31/22 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Zou, Yue	Cell & Cancer Biology, Department of				100	
Co-I	Liu, JingYuan	Cell & Cancer Biology, Department of					
<b>C-128276-02</b>	<b>Metastatin Analogs for the Treatment of Metabolic Diseases</b>		<b>No</b>	<b>\$174,451</b>	<b>\$15,126</b>	<b>\$189,577</b>	<b>\$66,352</b>
<i>7/5/21 to 7/4/23 State University of New York Downstate Medical Center</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Erhardt, Paul W.	Medicinal and Biological Chemistry, Department of				65	
Co-I	Liu, Shi-He	Cell & Cancer Biology, Department of				35	
<b>C-128364-04</b>	<b>Influence of bone microenvironment on drug resistance in prostate cancer bone metastasis</b>		<b>No</b>	<b>\$205,875</b>	<b>\$112,202</b>	<b>\$318,077</b>	<b>\$318,077</b>
<i>1/1/22 to 12/31/22 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Li, Xiaohong	Cell & Cancer Biology, Department of				100	
<b>C-128364-04-I01</b>	<b>Influence of bone microenvironment on drug resistance in prostate cancer bone metastasis</b>		<b>No</b>	<b>\$18,300</b>	<b>\$9,973</b>	<b>\$28,273</b>	<b>\$28,273</b>
<i>1/1/22 to 12/31/22 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Li, Xiaohong	Cell & Cancer Biology, 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>Cell &amp; Cancer Biology, Department of</b>							
<b>N-128271-01-A1</b>	<b>Targeting of eIF4A along with immunotherapy to overcome chemoresistance</b>		<b>No</b>	<b>\$140,250</b>	<b>\$76,436</b>	<b>\$216,686</b>	<b>\$197,184</b>
<i>1/1/22 to 12/31/23 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Raman, Dayanidhi	Cell & Cancer Biology, Department of				91	
Co-I	Hamouda, Danae M.	Medicine, Department of				2	
Co-I	Khuder, Sadik	Medicine, Department of				2	
Co-I	Stanoszek, Lauren Michele	Pathology, Department of				2	
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of				3	
<b>N-129026-01</b>	<b>A transcription-independent role of HSF1 in tumorigenesis via suppression of AMPK</b>		<b>No</b>	<b>\$149,965</b>	<b>\$11,997</b>	<b>\$161,962</b>	<b>\$161,962</b>
<i>7/6/21 to 6/30/22 National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Su, Kuo-Hui	Cell & Cancer Biology, Department of				100	
Sum of Department ( <b>Cell &amp; Cancer Biology, Department of</b> ) Award Count: <b>9.66</b>							<b>\$2,159,630</b>
<b>Emergency Medicine</b>							
<b>N-128176-01-A1</b>	<b>A large sample machine learning network analysis of vertex cortical thickness measures for high resolution definition of PTSD related cortical structure abnormalities</b>		<b>No</b>	<b>\$150,752</b>	<b>\$74,313</b>	<b>\$225,065</b>	
<i>1/17/22 to 12/31/22 National Institute of Mental Health</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Wang, Xin	Psychiatry, Department of				50	
Co-I	Chen, Tian	Mathematics & Statistics, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					
Co-I	Xie, Hong	Neurosciences, Department of					
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of				50	
<b>N-128479-01-A1</b>	<b>Using pre-pandemic baseline data in people with and without PTSD to study effects of the COVID-19 pandemic on mental health and brain emotion circuits</b>		<b>No</b>	<b>\$150,000</b>	<b>\$74,288</b>	<b>\$224,288</b>	
<i>3/3/22 to 2/28/23 National Institute of Mental Health</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Wang, Xin	Psychiatry, Department of				50	
PI/PD	Xie, Hong	Neurosciences, Department of				50	
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					

## 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>Emergency Medicine</b>						
<b>N-128612-01</b>	<b>nXcomms: Intelligent Patient Simulation Platform</b>	<b>No</b>	<b>\$78,173</b>	<b>\$42,605</b>	<b>\$120,778</b>	<b>\$6,039</b>
<i>5/15/22 to 9/23/22 U.S. Army Engineer Research and Development Center through BioMojo, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	90			
Co-I	Aouthmany, Shaza M.	Emergency Medicine	5			
Co-I	Sparkle, Tanaya	Anesthesiology, Department of	5			
<b>N-128958-01</b>	<b>Interactive Game-Based Virtual Patient Encounters with Adaptive Training/Education</b>	<b>No</b>	<b>\$171,975</b>	<b>\$17,198</b>	<b>\$189,173</b>	<b>\$9,459</b>
<i>7/1/21 to 6/30/22 Centers for Medicare and Medicaid Services through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of	85			
Co-I	Aouthmany, Shaza M.	Emergency Medicine	5			
Co-I	Casabianca, Andrew	Anesthesiology, Department of	5			
Co-I	Jenkins, Kimberly D.	Anesthesiology, Department of	5			
Sum of Department (Emergency Medicine) Award Count: 0.10						<b>\$15,498</b>
<b>Family Medicine, Department of</b>						
<b>N-126701-01</b>	<b>Choose Ohio First: PCMH</b>	<b>Yes</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$7,500</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	Schaefer, Paul L.	Resid Prgm-Family Practice	75			
Co-PI	Hickey, Daniel	Family Medicine, Department of	25			
Stdnt Schol	Ingram, Evan Miles					
Stdnt Schol	Miniato, Mohammed A.					
Stdnt Schol	Najjar, Amira Amanda					
Stdnt Schol	Saleh, Hanan Ahmed					
Stdnt Schol	Sims, Ariel B.					
Stdnt Schol	Soni, Jalpa Shivam					
Sum of Department (Family Medicine, Department of) Award Count: 0.25						<b>\$7,500</b>
<b>Med Microbiology &amp; Immunology, Department of</b>						
<b>C-126083-04</b>	<b>The role of platelets in oral candidiasis</b>	<b>No</b>	<b>\$240,971</b>	<b>\$131,329</b>	<b>\$372,300</b>	<b>\$186,150</b>
<i>1/1/22 to 12/31/22 National Institute of Dental and Craniofacial Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of	50			
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of	50			

## Medicine and Life Sciences, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Med Microbiology &amp; Immunology, Department of</b>						
<b>C-126083-04-I01</b>	<b>The role of platelets in oral candidiasis</b>	No	\$24,096	\$13,133	\$37,229	\$18,615
1/1/22 to 12/31/22 <i>National Institute of Dental and Craniofacial Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of	50			
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of	50			
<b>C-126987-03</b>	<b>Transcriptional and non-transcriptional functions of IRF3 in ALD</b>	No	\$22,020	\$12,001	\$34,021	\$34,021
7/1/21 to 6/30/23 <i>National Institutes of Health through Cleveland Clinic</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	100			
<b>C-127300-02</b>	<b>Evaluation of alternative complement activity within an ARDS cohort</b>	No	\$8,078	\$4,403	\$12,481	\$12,481
8/9/20 to 7/31/22 <i>National Heart, Lung &amp; Blood Institute through University of Pittsburgh</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-127752-03</b>	<b>Machine Learning and Network Science for Predicting Kidney Transplant Survival</b>	No	\$184,561	\$93,023	\$277,584	\$69,396
8/1/21 to 7/31/22 <i>National Library of Medicine</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of	75			
Co-I	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of	25			
Stdnt Schol	Forche, Lindsey Ann					
Stdnt Schol	Thapa, Prathana					
<b>C-127936-03</b>	<b>Understanding the proviral role for TRAF6 interaction with the viral protease in flavivirus replication and pathogenesis</b>	No	\$250,000	\$136,250	\$386,250	\$386,250
5/1/22 to 4/30/23 <i>National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Taylor, Roger Travis	Med Microbiology & Immunology, Department of	100			
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of				
<b>C-128170-02</b>	<b>Anti-Inflammatory Functions of Non-Transcriptional IRF3</b>	No	\$310,051	\$154,808	\$464,859	\$441,616
2/1/22 to 1/31/23 <i>National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	95			
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of	5			
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				



## Medicine and Life Sciences, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Med Microbiology &amp; Immunology, Department of</b>						
<b>C-128172-02</b>	<b>Using Microcystin Degrading Bacteria and their Enzymes for Water Treatment</b>	No	\$222,987	\$121,528	\$344,515	\$327,289
<i>9/1/21 to 8/31/22 National Oceanic and Atmospheric Administration</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of	95		
	Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5		
<b>C-128172-03</b>	<b>Using Microcystin Degrading Bacteria and their Enzymes for Water Treatment</b>	No	\$240,438	\$131,039	\$371,477	\$352,903
<i>9/1/21 to 8/31/23 National Oceanic and Atmospheric Administration</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of	95		
	Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5		
<b>C-128316-04</b>	<b>Dissecting catalytic and regulatory functions of nonsegmented negative strand RNA viral polymerases</b>	No	\$225,000	\$122,625	\$347,625	\$347,625
<i>6/1/22 to 5/31/23 National Institute of Allergy &amp; Infectious Diseases</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Ogino, Tomoaki	Med Microbiology & Immunology, Department of	100		
<b>C-128672-02</b>	<b>A novel model to study COVID-19 and Hypertension</b>	No	\$125,000	\$68,125	\$193,125	
<i>6/1/22 to 5/31/23 National Institute of Allergy &amp; Infectious Diseases</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Joe, Bina	Physiology & Pharmacology, Department of	100		
	Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			
	Co-I	Huntley, Jason F.	Med Microbiology & Immunology, Department of			
<b>C-128815-02</b>	<b>Dormitory wastewater monitoring of SARS-CoV-2 at Universities and Colleges in the State of Ohio</b>	No	\$300,077	\$75,019	\$375,096	\$150,038
<i>7/1/21 to 6/30/22 Ohio Water Resources Center through Ohio State University</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Department of	40		
	Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	40		
	Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of	20		
	Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			
<b>N-128566-01</b>	<b>Development of an Attenuated Vaccine for the Prevention of Lyme Disease</b>	No	\$600,000	\$327,000	\$927,000	\$927,000
<i>9/30/21 to 9/29/24 U.S. Department of Defense</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of	85		
	Co-I	Huntley, Jason F.	Med Microbiology & Immunology, Department of	15		

## 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>Med Microbiology &amp; Immunology, Department of</b>								
<b>N-128903-01-A1</b>	<b>Novel antiviral mechanisms of interferon system</b>			<b>No</b>	<b>\$302,173</b>	<b>\$148,334</b>	<b>\$450,507</b>	<b>\$405,456</b>
<i>5/25/22 to 4/30/23</i>		<i>National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of				90		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of				10		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				0		
<b>N-129125-01</b>	<b>Verification of the induction in antibody response against the SARS-CoV-2 virus by Pfizer and Moderna vaccines in kidney transplant patients</b>			<b>No</b>	<b>\$250,800</b>	<b>\$62,700</b>	<b>\$313,500</b>	<b>\$282,150</b>
<i>7/27/21 to 7/26/23</i>		<i>University of Toledo Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of				90		
Co-I	Rees, Michael A.	Urology, Department of				10		
<b>N-129182-01</b>	<b>State of Ohio wastewater SARS-CoV-2 surveillance</b>			<b>No</b>	<b>\$525,214</b>	<b>\$131,304</b>	<b>\$656,518</b>	<b>\$328,259</b>
<i>7/1/21 to 6/30/22</i>		<i>Centers for Disease Control and Prevention through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of				50		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of				25		
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of				25		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of						
<b>N-129241-01</b>	<b>Stress response mechanisms in Vibrio</b>			<b>No</b>	<b>\$538,623</b>	<b>\$261,377</b>	<b>\$800,000</b>	<b>\$800,000</b>
<i>2/15/22 to 1/31/25</i>		<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Matson, Jyl S.	Med Microbiology & Immunology, Department of				75		
Co-I	Blumenthal, Robert	Med Microbiology & Immunology, Department of				25		
<b>T-128906-01</b>	<b>Functional Genetic Analysis of Klebsiella pneumoniae Hypervirulence</b>			<b>No</b>	<b>\$150,000</b>	<b>\$11,360</b>	<b>\$161,360</b>	<b>\$161,360</b>
<i>7/15/21 to 6/30/22</i>		<i>National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Mike, Laura A.	Med Microbiology & Immunology, Department of				100		
Sum of Department ( <b>Med Microbiology &amp; Immunology, Dep</b> )								Award Count: <b>13.80</b>
								<b>\$5,230,610</b>
<b>Medicine, Department of</b>								
<b>C-100043-21</b>	<b>Ryan White Title IV Women, Infants, Children, Youth and Affected Family Members AIDS Healthcare (WICY--Part D)</b>			<b>No</b>	<b>\$415,286</b>	<b>\$46,143</b>	<b>\$461,429</b>	<b>\$461,429</b>
<i>8/1/21 to 7/31/22</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		
Dir Ctr/Inst	Himich, Katie	Medicine, Department of						

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<b>Medicine, Department of</b>						
<b>C-100389-21-I01</b>	<b>Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program</b>	<b>No</b>	<b>\$352,444</b>	<b>\$35,244</b>	<b>\$387,688</b>	<b>\$387,688</b>
<i>4/1/22 to 3/31/23</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>C-123999-08</b>	<b>Zilver PTX V</b>	<b>No</b>	<b>\$(3,216)</b>	<b>\$(1,029)</b>	<b>\$(4,245)</b>	<b>\$(4,245)</b>
<i>7/1/21 to 6/30/22</i>	<i>Cook, Inc.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Burket, Mark	Medicine, Department of		100		
<b>C-124705-08</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>No</b>	<b>\$4,674</b>	<b>\$1,496</b>	<b>\$6,170</b>	<b>\$6,170</b>
<i>7/1/21 to 6/30/22</i>	<i>Outcome Sciences, Inc.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Altorok, Nezam	Medicine, Department of		100		
Co-I	Kahaleh, M Bashar	Medicine, Department of				
<b>C-125658-03</b>	<b>A5332: Randomized Trial to Prevent Vascular Events in HIV - REPRIEVE</b>	<b>No</b>	<b>\$3,391</b>	<b>\$1,082</b>	<b>\$4,473</b>	<b>\$4,473</b>
<i>7/1/21 to 4/30/23</i>	<i>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		
<b>C-125820-06</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>No</b>	<b>\$2,405</b>	<b>\$769</b>	<b>\$3,174</b>	<b>\$3,174</b>
<i>7/1/21 to 6/30/22</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		100		
<b>C-126102-04</b>	<b>MicroRNA-based therapy for rheumatoid arthritis</b>	<b>No</b>	<b>\$3,305</b>	<b>\$1,802</b>	<b>\$5,107</b>	<b>\$5,107</b>
<i>7/1/21 to 6/30/22</i>	<i>National Institutes of Health through Washington State University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Khuder, Sadik	Medicine, Department of		100		

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<b>Medicine, Department of</b>								
<b>C-126600-05</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>No</b>	<b>\$7,202</b>	<b>\$2,305</b>	<b>\$9,507</b>	<b>\$9,507</b>
<i>7/1/21 to 6/30/22</i>	<i>Surmodics, Inc.</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Burket, Mark	Medicine, Department of				100		
<b>C-126685-04</b>	<b>Role of histone Methyltransferase EZH3 in Acute and Chronic Renal Injury</b>			<b>No</b>	<b>\$6,197</b>	<b>\$3,316</b>	<b>\$9,513</b>	<b>\$9,513</b>
<i>8/1/21 to 7/31/22</i>	<i>National Institutes of Health 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>C-126741-04</b>	<b>A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase 3 Trial to Evaluate Efficacy and Safety of Lenabasum in Diffuse Cutaneous Systemic Sclerosis Protocol No. JBT101-SSc-002</b>			<b>No</b>	<b>\$1,000</b>	<b>\$320</b>	<b>\$1,320</b>	<b>\$1,320</b>
<i>7/1/21 to 6/30/22</i>	<i>Corbus Pharmaceuticals</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Kahaleh, M Bashar	Medicine, Department of				100		
<b>C-126777-05</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>No</b>	<b>\$2,273</b>	<b>\$727</b>	<b>\$3,000</b>	<b>\$3,000</b>
<i>7/1/21 to 6/30/22</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				100		
<b>C-127023-04</b>	<b>STANDARD CHEMOTHERAPY VERSUS CHEMOTHERAPY CHOSEN BY CANCER STEM CELL CHEMOSENSITIVITY TESTING IN THE MANAGEMENT OF PATIENTS WITH RECURRENT GLIOBLASTOMA MULTIFORME (GBM). IRB#202696</b>			<b>No</b>				
<i>7/1/21 to 6/30/22</i>	<i>Cordgenics, LLC</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Schroeder, Jason Lee	Surgery, Department of				100		
Co-I	Skeel, Roland	Medicine, Department of						

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<b>Medicine, Department of</b>								
<b>C-127186-04</b>	<b>Retrospective and Prospective International EkoSonic Registry of the Treatment and Clinical Outcomes of Patients with Pulmonary Embolism-KNOCOUT PE</b>			No	\$193	\$32	\$225	\$225
7/1/21 to 6/30/22	EKOS Corporation							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Gupta, Rajesh	Medicine, Department of			100		
<b>C-127408-03</b>	<b>Sequencing Familial Lung Cancer</b>			No	\$18,633	\$10,155	\$28,788	\$28,788
1/1/22 to 12/31/22	National Cancer Institute through Baylor College of Medicine							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Willey, James	Medicine, Department of			75		
	Co-I	Gaba, Colette R.	Medicine, Department of			25		
<b>C-127611-04</b>	<b>MINHC project</b>			No	\$18,518	\$1,482	\$20,000	\$10,000
9/1/21 to 8/31/22	Health Resources & Services Administration through University of Illinois at Chicago							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Sahloff, Eric G.	Pharmacy Practice, Department of			50		
	Co-I	Duggan, Joan	Medicine, Department of			50		
<b>C-127667-04</b>	<b>Effective targeting surviving dimerization interface with small molecule inhibitors</b>			No	\$223,450	\$121,780	\$345,230	\$207,138
6/1/22 to 5/31/23	National Institute of General Medical Sciences							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Liu, JingYuan	Medicine, Department of			60		
	Co-I	Zhang, Jian-Ting	Cell & Cancer Biology, Department of			40		
	Stdnt Schol	Nguyen, Dylan Quang Rithik						
<b>C-127744-03</b>	<b>The Boston University-UCLA Lung Cancer Biomarker Development Lab</b>			No	\$10,500	\$5,723	\$16,223	\$16,223
9/1/20 to 3/31/22	National Cancer Institute through Boston University							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Willey, James	Medicine, Department of			100		
<b>C-127770-03</b>	<b>A Phase 3, Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel-group Study to Investigate the Efficacy and Safety of in Subjects with Acute Coronary Syndrome</b>			No	\$34,549	\$11,056	\$45,605	\$45,605
7/1/21 to 6/30/22	CSL Behring LLC							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Moukarbel, George Victor	Medicine, Department of			100		
	Stdnt Schol	Burket, Mark	Medicine, Department of					

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<b>Medicine, Department of</b>						
<b>C-127841-03-W2</b>	<b>Clinical Lead QI</b>	<b>No</b>	<b>\$53,799</b>	<b>\$5,380</b>	<b>\$59,179</b>	<b>\$59,179</b>
<i>7/1/21 to 6/30/22</i>	<i>Centers for Medicare and Medicaid Services through Case Western Reserve University/Case Medical Center</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ud Din, Shahab	Medicine, Department of	50			
Co-I	Aldrich Renner, Sarah May	Pharmacy Practice, Department of				
Co-I	Clemons, Marilee D.	Pharmacy Practice, Department of				
Co-I	Horen, Nicholas G.	Medicine, Department of	50			
<b>C-127850-02</b>	<b>A 52-week, phase 3, multicentre, randomised, double blind, efficacy &amp; safety study, comp GSK3196165 w/ placebo &amp; w/ tofacitinib in combo w/ conv synthetic DMARDs, in participants w/ mod to severe active rheumatoid arthritis who have an inadequate resp to conv synthetic DMARDs or biologic DMARDs</b>	<b>No</b>	<b>\$1,136</b>	<b>\$364</b>	<b>\$1,500</b>	<b>\$1,500</b>
<i>7/1/21 to 6/30/22</i>	<i>IQVIA Biotech</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Altork, Nezam	Medicine, Department of	100			
<b>C-127870-03</b>	<b>A Phase 1-2 Dose-Escalation and Cohort-Expansion Study of Intravenous eFT226 in Subjects with Selected Advanced Solid Tumor Malignancies</b>	<b>No</b>	<b>\$3,310</b>	<b>\$1,059</b>	<b>\$4,369</b>	<b>\$4,369</b>
<i>7/1/21 to 6/30/22</i>	<i>eFFECTOR Therapeutics</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Skeel, Roland	Medicine, Department of	100			
<b>C-128337-02</b>	<b>Phase 1/1b Study to Evaluate the Safety and Activity of TTX-030 (Anti-CD39) in Combination with ABBV-181 (Anti-PD-1) and/or mFOLFOX6 in Subjects with Solid Tumors</b>	<b>No</b>	<b>\$107,990</b>	<b>\$34,557</b>	<b>\$142,547</b>	<b>\$142,547</b>
<i>7/1/21 to 6/30/22</i>	<i>Tizona Therapeutics, INC.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Skeel, Roland	Medicine, Department of	100			
<b>C-128388-02</b>	<b>A Phase II Open-label Study Investigating the Efficacy, Safety and Pharmacokinetic Properties of OKN-007 Combined with Temozolomide in Patients with Recurrent Glioblastoma</b>	<b>No</b>	<b>\$32,280</b>	<b>\$10,330</b>	<b>\$42,610</b>	<b>\$42,610</b>
<i>7/1/21 to 6/30/22</i>	<i>Oblato Inc.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Skeel, Roland	Medicine, Department of	100			

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<b>Medicine, Department of</b>								
<b>C-128412-02</b>	<b>A Phase 3 Study of Relacorilant in Combination with Nab-Paclitaxel in Patients with Metastatic Pancreatic Ductal Adenocarcinoma (RELIANT)</b>			No	\$3,365	\$10,517	\$13,882	\$13,882
7/1/21 to 6/30/22	Corcept Therapeutics							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Skeel, Roland	Medicine, Department of			100		
<b>C-128457-02</b>	<b>A Randomized, Double-Blind, Placebo-Controlled, Repeat-Dose, Multicenter Study to Evaluate the Safety, Tolerability, Pharmacokinetics and Pharmacodynamics, and Explore Efficacy of TEPEZZA in Patients with Diffuse Cutaneous Systemic Sclerosis</b>			No	\$21,389	\$6,844	\$28,233	\$28,233
7/1/21 to 6/30/22	Horizon Therapeutics USA, Inc.							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
<b>C-128483-02</b>	<b>A Phase 2b, Multicenter, Randomized, Double Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy, Safety, and Tolerability of Cenerimod in Subjects with Moderate or Severe Systemic Lupus Erythematosus</b>			No	\$1,212	\$388	\$1,600	\$1,600
7/1/21 to 6/30/22	Idorsia							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
<b>C-128559-02</b>	<b>A Phase IIIb, Rand., Multicenter, Active-controlled, Parallel-group, Non-inferiority, Open-label Study Eval. Efficacy, Safety, Tolerability of Switching to Long-acting Cabotegravir Long-acting Rilpivirine admin. every 2 months Single Tab Regimen in HIV-1 Infected Adults who are Virologically Supp.</b>			No	\$35,911	\$11,491	\$47,402	\$47,402
7/1/21 to 6/30/22	GlaxoSmithKline							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Duggan, Joan	Medicine, Department of			100		
<b>C-128606-02</b>	<b>A Randomized Double-blind Placebo-controlled Study to Evaluate the Safety and Efficacy of ATYR1923 In Adult Patients With Severe Pneumonia Related To SARS-CoV-2 Infection (COVID-19)</b>			No	\$0	\$0	\$0	\$0
7/1/21 to 6/30/22	aTyr Pharma Inc							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Safi, Fadi Alil	Medicine, Department of			100		

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<b>Medicine, Department of</b>						
<b>C-128649-02</b>	<b>A Phase 3 Study of CG0070 in Patients with Non-Muscular Invasive Bladder Cancer (NMIBC) Unresponsive to Bacillus-Calmette-Guerin (BCG)</b>	No	\$104,689	\$33,500	\$138,189	
7/1/21 to 6/30/22	CG Oncology, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Petros, Firas G.	Urology, Department of		100		
Co-I	Skeel, Roland	Medicine, Department of				
<b>C-128716-02</b>	<b>A Randomized, Double-Blind, Placebo-Controlled Trial of Tomivosertib in Combination With Anti-PD-(L)1 Therapy in Subjects With Non-Small Cell Lung Cancer as First-Line Therapy or When Progressing on Single-Agent First-Line Anti PD (L)1 Therapy</b>	No	\$2,197	\$703	\$2,900	\$2,900
7/1/21 to 6/30/22	eFFECTOR Therapeutics					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Skeel, Roland	Medicine, Department of		100		
<b>C-128717-02</b>	<b>A Phase 2 trial evaluating sargramostim in patients with COVID-19 associated acute hypoxemia</b>	No	\$3,939	\$1,261	\$5,200	\$5,200
7/1/21 to 6/30/22	Partner Therapeutics, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of		100		
<b>C-128734-02</b>		No	\$1,288	\$412	\$1,700	\$1,700
7/1/21 to 6/30/22	IMV, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Skeel, Roland	Medicine, Department of		100		
<b>C-128784-02</b>	<b>A Phase 1/2a, Dose-Escalation and Dose-Expansion Study of ZX-101A in Patients with Relapsed/Resistant or Refractory Advanced Hematologic Malignancies</b>	No	\$189	\$61	\$250	\$250
7/1/21 to 6/30/22	Hangzhou Zenshine Pharmaceutical Co., Ltd.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Skeel, Roland	Medicine, Department of		100		
<b>N-128271-01-A1</b>	<b>Targeting of eIF4A along with immunotherapy to overcome chemoresistance</b>	No	\$140,250	\$76,436	\$216,686	\$8,667
1/1/22 to 12/31/23	National Cancer Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Raman, Dayanidhi	Cell & Cancer Biology, Department of		91		
Co-I	Hamouda, Danae M.	Medicine, Department of		2		
Co-I	Khuder, Sadik	Medicine, Department of		2		
Co-I	Stanoszek, Lauren Michele	Pathology, Department of		2		
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of		3		



## 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>Medicine, Department of</b>							
<b>N-128565-01</b>	<b>Distance Education and Training on Emerging Contaminants and Technologies (DETECT)</b>		<b>No</b>	<b>\$50,951</b>	<b>\$4,076</b>	<b>\$55,027</b>	
<i>9/22/21 to 8/31/22</i>	<i>National Institute of Environmental Health Sciences through Purdue University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Ames, April L.	Department of Population Health				40	
Co-I	Dwyer, Daryl	Environmental Sciences, Department of					
Co-I	Haller, Steven T.	Medicine, Department of					
Co-I	Kennedy, David Joseph	Medicine, Department of					
Co-I	Milz, Sheryl A.	Department of Population Health				20	
Co-I	Saltzman, Barbara	Department of Population Health				20	
Co-I	Valigosky, Michael	Department of Population Health				20	
<b>N-128774-01</b>	<b>Inhalation Exposure to Aerosolized Cyanotoxins Worsens Pre-Existing Asthma via Activation of Granulocytic Inflammation</b>		<b>No</b>	<b>\$39,732</b>	<b>\$0</b>	<b>\$39,732</b>	<b>\$39,732</b>
<i>8/27/21 to 8/26/23</i>	<i>National Heart, Lung &amp; Blood Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Haller, Steven T.	Medicine, Department of				50	
Co-I	Kennedy, David Joseph	Medicine, Department of				50	
<b>N-128826-01</b>	<b>Training in Molecular and Translational Cell Dynamics</b>		<b>No</b>	<b>\$202,832</b>	<b>\$11,441</b>	<b>\$214,273</b>	<b>\$201,417</b>
<i>5/1/22 to 4/30/23</i>	<i>National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Osman, Mahasin	Medicine, Department of				93	
Co-I	Avidor-Reiss, Tomer	Biological Sciences, Department of				5	
Co-I	Dworkin, Lance	Medicine, Department of				1	
Co-I	Smith, Robert Erne	Neurosciences, Department of				1	
<b>N-128921-01</b>	<b>Addressing Implicit Bias and Cultural Humility in Healthcare through Cinematic Virtual Reality (MES)</b>		<b>No</b>	<b>\$544,873</b>	<b>\$54,487</b>	<b>\$599,360</b>	<b>\$359,616</b>
<i>7/1/21 to 8/31/22</i>	<i>Centers for Medicare and Medicaid Services through Ohio University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Dworkin, Lance	Medicine, Department of				60	
Co-I	Clark, Madeline Elizabeth	School of Intervention & Wellness				10	
Co-I	Day, Allyson Lesley	Women's & Gender Studies, Department of				10	
Co-I	Monteleone, Rebecca Garnet	Disability Studies Program				10	
Co-I	Singh, Shipra	Department of Population Health				10	
Dir Ctr/Inst	McCarthy, Diane M.	Medicine, 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-129024-01</b>	<b>A Phase 2b Multicentre, Rand. Double-Blind, Placebo-Controlled, Parallel Group Dose-Ranging Study to Assess the Eff., Safety and Tolerability of Zibotentan &amp; Dapagliflozin in Patients w/ Chronic Kidney Disease w/ Est. Glomerular Filtration Rate (eGFR) Between 20 and 60 mL/min/1.73 m2</b>		<b>Yes</b>	<b>\$11,933</b>	<b>\$3,819</b>	<b>\$15,752</b>	<b>\$15,752</b>
<i>7/21/21 to 6/30/22</i>	<i>AstraZeneca, L.P.</i>						
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>	
	PI/PD	Malhotra, Deepak K.		Medicine, Department of		100	
<b>N-129051-01</b>	<b>Health Effects of Dermal Contact to Cyanotoxins in At-Risk Pre-existing Disease States</b>		<b>No</b>	<b>\$265,934</b>	<b>\$0</b>	<b>\$265,934</b>	<b>\$226,044</b>
<i>7/1/21 to 12/31/23</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		40	
	Co-I	Gohara, Amira		Pathology, Department of		5	
	Co-I	Haller, Steven T.		Medicine, Department of		40	
	Co-I	Isailovic, Dragan		Chemistry and Biochemistry, Department of		5	
	Co-I	Mukundan, Deepa		Pediatrics, Department of		5	
	Co-I	Tiwari, Amit K.		Medicine, Department of		5	
<b>N-129052-01</b>	<b>Health Effects of Aerosolized Cyanotoxins in At-Risk Pre-existing Disease States</b>		<b>No</b>	<b>\$268,821</b>	<b>\$0</b>	<b>\$268,821</b>	<b>\$241,939</b>
<i>7/1/21 to 12/31/23</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		45	
	Co-I	Gohara, Amira		Pathology, Department of		5	
	Co-I	Isailovic, Dragan		Chemistry and Biochemistry, Department of		5	
	Co-I	Kennedy, David Joseph		Medicine, Department of		40	
	Co-I	Modyanov, Nikolai		Physiology & Pharmacology, Department of			
	Co-I	Willey, James		Medicine, Department of		5	
<b>N-129065-01</b>	<b>Discovery of Novel Cyanotoxins in HAB samples from Lake Erie and Maumee River and Investigation of their Toxicity</b>		<b>No</b>	<b>\$189,176</b>	<b>\$0</b>	<b>\$189,176</b>	<b>\$37,835</b>
<i>7/1/21 to 12/31/23</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	Isailovic, Dragan		Chemistry and Biochemistry, Department of		80	
	Co-I	Haller, Steven T.		Medicine, Department of		10	
	Co-I	Kennedy, David Joseph		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>Medicine, Department of</b>								
<b>N-129169-01</b>	<b>Phase 2b, Open-label, Multicenter, Rand Parallel-Group, 2-Stage, Study of an Immunotherapeutic Treatment DPX-Survivac, Alone or in Comb w/ Pembrolizumab, w/ &amp; w/out Intermittent Low-Dose Cyclophosphamide, in Subjects w/elapsed/Refractory Diffuse Large B-Cell Lymphoma</b>			No	\$15,398	\$4,927	\$20,325	\$20,325
6/30/21 to 6/30/22	<i>ImmunoVaccine Technologies Inc.</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Hamouda, Danae M.	Medicine, Department of			100		
<b>N-129246-01</b>	<b>A Phase I, First-in-Human, Open-Label, Dose Escalation and Expansion Study of LM-302 in Patients with CLDN18.2-Positive Advanced Solid Tumors</b>			No	\$18,622	\$5,959	\$24,582	\$24,582
8/23/21 to 6/30/22	<i>LaNova Medicines Ltd.</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Skeel, Roland	Medicine, Department of			100		
<b>N-129285-01</b>	<b>Investigation of the Platelet and Activation of the Innate Immune System in Postural Orthostatic Tachycardia Syndrome</b>			No	\$95,238	\$4,762	\$100,000	\$5,000
12/1/21 to 11/30/23	<i>Dysautonomia International</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Gunning, William T.	Pathology, Department of			95		
	Co-I	Grubb, Blair	Medicine, Department of			5		
<b>N-129287-01</b>	<b>Prediction of Relapse in Opioid Addiction via a Novel Wearable Technology (PreLapse)</b>			No	\$225,443	\$122,867	\$348,310	\$17,416
4/13/22 to 6/30/23	<i>Ohio Department of Higher Education</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Pappada, Scott Michael	Anesthesiology, Department of			50		
	Co-I	Cameron, Brent D.	Bioengineering, Department of			35		
	Co-I	Duggan, Joan	Medicine, Department of			5		
	Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			5		
	Co-I	Singh, Tanvir	Psychiatry, Department of			5		
<b>N-129319-01</b>	<b>A Phase 1a/1b Dose Escalation/Expansion Study of TTX-080, an HLA-G Antagonist, as Monotherapy and in Combination with Pembrolizumab or Cetuximab in Patients with Advanced Solid Refractory/Resistant Malignancies</b>			No	\$33,764	\$10,804	\$44,568	\$44,568
12/6/21 to 6/30/22	<i>Trishula Therapeutics, Inc. through Labcorp Drug Development Inc.</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Skeel, Roland	Medicine, Department of			100		

## Medicine and Life Sciences, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Medicine, Department of</b>						
<b>N-129320-01</b>	<b>Development of TRPM8 targeted therapy against Raynaud's phenomena</b>	<b>No</b>	<b>\$61,521</b>	<b>\$4,922</b>	<b>\$66,443</b>	<b>\$44,517</b>
<i>4/1/22 to 3/31/23 Scleroderma Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ding, Yue	Medicine, Department of	34			
Co-I	Kahaleh, M Bashar	Medicine, Department of	33			
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of	33			
Statistician	Wang, Yongqing	Medicine, Department of				
<b>N-129353-01</b>	<b>Type 1 Diabetes CAR Treg Therapeutic Approach</b>	<b>No</b>	<b>\$200,872</b>	<b>\$20,088</b>	<b>\$220,960</b>	<b>\$220,960</b>
<i>12/1/21 to 5/31/23 Leona M. and Harry B. Helmsley Charitable Trust</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jaume, Juan Carlos	Medicine, Department of	100			
Co-I	Imam, Shahawaz	Medicine, Department of				
<b>N-129374-01</b>	<b>A Phase 1, Open-Label, Dose Escalation and Expansion Study Evaluating the Safety and Pharmacodynamics of PF-07263689, Either Alone or in Combination with an Anti-PD-1 Antibody, in Previously Treated Participants with Selected Locally Advanced or Metastatic Solid Tumors</b>	<b>No</b>	<b>\$17,186</b>	<b>\$5,499</b>	<b>\$22,685</b>	<b>\$22,685</b>
<i>10/8/21 to 6/30/22 Pfizer, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hamouda, Danae M.	Medicine, Department of	100			
<b>N-129420-01</b>	<b>Congenital Syphilis Warmline</b>	<b>No</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$100,000</b>
<i>1/1/22 to 12/31/22 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			
Dir Ctr/Inst	Himich, Katie					
<b>N-129445-01</b>	<b>(Peak) A Phase 3 Randomized, Open-Label, Multicenter Clinical Study Of CGT9486+Sunitinib vs Sunitinib in Subjects with Locally Advanced, Unresectable or Metastatic Gastrointestinal Stromal Tumors</b>	<b>Yes</b>	<b>\$20,300</b>	<b>\$0</b>	<b>\$20,300</b>	<b>\$20,300</b>
<i>2/10/22 to 6/30/23 Cogent Biosciences Inc through Medpace, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Skeel, Roland	Medicine, Department of	100			

## Medicine and Life Sciences, College of

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<b>Medicine, Department of</b>							
<b>N-129450-01</b>	<b>A Phase II Multi-Arm (basket) Trial Investigating the Safety and Efficacy of IO102-IO103 in Combination with Pembrolizumab, as First-line Treatment for Patients with Metastatic Non-Small Cell Lung Cancer (NSCLC), Squamous Cell Carcinoma of Head and Neck (SCCHN), or Metastatic</b>		<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>2/28/22 to 6/30/22</i>	<i>IO Biotech ApS through Theradex Oncology</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Skeel, Roland	Medicine, Department of				100	
<b>N-129463-01</b>	<b>A Double Blind, Randomized, Placebo-Controlled Study to Evaluate the Efficacy and Safety of PRA023 in Subjects with Systemic Sclerosis Associated with Interstitial Lung Disease (SSc-ILD)</b>		<b>Yes</b>	<b>\$15,625</b>	<b>\$0</b>	<b>\$15,625</b>	<b>\$15,625</b>
<i>12/20/21 to 6/30/23</i>	<i>Prometheus Biosciences, Inc. through PPD Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kahaleh, M Bashar	Medicine, Department of				100	
<b>R-100389-21</b>	<b>Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program</b>		<b>No</b>	<b>\$117,556</b>	<b>\$11,756</b>	<b>\$129,312</b>	<b>\$129,312</b>
<i>4/1/22 to 3/31/23</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-101303-17</b>	<b>Social Marketing Advertising CTR</b>		<b>No</b>	<b>\$27,000</b>	<b>\$0</b>	<b>\$27,000</b>	<b>\$27,000</b>
<i>1/1/22 to 12/31/22</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>R-127064-04</b>	<b>Cardi-OH</b>		<b>No</b>	<b>\$247,362</b>	<b>\$24,736</b>	<b>\$272,098</b>	<b>\$272,098</b>
<i>7/1/21 to 6/30/22</i>	<i>Ohio Department of Medicaid through Case Western Reserve University/Case Medical Center</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Dworkin, Lance	Medicine, Department of				100	
<b>R-128372-03</b>	<b>Fellowship - Toseef Javaid</b>		<b>No</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>7/1/21 to 6/30/22</i>	<i>Boston Scientific Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Nawras, Ali	Medicine, Department of				100	
Sum of Department ( <b>Medicine, Department of</b> ) Award Count: <b>49.40</b>							<b>\$3,661,875</b>

## Neurology, Department of

## Medicine and Life Sciences, College of

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<b>Neurology, Department of</b>							
<b>C-125470-06</b>	<b>A Clinical Study of Patients with Symptomatic Neurogenic Orthostatic Hypotension to Assess Sustained Effects of Droxidopa Therapy (Study No. 16306A)</b>		<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>7/1/21 to 6/30/22</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>C-126796-05</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>No</b>	<b>\$28,254</b>	<b>\$9,041</b>	<b>\$37,295</b>	<b>\$37,295</b>
<i>7/1/21 to 6/30/22</i>	<i>Pharma Two B Ltd.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
<b>C-127279-03</b>	<b>A Randomized Controlled Study to Compare the Safety and Efficacy of IPX203 with Immediate Release-Carbidopa-Levodopa in Parkinson's disease Patients with Motor Fluctuations</b>		<b>No</b>	<b>\$4,473</b>	<b>\$1,432</b>	<b>\$5,905</b>	<b>\$5,905</b>
<i>7/1/21 to 6/30/22</i>	<i>Impax Laboratories, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
<b>C-127352-03-W2</b>	<b>Observational evaluation of effectiveness and patient-reported outcomes (PROs) in suboptimally controlled patients previously Taking oral disease-modifying dRugs (DMDs) for relapsing forms of Multiple Sclerosis (RMS) (MASTER-2)</b>		<b>No</b>	<b>\$6,970</b>	<b>\$2,230</b>	<b>\$9,200</b>	<b>\$9,200</b>
<i>7/1/21 to 6/30/22</i>	<i>EMD Sorono</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Derani, Talal M.	Neurology, Department of			100		
<b>C-127352-03-W3</b>	<b>CLadribine tablets: Observational evaluation of effectiveness and patient- reported outcomes (PROs) in suboptimally Controlled patients previously taking injectable disease-modifying drugs (DMDs) for relapsing forms of Multiple Sclerosis (RMS) (CLICK-MS)</b>		<b>No</b>	<b>\$6,970</b>	<b>\$2,230</b>	<b>\$9,200</b>	<b>\$9,200</b>
<i>7/1/21 to 6/30/22</i>	<i>EMD Sorono</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Derani, Talal M.	Neurology, 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>Neurology, Department of</b>						
<b>C-127577-03-W1</b>	<b>A Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Safety, Tolerability and Efficacy of XEN1101 as Adjunctive Therapy in Focal-onset Epilepsy Protocol Number: XPF-008-201</b>	<b>No</b>	<b>\$6,306</b>	<b>\$2,018</b>	<b>\$8,324</b>	<b>\$8,324</b>
7/1/21 to 6/30/22 <i>Xenon Pharmaceuticals</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Ali, Imran Izzat	Neurology, Department of			100	
<b>C-127750-03</b>	<b>An Open-label Extension Study Of The Safety And Clinical Utility Of IPX203 In Parkinson's Disease Patients With Motor Fluctuations</b>	<b>No</b>	<b>\$4,106</b>	<b>\$1,314</b>	<b>\$5,420</b>	<b>\$5,420</b>
7/1/21 to 6/30/22 <i>Impax Laboratories, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of			100	
<b>C-127854-02</b>	<b>A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy, Safety, and Tolerability of Valbenazine for the Treatment of Chorea Associated with Huntington's Disease</b>	<b>No</b>	<b>\$26,958</b>	<b>\$8,627</b>	<b>\$35,585</b>	<b>\$35,585</b>
7/1/21 to 6/30/22 <i>Neurocrine Biosciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of			100	
<b>C-127996-03</b>	<b>Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy, Safety, and Tolerability of 36 Weeks of Treatment with NLY01 in Early-stage Parkinson's Disease</b>	<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
7/1/21 to 6/30/22 <i>Neuraly Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of			100	
<b>C-128018-03</b>	<b>A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Multiple Dose Study to Evaluate Safety, Tolerability and Efficacy of Orally Administered ENT-01 for the Treatment of Parkinson's Disease-Related Constipation (KARMET)</b>	<b>No</b>	<b>\$3,030</b>	<b>\$970</b>	<b>\$4,000</b>	<b>\$4,000</b>
7/1/21 to 6/30/22 <i>Enterin, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of			100	
<b>C-128029-03</b>	<b>A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL GROUP, MULTICENTER TRIAL OF CVL-865 AS ADJUNCTIVE THERAPY IN ADULTS WITH DRUG-RESISTANT FOCAL ONSET SEIZURES</b>	<b>No</b>	<b>\$871</b>	<b>\$279</b>	<b>\$1,150</b>	<b>\$1,150</b>
7/1/21 to 6/30/22 <i>Cerevel Therapeutics, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Ali, Imran Izzat	Neurology, 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>Neurology, Department of</b>							
<b>C-128125-02</b>	<b>Phase 2b/3, Randomized, Double-blind, Placebo-controlled, Parallel Group, Multicenter Study to Eval the Safety and Eff. of Dibraglurant (ADX48621) for the Treatment of Dyskinesia in Pts with Parkinson's Disease Rec Levodopa- based Therapy with or without Concomitant Dopaminergic Medications</b>		<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>7/1/21 to 6/30/22</i>	<i>addex pharmaceuticals</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of				100	
<b>C-128165-02</b>	<b>A Phase 3, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, 27-Week Study of the Efficacy, Safety, and Tolerability of Two Fixed Doses of Tavapadon in Early Parkinson's Disease to be conducted at Institution to involve patients participating in the Trial</b>		<b>No</b>	<b>\$91,034</b>	<b>\$29,131</b>	<b>\$120,165</b>	<b>\$120,165</b>
<i>7/1/21 to 6/30/22</i>	<i>Cerevel Therapeutics, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of				100	
<b>C-128436-02</b>	<b>A Phase III, Multicenter, Randomized, Parallel Group, Double Blind, Double Dummy, Active Controlled Study of Evobrutinib Compared with Teriflunomide, in Participants with Relapsing Multiple Sclerosis to Evaluate Efficacy and Safety</b>		<b>No</b>	<b>\$3,807</b>	<b>\$1,218</b>	<b>\$5,025</b>	<b>\$5,025</b>
<i>7/1/21 to 6/30/22</i>	<i>EMD Sorono</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Koffman, Boyd	Neurology, Department of				100	
<b>C-128446-02</b>	<b>A Phase 3, Double-Blind, Randomized, Placebo Controlled, Parallel Group, Flexible Dose, 27 Week Trial to Evaluate the Efficacy, Safety, and Tolerability of Tavapadon as Adjunctive Therapy for Parkinson's Disease in Levodopa Treated Adults With Motor Fluctuations (TEMPO 3 Trial)</b>		<b>No</b>	<b>\$19,969</b>	<b>\$6,390</b>	<b>\$26,359</b>	<b>\$26,359</b>
<i>7/1/21 to 6/30/22</i>	<i>Cerevel Therapeutics, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, Department of				100	
<b>N-129474-01</b>	<b>An 8-Week, Open-Label Study to Assess Safety and Efficacy in Subjects With Parkinson's Disease Psychosis With or Without Dementia Treated With Low-Dose Quetiapine Transitioning to Pimavanserin</b>		<b>No</b>				
<i>6/1/22 to 6/30/22</i>	<i>Acadia Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Elmer, Lawrence	Neurology, 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>Neurology, Department of</b>							
<b>N-129554-01</b>	<b>A Double-Blind, Placebo-Controlled, Safety, Tolerability, and Pharmacokinetics Study in Parkinson's Disease (PD) Participants Treated with Carbidopa/Levodopa and NE3107</b>		<b>No</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>1/21/22 to 6/30/22</i>	<i>BioVie Inc. through Cognitive Research Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Sum of Department ( <b>Neurology, Department of</b> ) Award Count: <b>17.00</b>							<b>\$267,629</b>
<b>Neurosciences, Department of</b>							
<b>C-127388-03</b>	<b>Translational assessment of brain bioenergetic function in schizophrenia</b>		<b>No</b>	<b>\$90,063</b>	<b>\$48,184</b>	<b>\$138,247</b>	<b>\$138,247</b>
<i>11/1/21 to 10/31/22</i>	<i>National Institutes of Health through University of Maryland at Baltimore</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Smith, Robert Erne	Neurosciences, Department of			100		
<b>C-127986-05</b>	<b>Behavioral and Neurological Effects of Developmental Pyrethroid Exposure in Rodents</b>		<b>No</b>	<b>\$161,165</b>	<b>\$87,835</b>	<b>\$249,000</b>	<b>\$249,000</b>
<i>5/1/22 to 4/30/23</i>	<i>National Institute of Environmental Health Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Burkett, James Patrick	Neurosciences, Department of			100		
<b>N-128176-01-A1</b>	<b>A large sample machine learning network analysis of vertex cortical thickness measures for high resolution definition of PTSD related cortical structure abnormalities</b>		<b>No</b>	<b>\$150,752</b>	<b>\$74,313</b>	<b>\$225,065</b>	
<i>1/17/22 to 12/31/22</i>	<i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			50		
Co-I	Chen, Tian	Mathematics & Statistics, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					
Co-I	Xie, Hong	Neurosciences, Department of					
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of			50		
<b>N-128358-01-A1</b>	<b>The effect of SHANK3 mutation in transgenic prairie voles on natural social behaviors and genetic mechanisms</b>		<b>No</b>	<b>\$201,000</b>	<b>\$54,500</b>	<b>\$255,500</b>	<b>\$255,500</b>
<i>1/1/22 to 11/30/22</i>	<i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Burkett, James Patrick	Neurosciences, Department of			90		
Co-I	Shukla, Rammohan	Neurosciences, Department of			10		

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Neurosciences, Department of</b>						
<b>N-128479-01-A1</b>	<b>Using pre-pandemic baseline data in people with and without PTSD to study effects of the COVID-19 pandemic on mental health and brain emotion circuits</b>	No	\$150,000	\$74,288	\$224,288	\$112,144
<i>3/3/22 to 2/28/23</i> <i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Xin	Psychiatry, Department of	50			
PI/PD	Xie, Hong	Neurosciences, Department of	50			
Co-I	Elhai, Jon D.	Psychology, Department of				
Co-I	Shih, Chia Hao	Emergency Medicine				
<b>N-128801-01</b>	<b>The adenosine system as a novel target substrate in suicide</b>	No	\$40,000	\$0	\$40,000	\$40,000
<i>9/30/21 to 8/30/22</i> <i>American Foundation for Suicide Prevention</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	O'Donovan, Sinead M.	Neurosciences, Department of	100			
<b>N-128826-01</b>	<b>Training in Molecular and Translational Cell Dynamics</b>	No	\$202,832	\$11,441	\$214,273	\$2,143
<i>5/1/22 to 4/30/23</i> <i>National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Osman, Mahasin	Medicine, Department of	93			
Co-I	Avidor-Reiss, Tomer	Biological Sciences, Department of	5			
Co-I	Dworkin, Lance	Medicine, Department of	1			
Co-I	Smith, Robert Erne	Neurosciences, Department of	1			
<b>T-129421-07</b>	<b>Pre- and postsynaptic pathways underlying the stress response in the adrenal medulla</b>	No	\$247,281	\$118,680	\$365,961	\$365,961
<i>3/1/22 to 2/28/23</i> <i>National Institute of Neurological Disorders and Stroke</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Anantharam, Arun	Neurosciences, Department of	90			
Co-I	Giovannucci, David	Neurosciences, Department of	10			
Sum of Department ( <b>Neurosciences, Department of</b> ) Award Count: <b>5.51</b>						<b>\$1,162,995</b>
<b>Obstetrics &amp; Gynecology, Department of</b>						
<b>C-126681-05</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</b>	No	\$3,476	\$1,112	\$4,588	\$4,588
<i>7/1/21 to 6/30/22</i> <i>AbbVie</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smali, Sleiman K.	Obstetrics & Gynecology, 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>Obstetrics &amp; Gynecology, Department of</b>								
N-124195-01	Protocol No. M12-671: "A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain"		Yes	\$(837)	\$(251)	\$(1,088)	\$(979)	
9/16/13 to 9/15/16	AbbVie							
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>		
	PI/PD	Manahan, Kelly J.		Obstetrics & Gynecology, Department of		50		
	PI/PD	Neuhoff, Ronica		Obstetrics & Gynecology, Department of		10		
	Co-I	Betts-Cobau, Teresa		Obstetrics & Gynecology, Department of		10		
	Co-I	Geisler, John Patrick		Obstetrics & Gynecology, Department of		10		
	Co-I	Moynihan, Vivian F.		Physician Assistant Studies		10		
	Co-I	Payne, Albert E.		Obstetrics & Gynecology, Department of		10		
Sum of Department ( <b>Obstetrics &amp; Gynecology, Department</b> )							Award Count: 1.90	<b>\$3,609</b>
<b>Orthopaedic Surgery, Department of</b>								
C-129181-02	PPARG regulates osteocyte bioenergetics and function during aging (R01)		No	\$553,822	\$133,363	\$687,185	\$687,185	
6/1/22 to 5/31/23	National Institute on Aging							
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>		
	PI/PD	Lecka-Czernik, Beata		Orthopaedic Surgery, Department of		100		
N-129181-01	PPARG regulates osteocyte bioenergetics and function during aging (R01)		No	\$533,077	\$145,009	\$678,086	\$678,086	
9/30/21 to 5/31/22	National Institute on Aging							
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>		
	PI/PD	Lecka-Czernik, Beata		Orthopaedic Surgery, Department of		100		
Sum of Department ( <b>Orthopaedic Surgery, Department of</b> )							Award Count: 2.00	<b>\$1,365,271</b>
<b>Orthopedics</b>								
D-129149-01-A1	PPARG regulates osteocyte bioenergetics and function during aging (R56)		No	\$(187,877)	\$(102,392)	\$(290,269)	\$(290,269)	
8/1/21 to 9/29/21	National Institute on Aging							
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>		
	PI/PD	Lecka-Czernik, Beata		Orthopedics		100		
N-129149-01-A1	PPARG regulates osteocyte bioenergetics and function during aging (R56)		No	\$204,956	\$111,701	\$316,657	\$316,657	
8/1/21 to 9/29/21	National Institute on Aging							
	<u>Role</u>	<u>Name</u>		<u>Department</u>		<u>% Credit</u>		
	PI/PD	Lecka-Czernik, Beata		Orthopedics		100		

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Sum of Department ( <b>Orthopedics</b> )			Award Count: <b>2.00</b>		<b>\$26,388</b>		
<b>Pathology, Department of</b>							
<b>N-128271-01-A1</b>	<b>Targeting of eIF4A along with immunotherapy to overcome chemoresistance</b>		<b>No</b>	<b>\$140,250</b>	<b>\$76,436</b>	<b>\$216,686</b>	<b>\$4,334</b>
<i>1/1/22 to 12/31/23</i>	<i>National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Raman, Dayanidhi	Cell & Cancer Biology, Department of	91				
Co-I	Hamouda, Danae M.	Medicine, Department of	2				
Co-I	Khuder, Sadik	Medicine, Department of	2				
Co-I	Stanoszek, Lauren Michele	Pathology, Department of	2				
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of	3				
<b>N-129051-01</b>	<b>Health Effects of Dermal Contact to Cyanotoxins in At-Risk Pre-existing Disease States</b>		<b>No</b>	<b>\$265,934</b>	<b>\$0</b>	<b>\$265,934</b>	<b>\$13,297</b>
<i>7/1/21 to 12/31/23</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	40				
Co-I	Gohara, Amira	Pathology, Department of	5				
Co-I	Haller, Steven T.	Medicine, Department of	40				
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5				
Co-I	Mukundan, Deepa	Pediatrics, Department of	5				
Co-I	Tiwari, Amit K.	Medicine, Department of	5				
<b>N-129052-01</b>	<b>Health Effects of Aerosolized Cyanotoxins in At-Risk Pre-existing Disease States</b>		<b>No</b>	<b>\$268,821</b>	<b>\$0</b>	<b>\$268,821</b>	<b>\$13,441</b>
<i>7/1/21 to 12/31/23</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	45				
Co-I	Gohara, Amira	Pathology, Department of	5				
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5				
Co-I	Kennedy, David Joseph	Medicine, Department of	40				
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of					
Co-I	Willey, James	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>Pathology, Department of</b>							
<b>N-129235-01</b>	<b>PFI TT: A hand-held device for rapid and accurate determination of cancerous tumor margins during surgical resections</b>		<b>No</b>	<b>\$166,112</b>	<b>\$83,886</b>	<b>\$249,998</b>	<b>\$50,000</b>
<i>2/1/22 to 1/31/24</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of				40	
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of				20	
Co-I	Chaudhuri, Prabir	Surgery, Department of				20	
Co-I	Dominiak, Nicole Rachel	Pathology, Department of				20	
Stdnt Schol	Dumevi, Joel						
Stdnt Schol	Fox, Corbin Jacob						
<b>N-129285-01</b>	<b>Investigation of the Platelet and Activation of the Innate Immune System in Postural Orthostatic Tachycardia Syndrome</b>		<b>No</b>	<b>\$95,238</b>	<b>\$4,762</b>	<b>\$100,000</b>	<b>\$95,000</b>
<i>12/1/21 to 11/30/23</i>	<i>Dysautonomia International</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Gunning, William T.	Pathology, Department of				95	
Co-I	Grubb, Blair	Medicine, Department of				5	
Sum of Department ( <b>Pathology, Department of</b> ) Award Count: 1.27							<b>\$176,071</b>
<b>Pediatrics, Department of</b>							
<b>N-129051-01</b>	<b>Health Effects of Dermal Contact to Cyanotoxins in At-Risk Pre-existing Disease States</b>		<b>No</b>	<b>\$265,934</b>	<b>\$0</b>	<b>\$265,934</b>	<b>\$13,297</b>
<i>7/1/21 to 12/31/23</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				40	
Co-I	Gohara, Amira	Pathology, Department of				5	
Co-I	Haller, Steven T.	Medicine, Department of				40	
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of				5	
Co-I	Mukundan, Deepa	Pediatrics, Department of				5	
Co-I	Tiwari, Amit K.	Medicine, Department of				5	
<b>N-129263-01</b>	<b>Rx for Inclusive and Early Literacy</b>		<b>No</b>	<b>\$2,500</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>
<i>9/1/21 to 8/31/22</i>	<i>The Honor Society of Phi Kappa Phi</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Legendre, Lori R.	Pediatrics, Department of				100	
<b>N-129451-01</b>	<b>Rx: Healthy Bodies, Healthy Minds</b>		<b>No</b>	<b>\$4,700</b>	<b>\$0</b>	<b>\$4,700</b>	<b>\$4,700</b>
<i>1/1/22 to 8/12/22</i>	<i>Delta Dental Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Legendre, Lori R.	Pediatrics, 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>Pediatrics, Department of</b>						
<b>N-129700-01</b>	<b>Reach Out and Read of Northwest Ohio</b>	<b>No</b>	<b>\$7,901</b>	<b>\$790</b>	<b>\$8,691</b>	<b>\$8,691</b>
<i>1/1/22 to 12/31/22</i>	<i>Reach Out and Read</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Legendre, Lori R.	Pediatrics, Department of			100	
Sum of Department ( <b>Pediatrics, Department of</b> )						<b>Award Count: 3.05</b>
						<b>\$29,188</b>
<b>Physician Assistant Studies</b>						
<b>N-124195-01</b>	<b>Protocol No. M12-671: "A Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Elagolix in Subjects with Moderate to Severe Endometriosis-Associated Pain"</b>	<b>Yes</b>	<b>\$(837)</b>	<b>\$(251)</b>	<b>\$(1,088)</b>	<b>\$(109)</b>
<i>9/16/13 to 9/15/16</i>	<i>AbbVie</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Manahan, Kelly J.	Obstetrics & Gynecology, Department of			50	
PI/PD	Neuhoff, Ronica	Obstetrics & Gynecology, Department of			10	
Co-I	Betts-Cobau, Teresa	Obstetrics & Gynecology, Department of			10	
Co-I	Geisler, John Patrick	Obstetrics & Gynecology, Department of			10	
Co-I	Moynihan, Vivian F.	Physician Assistant Studies			10	
Co-I	Payne, Albert E.	Obstetrics & Gynecology, Department of			10	
Sum of Department ( <b>Physician Assistant Studies</b> )						<b>Award Count: 0.10</b>
						<b>\$(109)</b>
<b>Physiology &amp; Pharmacology, Department of</b>						
<b>C-126676-06</b>	<b>Interplay between Dietary Fiber and Gut Microbiota in Hepatocellular Carcinoma</b>	<b>No</b>	<b>\$188,019</b>	<b>\$95,240</b>	<b>\$283,259</b>	<b>\$283,259</b>
<i>7/1/21 to 6/30/23</i>	<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			100	
<b>C-126676-06-S1</b>	<b>Interplay between Dietary Fiber and Gut Microbiota in Hepatocellular Carcinoma</b>	<b>No</b>	<b>\$43,358</b>	<b>\$15,975</b>	<b>\$59,333</b>	<b>\$59,333</b>
<i>7/1/21 to 6/30/22</i>	<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			100	
<b>C-127586-02</b>	<b>Autophagy regulates <math>\beta</math>-hydroxybutyrate synthesis to prevent hypertension-associated premature vascular aging</b>	<b>No</b>	<b>\$101,704</b>	<b>\$8,136</b>	<b>\$109,840</b>	<b>\$109,840</b>
<i>7/1/21 to 12/31/21</i>	<i>National Heart, Lung &amp; Blood Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	McCarthy, Cameron G.	Physiology & Pharmacology, Department of				
Co-I	Joe, Bina	Physiology & Pharmacology, Department of			75	
Co-I	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			25	

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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>Physiology &amp; Pharmacology, Department of</b>						
<b>C-128170-02</b>	<b>Anti-Inflammatory Functions of Non-Transcriptional IRF3</b>	<b>No</b>	<b>\$310,051</b>	<b>\$154,808</b>	<b>\$464,859</b>	<b>\$23,243</b>
<i>2/1/22 to 1/31/23 National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	95			
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of	5			
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				
<b>C-128671-02</b>	<b>Neural mechanisms of host-microbiota interaction in hypertension: a potential for bio-electronic medicine</b>	<b>No</b>	<b>\$362,907</b>	<b>\$76,955</b>	<b>\$439,862</b>	<b>\$439,862</b>
<i>6/1/22 to 5/31/23 National Heart, Lung &amp; Blood Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Zubcevic, Jasenka	Physiology & Pharmacology, Department of	100			
<b>C-128672-02</b>	<b>A novel model to study COVID-19 and Hypertension</b>	<b>No</b>	<b>\$125,000</b>	<b>\$68,125</b>	<b>\$193,125</b>	<b>\$193,125</b>
<i>6/1/22 to 5/31/23 National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Joe, Bina	Physiology & Pharmacology, Department of	100			
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of				
Co-I	Huntley, Jason F.	Med Microbiology & Immunology, Department of				
<b>C-128815-02</b>	<b>Dormitory wastewater monitoring of SARS-CoV-2 at Universities and Colleges in the State of Ohio</b>	<b>No</b>	<b>\$300,077</b>	<b>\$75,019</b>	<b>\$375,096</b>	<b>\$150,038</b>
<i>7/1/21 to 6/30/22 Ohio Water Resources Center through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Department of	40			
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	40			
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of	20			
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				
<b>C-128823-02</b>	<b>Interplay between gut microbiota and bile acids in renal and vascular pathophysiology</b>	<b>No</b>	<b>\$67,310</b>	<b>\$0</b>	<b>\$67,310</b>	<b>\$67,310</b>
<i>4/1/22 to 3/31/23 American Heart Association - National</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Joe, Bina	Physiology & Pharmacology, Department of	100			
Co-I	Kumar, Matam Vijay	Physiology & Pharmacology, Department of				
<b>C-129140-02</b>	<b>Mechanotranscriptional regulation of Coronary angiogenesis</b>	<b>No</b>	<b>\$71,306</b>	<b>\$0</b>	<b>\$71,306</b>	<b>\$71,306</b>
<i>4/1/22 to 3/31/23 American Heart Association - National</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Thodeti, Charles K.	Physiology & Pharmacology, 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>Physiology &amp; Pharmacology, Department of</b>								
<b>C-129271-05</b>	<b>Integration of Leukotriene and Prostaglandin Receptor Signaling in Mast Cell Activation and Pulmonary Inflammation during Asthma</b>			<b>No</b>	<b>\$250,000</b>	<b>\$105,767</b>	<b>\$355,767</b>	<b>\$355,767</b>
<i>2/1/22 to 1/31/23</i>	<i>National Institute of Allergy &amp; Infectious Diseases</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Paruchuri, Sailaja M.	Physiology & Pharmacology, Department of				100		
<b>N-127801-01-A1</b>	<b>Targeting innate immunity and gut microbiota to treat iron-induced adverse effects in Inflammatory Bowel Disease</b>			<b>No</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$90,000</b>	<b>\$90,000</b>
<i>7/1/21 to 6/30/22</i>	<i>Crohn's and Colitis Foundation of America</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of				100		
<b>N-128393-01-A1</b>	<b>Astrocyte insulin resistance-induced neuroendocrine defects in pubertal delay and hypogonadotropic hypogonadism</b>			<b>No</b>	<b>\$345,072</b>	<b>\$188,065</b>	<b>\$533,137</b>	<b>\$533,137</b>
<i>5/1/22 to 1/31/23</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.	Physiology & Pharmacology, Department of				100		
Stdnt Schol	Atallah, Marina Christine							
Stdnt Schol	Braun, Jessica Jordan							
Stdnt Schol	Gorrell, Courtney							
<b>N-128578-01-A1</b>	<b>Targeting Gut Microbiota Metabolites to Prevent Liver Cancer</b>			<b>No</b>	<b>\$40,138</b>	<b>\$0</b>	<b>\$40,138</b>	<b>\$40,138</b>
<i>1/13/22 to 1/12/25</i>	<i>National Cancer Institute</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of				100		
<b>N-128865-01</b>	<b>Targeting Neutrophil Extracellular Traps in Hypertension</b>			<b>No</b>	<b>\$70,000</b>	<b>\$7,000</b>	<b>\$77,000</b>	<b>\$77,000</b>
<i>7/1/21 to 6/30/22</i>	<i>American Heart Association - National</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of				100		
<b>N-128872-01</b>	<b>The role of gut microbiota in antihypertensive drug resistance and resistant hypertension</b>			<b>No</b>	<b>\$70,000</b>	<b>\$7,000</b>	<b>\$77,000</b>	<b>\$77,000</b>
<i>7/1/21 to 6/30/22</i>	<i>American Heart Association - National</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Yang, Tao	Physiology & Pharmacology, Department of				100		
<b>N-128903-01-A1</b>	<b>Novel antiviral mechanisms of interferon system</b>			<b>No</b>	<b>\$302,173</b>	<b>\$148,334</b>	<b>\$450,507</b>	<b>\$45,051</b>
<i>5/25/22 to 4/30/23</i>	<i>National Institute of Allergy &amp; Infectious Diseases</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of				90		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of				10		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				0		



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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Physiology &amp; Pharmacology, Department of</b>						
<b>N-129052-01</b>	<b>Health Effects of Aerosolized Cyanotoxins in At-Risk Pre-existing Disease States</b>	No	\$268,821	\$0	\$268,821	
<i>7/1/21 to 12/31/23 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	45			
Co-I	Gohara, Amira	Pathology, Department of	5			
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	5			
Co-I	Kennedy, David Joseph	Medicine, Department of	40			
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of				
Co-I	Willey, James	Medicine, Department of	5			
<b>N-129140-01</b>	<b>Mechanotranscriptional regulation of Coronary angiogenesis</b>	No	\$69,446	\$0	\$69,446	\$69,446
<i>7/1/21 to 3/31/22 American Heart Association - National</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Thodeti, Charles K.	Physiology & Pharmacology, Department of	100			
<b>N-129182-01</b>	<b>State of Ohio wastewater SARS-CoV-2 surveillance</b>	No	\$525,214	\$131,304	\$656,518	\$164,130
<i>7/1/21 to 6/30/22 Centers for Disease Control and Prevention through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of	50			
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of	25			
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of	25			
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of				
<b>N-129235-01</b>	<b>PFI TT: A hand-held device for rapid and accurate determination of cancerous tumor margins during surgical resections</b>	No	\$166,112	\$83,886	\$249,998	\$50,000
<i>2/1/22 to 1/31/24 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of	40			
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of	20			
Co-I	Chaudhuri, Prabir	Surgery, Department of	20			
Co-I	Dominiak, Nicole Rachel	Pathology, Department of	20			
Stdnt Schol	Dumevi, Joel					
Stdnt Schol	Fox, Corbin Jacob					
<b>N-129236-01</b>	<b>Determining the context specificity of metformin treatment on mitochondria and healthspan</b>	No	\$28,700	\$15,642	\$44,342	\$44,342
<i>4/1/22 to 12/31/22 National Institute on Aging through Oklahoma Medical Research Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Koch, Lauren Gerard	Physiology & Pharmacology, Department of	100			

## Medicine and Life Sciences, College of

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<b>Physiology &amp; Pharmacology, Department of</b>								
<b>T-129011-03</b>	<b>Mechanical Control of Coronary Angiogenesis in Myocardial Adaptation to Ischemia</b>			No	\$308,133	\$167,932	\$476,065	\$476,065
<i>8/1/21 to 7/31/22 National Heart, Lung &amp; Blood Institute</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Thodeti, Charles K.	Physiology & Pharmacology, Department of			90		
	Co-PI	Paruchuri, Sailaja M.	Physiology & Pharmacology, Department of			10		
<b>T-129011-03-I01</b>	<b>Mechanical Control of Coronary Angiogenesis in Myocardial Adaptation to Ischemia</b>			No	\$255,975	\$139,506	\$395,481	\$395,481
<i>8/1/21 to 7/31/22 National Heart, Lung &amp; Blood Institute</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Thodeti, Charles K.	Physiology & Pharmacology, Department of			90		
	Co-I	Paruchuri, Sailaja M.	Physiology & Pharmacology, Department of			10		
<b>T-129271-04</b>	<b>Integration of Leukotriene and Prostaglandin Receptor Signaling in Mast Cell Activation and Pulmonary Inflammation during Asthma</b>			No	\$241,887	\$99,457	\$341,344	\$341,344
<i>8/1/21 to 1/31/22 National Institute of Allergy &amp; Infectious Diseases</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Paruchuri, Sailaja M.	Physiology & Pharmacology, Department of			100		
				Sum of Department ( <b>Physiology &amp; Pharmacology, Departm</b>		Award Count: <b>19.00</b>		<b>\$4,156,216</b>
<b>Psychiatry, Department of</b>								
<b>C-010532-27</b>	<b>Adult Psychiatry Residency and Training Program</b>			No	\$38,095	\$1,905	\$40,000	\$40,000
<i>7/1/21 to 6/30/22 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-101317-17</b>	<b>Child and Adolescent Psychiatry Residency and Training Program</b>			No	\$28,571	\$1,429	\$30,000	\$30,000
<i>7/1/21 to 6/30/22 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	Kelly, Victoria C.	Psychiatry, Department of			25		
	Co-I	Migliori, Jamie Leigh	Psychiatry, Department of			25		
<b>D-128887-01</b>	<b>Ohio State Opioid Response (SOR) Project 2.0</b>			No	\$(36,081)	\$(3,609)	\$(39,690)	\$(39,690)
<i>10/1/20 to 9/30/21 Substance Abuse and Mental Health Services Administration through Mental Health and Recovery Services Board</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, 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>Psychiatry, Department of</b>							
<b>N-128176-01-A1</b>	<b>A large sample machine learning network analysis of vertex cortical thickness measures for high resolution definition of PTSD related cortical structure abnormalities</b>		<b>No</b>	<b>\$150,752</b>	<b>\$74,313</b>	<b>\$225,065</b>	<b>\$112,533</b>
<i>1/17/22 to 12/31/22</i>	<i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			50		
Co-I	Chen, Tian	Mathematics & Statistics, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					
Co-I	Xie, Hong	Neurosciences, Department of					
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of			50		
<b>N-128479-01-A1</b>	<b>Using pre-pandemic baseline data in people with and without PTSD to study effects of the COVID-19 pandemic on mental health and brain emotion circuits</b>		<b>No</b>	<b>\$150,000</b>	<b>\$74,288</b>	<b>\$224,288</b>	<b>\$112,144</b>
<i>3/3/22 to 2/28/23</i>	<i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			50		
PI/PD	Xie, Hong	Neurosciences, Department of			50		
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					
<b>N-129006-01</b>	<b>Engaging Fathers in Cross-Cutting Violence Prevention: A Dual Generation Evaluation of the ACT Raising Safe Kids Program to Prevent Multiple Forms of Violence</b>		<b>No</b>	<b>\$11,122</b>	<b>\$6,061</b>	<b>\$17,183</b>	<b>\$17,183</b>
<i>9/30/21 to 9/29/22</i>	<i>Centers for Disease Control and Prevention through University of Georgia at Athens</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Knox, Michele	Psychiatry, Department of			100		
<b>N-129287-01</b>	<b>Prediction of Relapse in Opioid Addiction via a Novel Wearable Technology (PreLapse)</b>		<b>No</b>	<b>\$225,443</b>	<b>\$122,867</b>	<b>\$348,310</b>	<b>\$34,831</b>
<i>4/13/22 to 6/30/23</i>	<i>Ohio Department of Higher Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Pappada, Scott Michael	Anesthesiology, Department of			50		
Co-I	Cameron, Brent D.	Bioengineering, Department of			35		
Co-I	Duggan, Joan	Medicine, Department of			5		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			5		
Co-I	Singh, Tanvir	Psychiatry, Department of			5		
Sum of Department ( <b>Psychiatry, Department of</b> ) Award Count: <b>5.10</b>							<b>\$307,001</b>

## Resid Prgm-Family Practice

## 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-Family Practice</b>						
<b>N-126701-01</b>	<b>Choose Ohio First: PCMH</b>	<b>Yes</b>	<b>\$30,000</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$22,500</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	Schaefer, Paul L.	Resid Prgm-Family Practice	75			
Co-PI	Hickey, Daniel	Family Medicine, Department of	25			
Stdnt Schol	Ingram, Evan Miles					
Stdnt Schol	Miniato, Mohammed A.					
Stdnt Schol	Najjar, Amira Amanda					
Stdnt Schol	Saleh, Hanan Ahmed					
Stdnt Schol	Sims, Ariel B.					
Stdnt Schol	Soni, Jalpa Shivam					
Sum of Department ( <b>Resid Prgm-Family Practice</b> )						Award Count: <b>0.75</b>
						<b>\$22,500</b>
<b>Surgery, Department of</b>						
<b>C-124711-07</b>	<b>Registry Study: Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia</b>	<b>No</b>	<b>\$(458)</b>	<b>\$(147)</b>	<b>\$(605)</b>	<b>\$(605)</b>
<i>7/1/21 to 6/30/22 National Heart, Lung &amp; Blood Institute through New England Research Institutes, Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100			
<b>C-126348-05</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>No</b>	<b>\$5,002</b>	<b>\$1,600</b>	<b>\$6,602</b>	<b>\$6,602</b>
<i>7/1/21 to 6/30/22 Boston Biomedical</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schroeder, Jason Lee	Surgery, Department of	100			
<b>C-127023-04</b>	<b>STANDARD CHEMOTHERAPY VERSUS CHEMOTHERAPY CHOSEN BY CANCER STEM CELL CHEMOSENSITIVITY TESTING IN THE MANAGEMENT OF PATIENTS WITH RECURRENT GLIOBLASTOMA MULTIFORME (GBM). IRB#202696</b>	<b>No</b>				
<i>7/1/21 to 6/30/22 Cordgenics, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Schroeder, Jason Lee	Surgery, Department of	100			
Co-I	Skeel, Roland	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>C-127409-03</b>	<b>Molecular and Functional Analysis of Hirschsprung Defects in Humans and Mouse</b>		<b>No</b>	<b>\$21,301</b>	<b>\$11,609</b>	<b>\$32,910</b>	<b>\$32,910</b>
<i>4/1/22 to 3/31/23</i>	<i>National Institutes of Health through University of Pittsburgh</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kalinoski, Andrea L.	Surgery, Department of			100		
<b>N-125652-01</b>	<b>Prospective Observational Trial to Evaluate the Correlation of T-SPOT response to CMV disease and T cell mediated acute graft rejection, as amended from time to time and incorporated herein by reference (herein referred to as the "Observational Plan" (PROTECT))</b>		<b>Yes</b>	<b>\$837</b>	<b>\$251</b>	<b>\$1,088</b>	<b>\$1,088</b>
<i>4/14/16 to 4/13/17</i>	<i>Chiltern International Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ortiz, Jorge	Surgery, Department of			100		
Co-I	Rees, Michael A.	Urology, Department of					
<b>N-129235-01</b>	<b>PFI TT: A hand-held device for rapid and accurate determination of cancerous tumor margins during surgical resections</b>		<b>No</b>	<b>\$166,112</b>	<b>\$83,886</b>	<b>\$249,998</b>	<b>\$50,000</b>
<i>2/1/22 to 1/31/24</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of			40		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			20		
Co-I	Chaudhuri, Prabir	Surgery, Department of			20		
Co-I	Dominiak, Nicole Rachel	Pathology, Department of			20		
Stdnt Schol	Dumevi, Joel						
Stdnt Schol	Fox, Corbin Jacob						
<b>N-129410-01</b>	<b>Mechanisms Governing Arterial Stiffness in an Animal Model</b>		<b>No</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>11/3/21 to 11/2/22</i>	<i>F.M. Douglass Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kalinoski, Andrea L.	Surgery, Department of			100		
Sum of Department ( <b>Surgery, Department of</b> ) Award Count: <b>6.20</b>							<b>\$109,995</b>
<b>Urology, Department of</b>							
<b>C-127516-03-I01</b>	<b>APOL1 studies in kidney transplantation consortium clinical centers (ASK-CCC)</b>		<b>No</b>	<b>\$2,219</b>	<b>\$1,209</b>	<b>\$3,428</b>	<b>\$3,428</b>
<i>3/25/21 to 5/31/22</i>	<i>National Institutes of Health through Cleveland Clinic Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ekwenna, Obi	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>C-128140-03</b>	<b>Phase 3, Multicenter, Double-Blind, Randomized, Placebo-Controlled Trial of Infigratinib for the Adjuvant Treatment of Subjects with Invasive Urothelial Carcinoma with Susceptible FGFR3 Genetic Alterations</b>		<b>No</b>	<b>\$23,600</b>	<b>\$7,552</b>	<b>\$31,152</b>	<b>\$31,152</b>
<i>7/1/21 to 6/30/22</i>	<i>QED Clinical Research, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Petros, Firas G.	Urology, Department of			100		
<b>C-128239-02</b>	<b>The PROspera Kidney Transplant ACTIVE Rejection Detection Registry (PROACTIVE) Study</b>		<b>No</b>	<b>\$72,930</b>	<b>\$23,338</b>	<b>\$96,268</b>	<b>\$96,268</b>
<i>7/1/20 to 6/30/21</i>	<i>Natera Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ekwenna, Obi	Urology, Department of			100		
<b>C-128239-03</b>	<b>The PROspera Kidney Transplant ACTIVE Rejection Detection Registry (PROACTIVE) Study (Investigator Initiated)</b>		<b>No</b>	<b>\$290,604</b>	<b>\$92,994</b>	<b>\$383,597</b>	<b>\$383,597</b>
<i>7/1/21 to 6/30/22</i>	<i>Natera Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ekwenna, Obi	Urology, Department of			100		
<b>C-128649-02</b>	<b>A Phase 3 Study of CG0070 in Patients with Non-Muscular Invasive Bladder Cancer (NMIBC) Unresponsive to Bacillus-Calmette-Guerin (BCG)</b>		<b>No</b>	<b>\$104,689</b>	<b>\$33,500</b>	<b>\$138,189</b>	<b>\$138,189</b>
<i>7/1/21 to 6/30/22</i>	<i>CG Oncology, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Petros, Firas G.	Urology, Department of			100		
Co-I	Skeel, Roland	Medicine, Department of					
<b>N-125652-01</b>	<b>Prospective Observational Trial to Evaluate the Correlation of T-SPOT response to CMV disease and T cell mediated acute graft rejection, as amended from time to time and incorporated herein by reference (herein referred to as the "Observational Plan" (PROTECT)</b>		<b>Yes</b>	<b>\$837</b>	<b>\$251</b>	<b>\$1,088</b>	
<i>4/14/16 to 4/13/17</i>	<i>Chiltern International Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ortiz, Jorge	Surgery, Department of			100		
Co-I	Rees, Michael A.	Urology, Department of					
<b>N-129060-01</b>	<b>Personalization of Immunosuppressive Treatment for Organ Transplant Recipients</b>		<b>No</b>	<b>\$40,152</b>	<b>\$12,848</b>	<b>\$53,000</b>	<b>\$53,000</b>
<i>8/16/21 to 8/15/23</i>	<i>Virginia BioAnalytics, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ekwenna, Obi	Urology, Department of			100		
Stdnt Schol	Megbuwawon, Temitope Cecilia						

## 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-129125-01</b>	<b>Verification of the induction in antibody response against the SARS-CoV-2 virus by Pfizer and Moderna vaccines in kidney transplant patients</b>		No	\$250,800	\$62,700	\$313,500	\$31,350
7/27/21 to 7/26/23	University of Toledo Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of				90	
Co-I	Rees, Michael A.	Urology, Department of				10	
<b>N-129687-01</b>	<b>Use of Prospera dd-cfDNA Test to Predict and Monitor Delayed Graft Function in Kidney Transplant Patients (DGF - Investigator initiated)</b>		No	\$124,000	\$39,680	\$163,680	\$163,680
4/12/22 to 4/11/27	Natera Inc						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Ekwenna, Obi	Urology, Department of				100	
Sum of Department ( <b>Urology, Department of</b> )					Award Count: 7.10		\$900,664
Sum of College ( <b>Medicine and Life Sciences, College of</b> )					Award Count: 147.59		\$21,403,139

## 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>Administration, College of Natural Sciences &amp; Mathematics</b>							
<b>N-129617-01</b>	<b>Curricular Analytics</b>		No	\$5,000	\$0	\$5,000	\$5,000
3/2/22 to 8/31/24	Ascendium Education Group through Colorado State University						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Ashburner, Brian P.	Administration, College of Natural Sciences & Mathematics				100	
Co-I	Toland, Michael	Dean-Education					
Sum of Department ( <b>Administration, College of Natural Sci</b> )					Award Count: 1.00		\$5,000

## Biological Sciences, Department of

<b>C-126083-04</b>	<b>The role of platelets in oral candidiasis</b>		No	\$240,971	\$131,329	\$372,300	\$186,150
1/1/22 to 12/31/22	National Institute of Dental and Craniofacial Research						
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>	
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of				50	
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of				50	

## 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-126083-04-I01</b>	<b>The role of platelets in oral candidiasis</b>	No	\$24,096	\$13,133	\$37,229	\$18,615
1/1/22 to 12/31/22 <i>National Institute of Dental and Craniofacial Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of	50			
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of	50			
<b>C-127676-03</b>	<b>Regulation of epithelial junctions and lumen morphogenesis by the Scribble/SGEF/Dlg1 complex</b>	No	\$195,021	\$79,986	\$275,007	\$275,007
4/1/22 to 3/31/23 <i>National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Garcia-Mata, Rafael	Biological Sciences, Department of	100			
Co-I	Goicoechea, Silvia M.	Biological Sciences, Department of				
Stdnt Schol	Davuluri, Tarak Sai					
<b>C-129202-01-I01</b>	<b>Exploring the virome and RNAi strategies for disease control</b>	No	\$8,250	\$825	\$9,075	\$9,075
9/1/21 to 8/31/23 <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>D-126943-04</b>	<b>RESEARCH - PGR: Elucidating Maize Gene Regulatory Networks to Accelerate Translational Genomics</b>	No	\$(24,352)	\$(12,054)	\$(36,406)	\$(36,406)
2/1/21 to 1/31/23 <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			
Stdnt Schol	John, Jerrin					
Stdnt Schol	Tschantz, Jessica June					
<b>D-129019-01</b>	<b>CDHR5 as a tumor suppressor in the gut</b>	No	\$(27,273)	\$(2,727)	\$(30,000)	\$(30,000)
7/1/21 to 6/30/22 <i>Ohio Cancer Research Associates</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Crawley, William Scott	Biological Sciences, Department of	100			
<b>N-127802-01-A1</b>	<b>Centriolar Biomarkers of Bull Sperm</b>	No	\$350,003	\$149,997	\$500,000	\$480,000
7/1/21 to 6/30/24 <i>U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of	96			
Co-I	Kirschbaum, Kristin	Instrumentation Center	2			
Co-I	Saltzman, Barbara	Department of Population Health	2			
Stdnt Schol	Gupta, Neha Suresh					



## 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-128279-01</b>	<b>The Erk1/2–c-Fos/Egr1 Pathway in Neutrophil Versus Monocyte Lineage Specification</b>			<b>No</b>	<b>\$300,000</b>	<b>\$151,500</b>	<b>\$451,500</b>	<b>\$451,500</b>
<i>7/1/21 to 6/30/22 National Heart, Lung &amp; Blood Institute</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Dong, Fan	Biological Sciences, Department of			100		
	Stdnt Schol	Bhoopathi, Shreya						
	Stdnt Schol	Lughmani, Zainab Mehreen						
	Stdnt Schol	Morankar, Bhavana Chandrakant						
<b>N-128711-01</b>	<b>CDHR5 tumor suppressor function in the intestine</b>			<b>No</b>	<b>\$298,484</b>	<b>\$150,734</b>	<b>\$449,218</b>	<b>\$449,218</b>
<i>9/1/21 to 8/31/24 National Cancer Institute</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Crawley, William Scott	Biological Sciences, Department of			100		
<b>N-128826-01</b>	<b>Training in Molecular and Translational Cell Dynamics</b>			<b>No</b>	<b>\$202,832</b>	<b>\$11,441</b>	<b>\$214,273</b>	<b>\$10,714</b>
<i>5/1/22 to 4/30/23 National Institute of General Medical Sciences</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Osman, Mahasin	Medicine, Department of			93		
	Co-I	Avidor-Reiss, Tomer	Biological Sciences, Department of			5		
	Co-I	Dworkin, Lance	Medicine, Department of			1		
	Co-I	Smith, Robert Erne	Neurosciences, Department of			1		
<b>N-128836-01</b>	<b>The mechanism of cell size regulation by polycystins</b>			<b>No</b>	<b>\$236,427</b>	<b>\$88,084</b>	<b>\$324,511</b>	<b>\$324,511</b>
<i>4/15/22 to 3/31/23 National Institute of General Medical Sciences</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Chen, Qian	Biological Sciences, Department of			100		
<b>N-129019-01</b>	<b>CDHR5 as a tumor suppressor in the gut/or CDHR5 tumor suppressor function in the intestine</b>			<b>No</b>	<b>\$27,273</b>	<b>\$2,727</b>	<b>\$30,000</b>	<b>\$30,000</b>
<i>7/1/21 to 6/30/22 Ohio Cancer Research Associates</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Crawley, William Scott	Biological Sciences, Department of			100		
<b>N-129074-01</b>	<b>Identifying Rhabdoviral Virulence Factors Using In Vitro Approaches</b>			<b>No</b>	<b>\$270,136</b>	<b>\$17,655</b>	<b>\$287,791</b>	<b>\$287,791</b>
<i>7/1/21 to 6/30/23 U.S. Department of Agriculture</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Krishnamurthy, Malathi	Biological Sciences, Department of			100		
<b>N-129148-01</b>	<b>CAREER: The regulation of cytokinesis by calcium</b>			<b>No</b>	<b>\$184,551</b>	<b>\$90,976</b>	<b>\$275,527</b>	<b>\$275,527</b>
<i>1/1/22 to 12/31/23 National Science Foundation</i>								
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Chen, Qian	Biological Sciences, Department of			100		

## 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>N-129201-01</b>	<b>Molecular and cellular analysis of the effects of silicon on stress tolerance in crop plants</b>	No	\$88,090	\$8,809	\$96,899	\$96,899
<i>9/1/21 to 8/31/22</i> <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>N-129202-01</b>	<b>Exploring the virome and RNAi strategies for disease control</b>	No	\$126,042	\$12,604	\$138,646	\$138,646
<i>9/1/21 to 8/31/23</i> <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>N-129254-01</b>	<b>Sperm Centrioles and Bull Subfertility</b>	No	\$20,000	\$10,100	\$30,100	\$30,100
<i>1/1/22 to 12/31/23</i> <i>Select Sires Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of			100	
<b>S-127676-02-S1</b>	<b>Regulation of epithelial junctions and lumen morphogenesis by the Scribble/SGEF/Dlg1 complex</b>	No	\$44,110	\$0	\$44,110	\$44,110
<i>4/1/21 to 3/31/22</i> <i>National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Garcia-Mata, Rafael	Biological Sciences, Department of			100	
Co-I	Goicoechea, Silvia M.	Biological Sciences, Department of				
Sum of Department ( <b>Biological Sciences, Department of</b> )						Award Count: 16.01
						<b>\$3,041,456</b>
<b>Chemistry and Biochemistry, Department of</b>						
<b>C-125971-05</b>	<b>Rapid and Economic Synthesis of Next Generation Herbicides via Carbon Dioxide-Directed C-H Bond Functionalization</b>	No	\$50,000	\$0	\$50,000	\$50,000
<i>7/1/21 to 6/30/23</i> <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	
Stdnt Schol	Grant, Aaron James Daniel					
<b>C-127518-03</b>	<b>Methods to synthesize oligosaccharide-fusion protein conjugates and enhancement of their antigenicity</b>	No	\$294,151	\$148,546	\$442,697	\$199,214
<i>1/1/22 to 12/31/22</i> <i>National Institute of Allergy &amp; Infectious Diseases</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Succheck, Steven Joseph	Chemistry and Biochemistry, Department of			45	
Co-I	Prestwich, Erin G.	Medicinal and Biological Chemistry, Department of			17	
Co-I	Wall, Katherine Ann	Medicinal and Biological Chemistry, Department of			38	

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This report does **not** show all projects that were active in FY22. 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>Chemistry and Biochemistry, Department of</b>								
<b>C-127522-02</b>	<b>Development of analytical methods for complex matrices using matrix-compatible SPME fibers</b>			No	\$13,289	\$6,711	\$20,000	\$20,000
6/1/22 to 5/31/24	Supelco							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			100		
<b>C-127906-02</b>	<b>Mechanistic Investigation of Proteostasis at the Outer Mitochondrial Membrane</b>			No	\$250,000	\$126,250	\$376,250	\$376,250
9/1/21 to 8/31/22	National Institute of General Medical Sciences							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Wohlever, Matthew	Chemistry and Biochemistry, Department of			100		
<b>C-127952-05</b>	<b>Novel methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates</b>			No	\$19,930	\$10,070	\$30,000	\$30,000
7/1/21 to 6/30/22	National Institutes of Health through University of Georgia at Athens							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Andreana, Peter R.	Chemistry and Biochemistry, Department of			100		
<b>C-128149-03</b>	<b>Mycobacterial trehalose metabolism as drug targets</b>			No	\$140,868	\$71,138	\$212,006	\$212,006
7/1/21 to 6/30/22	National Institute of Allergy & Infectious Diseases through University of Nebraska Medical Center							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Sucheck, Steven Joseph	Chemistry and Biochemistry, Department of			100		
<b>C-128172-02</b>	<b>Using Microcystin Degrading Bacteria and their Enzymes for Water Treatment</b>			No	\$222,987	\$121,528	\$344,515	\$17,226
9/1/21 to 8/31/22	National Oceanic and Atmospheric Administration							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			95		
	Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
<b>C-128172-03</b>	<b>Using Microcystin Degrading Bacteria and their Enzymes for Water Treatment</b>			No	\$240,438	\$131,039	\$371,477	\$18,574
9/1/21 to 8/31/23	National Oceanic and Atmospheric Administration							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			95		
	Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
<b>C-128255-02</b>	<b>Optical control of endogenous G protein Coupled Receptor and G Protein Signaling</b>			No	\$186,517	\$94,191	\$280,708	\$280,708
1/1/22 to 12/31/22	National Institute of General Medical Sciences							
	<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
	PI/PD	Karunaratne, Welivitiya K.	Chemistry and Biochemistry, Department of			85		
	Co-I	Sucheck, Steven Joseph	Chemistry and Biochemistry, Department of			15		

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Chemistry and Biochemistry, Department of</b>						
<b>C-128255-02-I01</b>	<b>Optical control of endogenous G protein Coupled Receptor and G Protein Signaling</b>	No	\$20,725	\$10,466	\$31,191	\$31,191
<i>1/1/22 to 12/31/22 National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Karunarathne, Welivitiya K.	Chemistry and Biochemistry, Department of	85			
Co-I	Sucheck, Steven Joseph	Chemistry and Biochemistry, Department of	15			
<b>C-128261-02</b>	<b>Structural and proton dynamics of pyridoxal-5'-phosphate dependent enzymes</b>	No	\$78,406	\$39,594	\$118,000	\$118,000
<i>9/1/21 to 8/31/22 National Institute of General Medical Sciences through University of Georgia at Athens</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-128363-03</b>	<b>Harmful Algae Microbiome</b>	No	\$83,384	\$16,616	\$100,000	\$60,000
<i>10/1/21 to 9/30/22 U.S. Department of Energy through Lawrence Livermore National Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of	60			
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	40			
<b>C-128710-02</b>	<b>Molecular Design of Lead Acid Battery Model Expanders</b>	No	\$170,034	\$78,599	\$248,633	\$248,633
<i>6/1/22 to 5/31/23 Argonne National Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lind-Kovacs, Cora	Chemistry and Biochemistry, Department of	100			
<b>C-129183-02</b>	<b>Hot Air Tunnel (HAT Program)</b>	No	\$298,749	\$138,364	\$437,113	\$231,670
<i>4/13/22 to 1/31/23 U.S. Department of the Army through Teledyne Brown Engineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Huebner, Steven Roy	Mechanical, Industrial, and Manufacturing Engineering, Department of	40			
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of	5			
Co-I	Mason, Mark R.	Chemistry and Biochemistry, Department of	53			
Co-I	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing Engineering, Department of	2			
<b>N-128397-01</b>	<b>CAREER: Expanding the Toolbox for Olefin Functionalization and Difunctionalization Reactions</b>	No	\$282,599	\$106,809	\$389,408	\$389,408
<i>8/1/21 to 7/31/23 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Young, Michael Christopher	Chemistry and Biochemistry, Department of	100			

## Natural Sciences & Mathematics, College of

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<b>Chemistry and Biochemistry, Department of</b>						
<b>N-128987-01</b>	<b>Discovery and Characterization of Novel Halogenases from the Human Microbiome</b>	<b>No</b>	<b>\$300,000</b>	<b>\$124,735</b>	<b>\$424,735</b>	<b>\$424,735</b>
<i>9/15/21 to 8/31/24 National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bellizzi, John J.	Chemistry and Biochemistry, Department of		100		
Stdnt Schol	Bonds, Audrey					
Stdnt Schol	Curran, Emma Michelle					
Stdnt Schol	Heffelfinger, Madison Rose					
Stdnt Schol	Koka, Sanjay Satya Akunuri					
Stdnt Schol	Tetteh, Angela Korkor					
<b>N-129051-01</b>	<b>Health Effects of Dermal Contact to Cyanotoxins in At-Risk Pre-existing Disease States</b>	<b>No</b>	<b>\$265,934</b>	<b>\$0</b>	<b>\$265,934</b>	<b>\$13,297</b>
<i>7/1/21 to 12/31/23 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		40		
Co-I	Gohara, Amira	Pathology, Department of		5		
Co-I	Haller, Steven T.	Medicine, Department of		40		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of		5		
Co-I	Mukundan, Deepa	Pediatrics, Department of		5		
Co-I	Tiwari, Amit K.	Medicine, Department of		5		
<b>N-129052-01</b>	<b>Health Effects of Aerosolized Cyanotoxins in At-Risk Pre-existing Disease States</b>	<b>No</b>	<b>\$268,821</b>	<b>\$0</b>	<b>\$268,821</b>	<b>\$13,441</b>
<i>7/1/21 to 12/31/23 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		45		
Co-I	Gohara, Amira	Pathology, Department of		5		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of		5		
Co-I	Kennedy, David Joseph	Medicine, Department of		40		
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of				
Co-I	Willey, James	Medicine, Department of		5		
<b>N-129065-01</b>	<b>Discovery of Novel Cyanotoxins in HAB samples from Lake Erie and Maumee River and Investigation of their Toxicity</b>	<b>No</b>	<b>\$189,176</b>	<b>\$0</b>	<b>\$189,176</b>	<b>\$151,341</b>
<i>7/1/21 to 12/31/23 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of		80		
Co-I	Haller, Steven T.	Medicine, Department of		10		
Co-I	Kennedy, David Joseph	Medicine, Department of		10		

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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>Chemistry and Biochemistry, Department of</b>						
<b>N-129066-01</b>	<b>Development of Corncob-based Materials and Filters for Removal of Cyanotoxins from Water</b>	<b>No</b>	<b>\$145,166</b>	<b>\$0</b>	<b>\$145,166</b>	<b>\$145,166</b>
<i>7/1/21 to 12/31/23 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of			100	
<b>N-129084-01</b>	<b>New liquid chromatography solutions for analysis of cyanobacterial neurotoxins</b>	<b>No</b>	<b>\$6,000</b>	<b>\$0</b>	<b>\$6,000</b>	<b>\$6,000</b>
<i>7/1/21 to 6/30/22 Restek Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			100	
<b>N-129144-01</b>	<b>CAREER: Understanding molecular mechanisms underlying chemical behavior of pollutants in heterogeneous environmental systems</b>	<b>No</b>	<b>\$195,018</b>	<b>\$96,969</b>	<b>\$291,987</b>	<b>\$291,987</b>
<i>4/1/22 to 3/31/23 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			100	
Stdnt Schol	McLeod, Chloe Grace					
<b>N-129183-01</b>	<b>Hot Air Tunnel (HAT Program)</b>	<b>No</b>	<b>\$250,605</b>	<b>\$117,280</b>	<b>\$367,885</b>	<b>\$169,227</b>
<i>8/2/21 to 6/30/22 U.S. Department of the Army through Teledyne Brown Engineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Huebner, Steven Roy	Mechanical, Industrial, and Manufacturing Engineering, Department of			46	
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of			8	
Co-I	Mason, Mark R.	Chemistry and Biochemistry, Department of			46	
<b>N-129232-01</b>	<b>CAREER: The Effects of Liquid-Liquid Phase Separation on Ubiquilin Chaperone and Triage Activity</b>	<b>No</b>	<b>\$262,659</b>	<b>\$132,643</b>	<b>\$395,302</b>	<b>\$395,302</b>
<i>12/1/21 to 11/30/23 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wohlever, Matthew	Chemistry and Biochemistry, Department of			100	
Stdnt Schol	Scheutzow, Ashley					
Stdnt Schol	Siffer, Gracie Emma					
<b>N-129579-01</b>	<b>Pavol (Paul) Kovac Fund for Advancement and Use of Synthetic Carbohydrates in the Life Sciences</b>	<b>No</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>
<i>5/1/22 to 4/30/24 Pavol (Paul) Kovac Fund</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-129586-01</b>	<b>Untargeted Analysis of treated Produced Water samples</b>	<b>No</b>	<b>\$4,983</b>	<b>\$2,516</b>	<b>\$7,499</b>	<b>\$7,499</b>
<i>4/11/22 to 11/11/22 Aris Water Solutions, Inc. through University of Texas at El Paso</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			100	

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<b>Chemistry and Biochemistry, Department of</b>						
<b>S-127906-01-S2</b>	<b>Mechanistic Investigation of Proteostasis at the Outer Mitochondrial Membrane</b>	No	\$176,765	\$0	\$176,765	\$176,765
<i>7/13/21 to 8/31/21 National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wohlever, Matthew	Chemistry and Biochemistry, Department of			100	
<b>S-128255-01-S1</b>	<b>Optical control of endogenous G protein Coupled Receptor and G Protein Signaling</b>	No	\$90,644	\$0	\$90,644	\$90,644
<i>7/23/21 to 12/31/21 National Institute of General Medical Sciences</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Karunaratne, Welivitiya K.	Chemistry and Biochemistry, Department of			100	
Sum of Department ( <b>Chemistry and Biochemistry, Departm</b>		Award Count: <b>22.04</b>		<b>\$4,238,283</b>		
<b>Environmental Sciences, Department of</b>						
<b>C-127391-03</b>	<b>Identification of Optimal Sites for Maumee AOC Restoration Actions in the Lower Maumee River</b>	No	\$73,633	\$12,886	\$86,519	\$86,519
<i>7/27/21 to 3/17/22 U.S. Geological Survey</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hintz, William	Environmental Sciences, Department of			55	
Co-I	Crail, Todd	Environmental Sciences, Department of			15	
Co-I	Mayer, Christine Marie	Environmental Sciences, Department of			15	
Co-I	Streby, Henry M.	Environmental Sciences, Department of			15	
<b>C-127705-03</b>	<b>Foodweb Dynamics in Western Lake Erie Associated with CSMI Sampling</b>	No	\$21,276	\$3,723	\$24,999	\$12,500
<i>9/15/21 to 12/31/22 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			25	
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center			25	
Co-PI	DeBruyne, Robin	Environmental Sciences, Department of			25	
Co-PI	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center			25	
<b>C-128267-03</b>	<b>Grass carp removal from Lake Erie and tributaries</b>	No	\$295,162	\$14,758	\$309,920	\$309,920
<i>3/1/22 to 2/28/23 Great Lakes Fishery Commission</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of			25	
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Department of			25	
Co-I	Hintz, William	Environmental Sciences, Department of			25	
Co-I	Qian, Song S.	Environmental Sciences, Department of			25	

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<b>Environmental Sciences, Department of</b>						
<b>C-128384-02</b>	<b>Lake Sturgeon survival, habitat use, and movements in Lake Erie</b>	<b>No</b>	<b>\$64,603</b>	<b>\$11,306</b>	<b>\$75,909</b>	<b>\$75,909</b>
<i>9/15/21 to 9/14/23</i>	<i>U.S. Geological Survey</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hintz, William	Environmental Sciences, Department of		50		
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Department of		25		
Co-I	Mayer, Christine Marie	Environmental Sciences, Department of		25		
<b>C-128627-03</b>	<b>H2Ohio Wetland Monitoring Program (Phase 4)</b>	<b>No</b>	<b>\$369,292</b>	<b>\$36,929</b>	<b>\$406,221</b>	<b>\$284,355</b>
<i>1/1/22 to 12/31/22</i>	<i>Ohio Department of Natural Resources through Ohio State University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of		40		
Co-I	Becker, Richard	Environmental Sciences, Department of		30		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		30		
Co-I	Qian, Song S.	Environmental Sciences, Department of		0		
Stdnt Schol	Martz, Michael T.					
Stdnt Schol	McMahan, Michala Dane					
Stdnt Schol	Tomalewski, Anthony M.					
<b>C-129308-01-I01</b>	<b>RSA for student employment</b>	<b>No</b>	<b>\$8,000</b>	<b>\$800</b>	<b>\$8,800</b>	<b>\$8,800</b>
<i>8/30/21 to 8/29/22</i>	<i>U.S. Department of Agriculture</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of		100		
Stdnt Schol	Adegoke, David Onimisi					
Stdnt Schol	Hire, Loren					
Stdnt Schol	Kohler, Morgan F.					
Stdnt Schol	Marzano, Shin-Yi					
<b>C-129308-01-I02</b>	<b>RSA for student employment</b>	<b>No</b>	<b>\$3,636</b>	<b>\$364</b>	<b>\$4,000</b>	<b>\$4,000</b>
<i>8/30/21 to 8/29/22</i>	<i>U.S. Department of Agriculture</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of		100		
Stdnt Schol	Adegoke, David Onimisi					
Stdnt Schol	Harms, Lee Sullivan					
Stdnt Schol	Hire, Loren					
Stdnt Schol	Kohler, Morgan F.					
Stdnt Schol	Leber, Laurel Brooke					
Stdnt Schol	Marzano, Shin-Yi					



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<b>Environmental Sciences, Department of</b>						
<b>C-129308-01-I03</b>	<b>RSA for student employment</b>	<b>No</b>	<b>\$1,818</b>	<b>\$182</b>	<b>\$2,000</b>	<b>\$2,000</b>
<i>8/30/21 to 8/29/22 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of	100			
Stdnt Schol	Adegoke, David Onimisi					
Stdnt Schol	Harms, Lee Sullivan					
Stdnt Schol	Hire, Loren					
Stdnt Schol	Kohler, Morgan F.					
Stdnt Schol	Leber, Laurel Brooke					
Stdnt Schol	Marzano, Shin-Yi					
<b>N-128339-01</b>	<b>Reducing the impacts of Chloride on aquatic species in the Maumee Area of Concern</b>	<b>No</b>	<b>\$241,658</b>	<b>\$69,245</b>	<b>\$310,903</b>	<b>\$310,903</b>
<i>1/15/22 to 12/31/23 U.S. Environmental Protection Agency through Ohio Environmental Protection Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hintz, William	Environmental Sciences, Department of	100			
<b>N-128565-01</b>	<b>Distance Education and Training on Emerging Contaminants and Technologies (DETECT)</b>	<b>No</b>	<b>\$50,951</b>	<b>\$4,076</b>	<b>\$55,027</b>	
<i>9/22/21 to 8/31/22 National Institute of Environmental Health Sciences through Purdue University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ames, April L.	Department of Population Health	40			
Co-I	Dwyer, Daryl	Environmental Sciences, Department of				
Co-I	Haller, Steven T.	Medicine, Department of				
Co-I	Kennedy, David Joseph	Medicine, Department of				
Co-I	Milz, Sheryl A.	Department of Population Health	20			
Co-I	Saltzman, Barbara	Department of Population Health	20			
Co-I	Valigosky, Michael	Department of Population Health	20			
<b>N-128855-01</b>	<b>An Exceptionally Low Lake Level in the Lake Erie Basin ca. 300 Years Ago</b>	<b>No</b>	<b>\$6,644</b>	<b>\$3,355</b>	<b>\$9,999</b>	<b>\$9,999</b>
<i>8/1/21 to 1/31/23 National Oceanic and Atmospheric Administration through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Fisher, Timothy G.	Environmental Sciences, Department of	100			
<b>N-128984-01</b>	<b>Tracing flow and transport pathways in geographically isolated wetlands using Rainwater and Ambient Temperature (RwAT)</b>	<b>No</b>	<b>\$154,833</b>	<b>\$0</b>	<b>\$154,833</b>	<b>\$154,833</b>
<i>7/1/21 to 12/31/23 Ohio Department of Higher Education through Ohio State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Doro, Kennedy Okioghene	Environmental 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>Environmental Sciences, Department of</b>						
<b>N-129088-01</b>	<b>Locating agricultural drainage tiles at large field scale using UAV imagery - A proof of concept study</b>	<b>No</b>	<b>\$6,641</b>	<b>\$3,354</b>	<b>\$9,995</b>	<b>\$9,995</b>
<i>8/1/21 to 7/31/22</i>	<i>National Oceanic and Atmospheric Administration through Ohio State University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Becker, Richard	Environmental Sciences, Department of		50		
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department of		50		
Stdnt Schol	Bartlett, Tara					
<b>N-129163-01</b>	<b>Regional Aquatic Invasive Species Early Detection, And Response - Phase IV (2020 – 2022)</b>	<b>No</b>	<b>\$19,934</b>	<b>\$10,066</b>	<b>\$30,000</b>	<b>\$30,000</b>
<i>8/5/21 to 4/30/23</i>	<i>U.S. Fish and Wildlife Service through Nature Conservancy</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of		100		
<b>N-129172-01</b>	<b>NACA: Effects of algal toxins on plants</b>	<b>No</b>	<b>\$88,090</b>	<b>\$8,809</b>	<b>\$96,899</b>	<b>\$96,899</b>
<i>8/1/21 to 7/31/23</i>	<i>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		
Stdnt Schol	New, Emily R.					
<b>N-129218-01</b>	<b>Assessment of the responses of fish communities and ecosystems in Great Lakes connecting channels to restoration and other environmental change</b>	<b>No</b>	<b>\$82,979</b>	<b>\$14,521</b>	<b>\$97,500</b>	<b>\$48,750</b>
<i>8/19/21 to 8/18/23</i>	<i>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		25		
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center		25		
Co-I	DeBruyne, Robin	Environmental Sciences, Department of		25		
Co-I	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center		25		
<b>N-129223-01</b>	<b>Fee for Service: Total Organic Carbon and Nitrogen Analyses</b>	<b>No</b>	<b>\$4,815</b>	<b>\$1,565</b>	<b>\$6,380</b>	<b>\$6,380</b>
<i>7/15/21 to 9/30/22</i>	<i>Ursinus College</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-129308-01</b>	<b>RSA for student employment</b>	<b>No</b>	<b>\$1,818</b>	<b>\$182</b>	<b>\$2,000</b>	<b>\$2,000</b>
<i>8/30/21 to 8/29/22</i>	<i>U.S. Department of Agriculture</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of		100		
Stdnt Schol	Hire, Loren					
Stdnt Schol	Kohler, Morgan F.					
Stdnt Schol	Marzano, Shin-Yi					

## 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>Environmental Sciences, Department of</b>						
<b>N-129331-01</b>	<b>Total Organic Carbon and Nitrogen Analyses</b>	<b>No</b>	<b>\$2,377</b>	<b>\$773</b>	<b>\$3,150</b>	<b>\$3,150</b>
<i>3/7/22 to 3/6/23 Michigan 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			
<b>N-129589-01</b>	<b>Drought-induced juvenile mortality as a mechanism underlying collapsing desert songbird communities: effects of water supplementation on Gray Vireo fledglings</b>	<b>No</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>2/1/22 to 11/30/22 T &amp; E, Inc.</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-129793-01</b>	<b>Robust High-resolution Magnetic Resonance Sensors for In-situ Measurements of Soil Hydrogeology at Coastal Interfaces</b>	<b>No</b>	<b>\$25,748</b>	<b>\$13,003</b>	<b>\$38,751</b>	<b>\$38,751</b>
<i>6/2/22 to 4/3/23 U.S. Department of Energy through Vista Clara Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of	100			
Stdnt Schol	Mason, Isabelle					
<b>R-123614-09</b>	<b>Research Support Agreement-Acquisition of Goods and Services</b>	<b>No</b>	<b>\$2,000</b>	<b>\$200</b>	<b>\$2,200</b>	<b>\$2,200</b>
<i>5/16/22 to 5/15/23 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>S-127785-01-S2</b>	<b>Investigating leaf angle response to temperature and carbon dioxide</b>	<b>No</b>	<b>\$26,796</b>	<b>\$2,680</b>	<b>\$29,476</b>	<b>\$29,476</b>
<i>8/1/21 to 7/31/23 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>S-128616-01-S1</b>	<b>COMPASS FME</b>	<b>No</b>	<b>\$1,258,587</b>	<b>\$411,413</b>	<b>\$1,670,000</b>	<b>\$1,503,000</b>
<i>5/10/21 to 9/30/23 U.S. Department of Energy through Battelle Memorial Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of	40			
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	10			
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department of	30			
Co-I	Qian, Song S.	Environmental Sciences, Department of				
Co-I	Spanbauer, Trisha	Environmental Sciences, Department of	20			
		<b>Sum of Department (Environmental Sciences, Department</b>	<b>Award Count: 21.60</b>			<b>\$3,035,338</b>

## Instrumentation Center

## Natural Sciences & Mathematics, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Instrumentation Center</b>						
<b>N-127802-01-A1</b>	<b>Centriolar Biomarkers of Bull Sperm</b>	No	\$350,003	\$149,997	\$500,000	\$10,000
<i>7/1/21 to 6/30/24 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of	96			
Co-I	Kirschbaum, Kristin	Instrumentation Center	2			
Co-I	Saltzman, Barbara	Department of Population Health	2			
Stdnt Schol	Gupta, Neha Suresh					
Sum of Department (Instrumentation Center) Award Count: 0.02						\$10,000
<b>Lake Erie Soil and Water Research and Education Center</b>						
<b>C-127580-02</b>	<b>Portable toxin detection technology to support Great Lakes decision support tools</b>	No	\$29,988	\$14,844	\$44,832	\$44,832
<i>9/1/21 to 8/31/23 National Oceanic and Atmospheric Administration through Bowling Green 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	Yeager, Anna Marie	Lake Erie Soil and Water Research and Education Center				
<b>C-127705-03</b>	<b>Foodweb Dynamics in Western Lake Erie Associated with CSMI Sampling</b>	No	\$21,276	\$3,723	\$24,999	\$12,500
<i>9/15/21 to 12/31/22 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	25			
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center	25			
Co-PI	DeBruyne, Robin	Environmental Sciences, Department of	25			
Co-PI	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center	25			
<b>C-128363-03</b>	<b>Harmful Algae Microbiome</b>	No	\$83,384	\$16,616	\$100,000	\$40,000
<i>10/1/21 to 9/30/22 U.S. Department of Energy through Lawrence Livermore National Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of	60			
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	40			
<b>C-128555-02</b>	<b>Active Early Detection and Diagnosis of HABs with Scalable Biological Treatment Strategies</b>	No	\$398,586	\$67,170	\$465,756	\$139,727
<i>3/22/22 to 3/21/23 U.S. Army Corps of Engineers</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Seo, Youngwoo	Civil & Environmental Engineering, Department of	40			
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	30			
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of	30			

## 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>C-128627-03</b>	<b>H2Ohio Wetland Monitoring Program (Phase 4)</b>	<b>No</b>	<b>\$369,292</b>	<b>\$36,929</b>	<b>\$406,221</b>	<b>\$121,866</b>
<i>1/1/22 to 12/31/22</i>	<i>Ohio Department of Natural Resources through Ohio State University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of		40		
Co-I	Becker, Richard	Environmental Sciences, Department of		30		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		30		
Co-I	Qian, Song S.	Environmental Sciences, Department of		0		
Stdnt Schol	Martz, Michael T.					
Stdnt Schol	McMahan, Michala Dane					
Stdnt Schol	Tomalewski, Anthony M.					
<b>N-129218-01</b>	<b>Assessment of the responses of fish communities and ecosystems in Great Lakes connecting channels to restoration and other environmental change</b>	<b>No</b>	<b>\$82,979</b>	<b>\$14,521</b>	<b>\$97,500</b>	<b>\$48,750</b>
<i>8/19/21 to 8/18/23</i>	<i>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		25		
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center		25		
Co-I	DeBruyne, Robin	Environmental Sciences, Department of		25		
Co-I	DeBruyne, Robin	Lake Erie Soil and Water Research and Education Center		25		
<b>S-128616-01-S1</b>	<b>COMPASS FME</b>	<b>No</b>	<b>\$1,258,587</b>	<b>\$411,413</b>	<b>\$1,670,000</b>	<b>\$167,000</b>
<i>5/10/21 to 9/30/23</i>	<i>U.S. Department of Energy through Battelle Memorial Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of		40		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center		10		
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department of		30		
Co-I	Qian, Song S.	Environmental Sciences, Department of				
Co-I	Spanbauer, Trisha	Environmental Sciences, Department of		20		
Sum of Department ( <b>Lake Erie Soil and Water Research and</b>						<b>Award Count: 3.10</b>
						<b>\$574,675</b>
<b>Mathematics &amp; Statistics, Department of</b>						

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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>Mathematics &amp; Statistics, Department of</b>							
<b>N-128176-01-A1</b>	<b>A large sample machine learning network analysis of vertex cortical thickness measures for high resolution definition of PTSD related cortical structure abnormalities</b>		<b>No</b>	<b>\$150,752</b>	<b>\$74,313</b>	<b>\$225,065</b>	
<i>1/17/22 to 12/31/22</i>	<i>National Institute of Mental Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			50		
Co-I	Chen, Tian	Mathematics & Statistics, Department of					
Co-I	Shih, Chia Hao	Emergency Medicine					
Co-I	Xie, Hong	Neurosciences, Department of					
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, Department of			50		
<b>N-128862-01</b>	<b>Differential operators, algebraic and geometric structures, with computational aspects</b>		<b>No</b>	<b>\$35,000</b>	<b>\$7,000</b>	<b>\$42,000</b>	<b>\$42,000</b>
<i>9/1/21 to 8/31/26</i>	<i>Simons Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Shemyakova, Ekaterina	Mathematics & Statistics, Department of			100		
<b>N-129136-01</b>	<b>LEAPS MPS: Surface subgroups of outer automorphism group of the free group and dynamics on the boundary</b>		<b>No</b>	<b>\$110,027</b>	<b>\$55,563</b>	<b>\$165,590</b>	<b>\$165,590</b>
<i>1/1/22 to 12/31/23</i>	<i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gultepe, Funda	Mathematics & Statistics, Department of			100		
<b>N-129562-01</b>	<b>Math Corps Toledo Summer Camp</b>		<b>No</b>	<b>\$18,182</b>	<b>\$1,818</b>	<b>\$20,000</b>	<b>\$20,000</b>
<i>6/1/22 to 9/1/22</i>	<i>City of Toledo</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gultepe, Funda	Mathematics & Statistics, Department of			100		
Sum of Department ( <b>Mathematics &amp; Statistics, Department</b> )							<b>\$227,590</b>
Award Count: <b>3.00</b>							
<b>Physics and Astronomy, Department of</b>							
<b>C-126958-04</b>	<b>Center for Hybrid Organic-Inorganic Semiconductors for Energy (CHOISE)</b>		<b>No</b>	<b>\$72,999</b>	<b>\$36,135</b>	<b>\$109,134</b>	<b>\$109,134</b>
<i>9/7/21 to 1/8/23</i>	<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	Yan, Yanfa	Physics and Astronomy, Department of			100		
<b>C-127056-01-I03</b>	<b>Orion: The Final Epoch</b>		<b>No</b>	<b>\$81,935</b>	<b>\$40,558</b>	<b>\$122,493</b>	<b>\$122,493</b>
<i>2/26/19 to 2/25/23</i>	<i>National Aeronautics and Space Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, 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>Physics and Astronomy, Department of</b>						
<b>C-127112-02</b>	<b>Ultra-High Efficiency and Stable All-Perovskite Tandem Solar Cells</b>	<b>No</b>	<b>\$196,455</b>	<b>\$99,209</b>	<b>\$295,664</b>	<b>\$295,664</b>
<i>12/1/21 to 5/31/23 U.S. Department of Energy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	70			
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	15			
Co-I	Song, Zhaoning	Physics and Astronomy, Department of	15			
<b>C-127136-02</b>	<b>Investigation of Defect Physics for Efficient, Durable and Ubiquitous Perovskite Solar Cells</b>	<b>No</b>	<b>\$30,559</b>	<b>\$15,127</b>	<b>\$45,686</b>	<b>\$45,686</b>
<i>6/1/21 to 5/31/22 U.S. Department of Energy through University of California at Los Angeles</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-127320-03</b>	<b>Quantum theories of atomic and molecular interactions, and their applications</b>	<b>No</b>	<b>\$31,573</b>	<b>\$15,944</b>	<b>\$47,517</b>	<b>\$47,517</b>
<i>7/28/21 to 8/31/22 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gao, Bo	Physics and Astronomy, Department of	100			
<b>C-127382-01-I03</b>	<b>Clusters, Clumps, Dust and Gas in Extreme Star-Forming Galaxies</b>	<b>No</b>	<b>\$16,787</b>	<b>\$8,310</b>	<b>\$25,097</b>	<b>\$25,097</b>
<i>9/1/21 to 6/30/22 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>C-127382-01-I04</b>	<b>Clusters, Clumps, Dust and Gas in Extreme Star-Forming Galaxies</b>	<b>No</b>	<b>\$16,787</b>	<b>\$8,310</b>	<b>\$25,097</b>	<b>\$25,097</b>
<i>11/17/21 to 6/30/23 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>C-127710-02</b>	<b>Perovskite/Perovskite Tandem Photoelectrodes For Low-Cost Unassisted Photoelectrochemical Water Splitting</b>	<b>No</b>	<b>\$167,225</b>	<b>\$82,775</b>	<b>\$250,000</b>	<b>\$250,000</b>
<i>6/1/21 to 10/31/22 U.S. Department of Energy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	80			
Co-I	Song, Zhaoning	Physics and Astronomy, Department of	20			

## Natural Sciences & Mathematics, College of

This report does **not** show all projects that were active in FY22. 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>Physics and Astronomy, Department of</b>						
<b>C-127790-02</b>	<b>Back-Contact Interface Engineering for Higher Efficiency CdTe PV</b>	<b>No</b>	<b>\$279,425</b>	<b>\$141,108</b>	<b>\$420,533</b>	<b>\$420,533</b>
<i>6/1/22 to 9/30/23 U.S. Department of Energy through Colorado State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	20			
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of	20			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	20			
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	20			
Co-I	Yan, Yanfa	Physics and Astronomy, Department of	20			
<b>C-127804-02</b>	<b>Toward Low-Cost, Efficient and Stable Perovskite Thin-Film Modules</b>	<b>No</b>	<b>\$689,412</b>	<b>\$280,142</b>	<b>\$969,554</b>	<b>\$969,554</b>
<i>10/1/21 to 9/30/23 U.S. Department of Energy</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	52			
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of	16			
Co-I	Heben, Michael J.	Physics and Astronomy, Department of	16			
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	16			
<b>C-127856-02</b>	<b>REU Site: Research Experiences for Undergraduates in Physics and Astronomy at the University of Toledo</b>	<b>No</b>	<b>\$102,750</b>	<b>\$8,055</b>	<b>\$110,805</b>	<b>\$110,805</b>
<i>5/18/22 to 8/31/23 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Irving, Richard E.	Physics and Astronomy, Department of	50			
Co-I	Khare, Sanjay V.	Physics and Astronomy, Department of	50			
<b>C-128396-03</b>	<b>Improving Durability in the Next Generation of Photovoltaic Materials Through Discovery and Mitigation of Interface-Based Degradation Mechanisms</b>	<b>No</b>	<b>\$79,734</b>	<b>\$40,266</b>	<b>\$120,000</b>	<b>\$120,000</b>
<i>10/1/21 to 9/30/22 U.S. Department of Energy through Lawrence Livermore National Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	50			
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of	50			
<b>C-128403-03</b>	<b>Seed Program: Investigation of Power Electronics and Control Systems for Nuclear/Renewable Energy Parks</b>	<b>No</b>	<b>\$109,635</b>	<b>\$55,365</b>	<b>\$165,000</b>	<b>\$56,100</b>
<i>10/1/21 to 9/30/22 U.S. Department of Energy through Idaho National Labs</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science, Department of	33			
Co-I	Heben, Michael J.	Physics and Astronomy, Department of	34			
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Department of	33			



# 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>Physics and Astronomy, Department of</b>						
<b>C-128556-02</b>	<b>The Spitzer IRS Mapping Legacy Archive</b>	<b>No</b>	<b>\$49,712</b>	<b>\$25,105</b>	<b>\$74,817</b>	<b>\$74,817</b>
<i>5/1/22 to 4/30/23 National Aeronautics and Space Administration through University of California at San Diego</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	
Stdnt Schol	Carroll, David Alden					
Stdnt Schol	Dowd, McKenna Delaney					
Stdnt Schol	Walsh, Edward Andrew					
Stdnt Schol	Watson, Julie Elizabeth					
<b>N-128534-01</b>	<b>Low-cost Manufacturing of Semitransparent CdTe PV for Building Integration</b>	<b>No</b>	<b>\$122,992</b>	<b>\$55,017</b>	<b>\$178,009</b>	<b>\$178,009</b>
<i>8/1/21 to 7/31/22 U.S. Department of Energy through Toledo Solar</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of			25	
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of			25	
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of			25	
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			25	
<b>N-128770-01</b>	<b>Collaborative Research: The End of Star Formation: Gauging the Impact of Feedback on Dense Gas</b>	<b>No</b>	<b>\$82,566</b>	<b>\$41,695</b>	<b>\$124,261</b>	<b>\$124,261</b>
<i>9/1/21 to 8/31/24 National Science Foundation</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-128808-01</b>	<b>Perovskite PV Accelerator for Commercial technologies (PACT)</b>	<b>No</b>	<b>\$77,077</b>	<b>\$38,923</b>	<b>\$116,000</b>	<b>\$116,000</b>
<i>8/26/21 to 8/25/22 Sandia National Laboratory through National Technology and Engineering Solutions of Sandia, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of			10	
Co-I	Song, Zhaoning	Physics and Astronomy, Department of			80	
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			10	
<b>N-128810-01</b>	<b>High -Throughput and -Yield Process and In-line Metrology for Manufacturing Perovskite Modules (SETO)</b>	<b>No</b>	<b>\$141,229</b>	<b>\$64,049</b>	<b>\$205,278</b>	<b>\$205,278</b>
<i>9/1/21 to 9/30/22 U.S. Department of Energy through First Solar, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			25	
Co-I	Collins, Robert W.	Physics and Astronomy, Department of			25	
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			25	
Co-I	Shan, Ambalanath	Physics and Astronomy, Department of			25	

## 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>Physics and Astronomy, Department of</b>						
<b>N-128905-01</b>	<b>Impact of the magnetic field in the Mon R2 hub-filament system</b>	<b>No</b>	<b>\$52,572</b>	<b>\$24,528</b>	<b>\$77,100</b>	<b>\$77,100</b>
<i>7/7/21 to 7/6/23 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		
	Co-I	Pokhrel, Riway	Physics and Astronomy, Department of			
<b>N-129001-01</b>	<b>Investigating the Outflows and Shocks of HOPS 361</b>	<b>No</b>	<b>\$10,706</b>	<b>\$5,406</b>	<b>\$16,112</b>	<b>\$16,112</b>
<i>9/1/21 to 8/31/24 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-129082-01</b>	<b>Microwave Photoconductance Spectrometer for Thin-Film Deposited Semiconductor Materials</b>	<b>No</b>	<b>\$66,445</b>	<b>\$33,555</b>	<b>\$100,000</b>	<b>\$100,000</b>
<i>8/23/21 to 8/22/22 U.S. Department of Energy through Tau Science Corporation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	30		
	Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of	30		
	Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	40		
<b>N-129116-01</b>	<b>Infrared Gold: A Student-Centered Program to Extract, Analyze and Disseminate 20 Years of IRTF/SpEx Point-Source Spectroscopy</b>	<b>No</b>	<b>\$38,387</b>	<b>\$19,385</b>	<b>\$57,772</b>	<b>\$57,772</b>
<i>1/21/22 to 1/20/23 National Aeronautics and Space Administration through University of California at San Diego</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-129171-01</b>	<b>Breaking the limits of multiphoton microscopy</b>	<b>No</b>	<b>\$50,000</b>	<b>\$5,000</b>	<b>\$55,000</b>	<b>\$55,000</b>
<i>8/1/21 to 7/31/22 Research Corporation for Science Advancement</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Ray, Aniruddha	Physics and Astronomy, Department of	100		
<b>N-129197-01</b>	<b>Modeling Supermassive Black Hole Seed Formation and Growth on Cosmological Scales</b>	<b>No</b>	<b>\$44,454</b>	<b>\$22,449</b>	<b>\$66,903</b>	<b>\$66,903</b>
<i>2/8/22 to 2/7/25 National Aeronautics and Space Administration</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Visbal, Elijah Francis	Physics and Astronomy, Department of	100		
<b>N-129198-01</b>	<b>Monolithic Bifacial Halide Perovskite-Cadmium Selenide Telluride (CST) Tandem Thin-Film Solar Cells</b>	<b>No</b>	<b>\$204,287</b>	<b>\$95,713</b>	<b>\$300,000</b>	<b>\$300,000</b>
<i>5/1/22 to 10/31/23 U.S. Department of Energy</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Song, Zhaoning	Physics and Astronomy, Department of	70		
	Co-I	Yan, Yanfa	Physics and Astronomy, Department of	30		
	Stdnt Schol	Seibert, Samuel Patrick	Physics and Astronomy, Department of			

## 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>Physics and Astronomy, Department of</b>						
<b>N-129214-01</b>	<b>Cadmium Telluride Photovoltaics Accelerator Consortium</b>	<b>No</b>	<b>\$1,748,709</b>	<b>\$771,291</b>	<b>\$2,520,000</b>	<b>\$2,520,000</b>
<i>2/3/22 to 6/30/25 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	Heben, Michael J.	Physics and Astronomy, Department of			20	
Co-I	Collins, Robert W.	Physics and Astronomy, Department of			16	
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of			16	
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of			16	
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			16	
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			16	
<b>N-129269-01</b>	<b>Tiny Grains Across the Cosmos — The First Physical Models of PAH Emission in Cosmological Simulations</b>	<b>No</b>	<b>\$45,455</b>	<b>\$4,545</b>	<b>\$50,000</b>	<b>\$50,000</b>
<i>10/1/21 to 9/30/23 Research Corporation for Science Advancement</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-129484-01</b>	<b>Dynamical Black Hole Masses for a Complete Volume-Limited Hard X-Ray Sample</b>	<b>No</b>	<b>\$16,944</b>	<b>\$8,556</b>	<b>\$25,500</b>	<b>\$25,500</b>
<i>1/5/22 to 1/5/24 Jet Propulsion Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Medling, Anne Marie	Physics and Astronomy, Department of			100	
<b>N-129625-01</b>	<b>Digital Holography for Targeting fiber quality attributes for the fiber of the future</b>	<b>No</b>	<b>\$36,522</b>	<b>\$5,478</b>	<b>\$42,000</b>	<b>\$42,000</b>
<i>1/1/22 to 12/31/22 Cotton, Incorporated</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Ray, Aniruddha	Physics and Astronomy, Department of			100	
<b>S-126499-01-S5</b>	<b>The 6 pc DASH: A WFC3 1.6 micron Survey of the Orion Integral Shaped Filament</b>	<b>No</b>	<b>\$19,944</b>	<b>\$9,872</b>	<b>\$29,816</b>	<b>\$29,816</b>
<i>2/2/22 to 12/31/22 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	
Sum of Department (Physics and Astronomy, Department of)			Award Count: <b>29.34</b>		<b>\$6,636,248</b>	
Sum of College (Natural Sciences & Mathematics, College of)			Award Count: <b>96.11</b>		<b>\$17,768,590</b>	

## Nursing, 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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## Nursing, College of

This report does **not** show all projects that were active in FY22. 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>Nursing, College of</b>						
<b>N-129221-01</b>	<b>Increasing Enrollment in a RN to BSN Dual Admission Program to Enhance the Nursing Workforce in Northwest Ohio</b>	<b>No</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$100,000</b>
<i>11/1/21 to 10/31/22</i>	<i>Ohio Board of Nursing</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sexton, Martha	Nursing, College of		100		
Sum of Department ( <b>Nursing, College of</b> )			Award Count: <b>1.00</b>			<b>\$100,000</b>
Sum of College ( <b>Nursing, College of</b> )			Award Count: <b>1.00</b>			<b>\$100,000</b>

## Pharmacy & Pharmaceutical Sciences, College of

This report does **not** show all projects that were active in FY22. 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>Medicinal and Biological Chemistry, Department of</b>						
<b>C-126111-05</b>	<b>Development of Attenuated Furoxans as Novel Therapies for Alzheimer's Disease</b>	<b>No</b>	<b>\$225,000</b>	<b>\$122,625</b>	<b>\$347,625</b>	<b>\$347,625</b>
<i>2/1/22 to 1/31/23</i>	<i>National Institute on Aging</i>					
<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>C-126111-05-101</b>	<b>Development of Attenuated Furoxans as Novel Therapies for Alzheimer's Disease</b>	<b>No</b>	<b>\$25,000</b>	<b>\$13,625</b>	<b>\$38,625</b>	<b>\$38,625</b>
<i>2/1/22 to 1/31/23</i>	<i>National Institute on Aging</i>					
<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>C-127518-03</b>	<b>Methods to synthesize oligosaccharide-fusion protein conjugates and enhancement of their antigenicity</b>	<b>No</b>	<b>\$294,151</b>	<b>\$148,546</b>	<b>\$442,697</b>	<b>\$243,483</b>
<i>1/1/22 to 12/31/22</i>	<i>National Institute of Allergy &amp; Infectious Diseases</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sucheck, Steven Joseph	Chemistry and Biochemistry, Department of		45		
Co-I	Prestwich, Erin G.	Medicinal and Biological Chemistry, Department of		17		
Co-I	Wall, Katherine Ann	Medicinal and Biological Chemistry, Department of		38		

## Pharmacy & Pharmaceutical Sciences, College of

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		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
<b>Medicinal and Biological Chemistry, Department of</b>						
<b>C-127575-03</b>	<b>Cofilin Signaling in Hemorrhagic Stroke</b>	No	\$250,000	\$136,250	\$386,250	\$386,250
4/1/22 to 3/31/23	National Institute of Neurological Disorders and Stroke					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Shah, Zahoor	Medicinal and Biological Chemistry, Department of		90		
Co-I	Tillekeratne, Liyanaaratchige	Medicinal and Biological Chemistry, Department of		10		
<b>C-128276-02</b>	<b>Metastatin Analogs for the Treatment of Metabolic Diseases</b>	No	\$174,451	\$15,126	\$189,577	\$123,225
7/5/21 to 7/4/23	State University of New York Downstate Medical Center					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Erhardt, Paul W.	Medicinal and Biological Chemistry, Department of		65		
Co-I	Liu, Shi-He	Cell & Cancer Biology, Department of		35		
<b>N-128453-01-A1</b>	<b>Functional architecture of intracellular Ca2+ signals</b>	No	\$89,052	\$48,198	\$137,250	\$137,250
12/1/21 to 11/30/22	National Institute of General Medical Sciences through Medical College of Wisconsin					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Slama, James T.	Medicinal and Biological Chemistry, Department of		100		
Sum of Department ( <b>Medicinal and Biological Chemistry, D</b> )						Award Count: 5.20
						\$1,276,458
<b>Pharmacology &amp; Experimental Therapeutics, Department of</b>						
<b>N-128271-01-A1</b>	<b>Targeting of eIF4A along with immunotherapy to overcome chemoresistance</b>	No	\$140,250	\$76,436	\$216,686	\$6,501
1/1/22 to 12/31/23	National Cancer Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Raman, Dayanidhi	Cell & Cancer Biology, Department of		91		
Co-I	Hamouda, Danae M.	Medicine, Department of		2		
Co-I	Khuder, Sadik	Medicine, Department of		2		
Co-I	Stanoszek, Lauren Michele	Pathology, Department of		2		
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of		3		
<b>N-129320-01</b>	<b>Development of TRPM8 targeted therapy against Raynaud's phenomena</b>	No	\$61,521	\$4,922	\$66,443	\$21,926
4/1/22 to 3/31/23	Scleroderma Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ding, Yue	Medicine, Department of		34		
Co-I	Kahaleh, M Bashar	Medicine, Department of		33		
Co-I	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Department of		33		
Statistician	Wang, Yongqing	Medicine, Department of				
Sum of Department ( <b>Pharmacology &amp; Experimental Therap</b> )						Award Count: 0.36
						\$28,427
<b>Pharmacy BS Pharm Science Fees</b>						

## 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 BS Pharm Science Fees</b>						
<b>C-128897-02-I01</b>	<b>Testing in vitro SPF and broad spectrum protection</b>	<b>No</b>	<b>\$3,788</b>	<b>\$1,212</b>	<b>\$5,000</b>	<b>\$5,000</b>
<i>1/1/22 to 12/31/22</i>	<i>ACT Solutions Corp</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Baki, Gabriella	Pharmacy BS Pharm Science Fees		100		
Stdnt Schol	Bougouma, Nongdo					
Stdnt Schol	Bouie, Alayna Michelle					
Sum of Department ( <b>Pharmacy BS Pharm Science Fees</b> )						<b>Award Count: 1.00</b>
						<b>\$5,000</b>
<b>Pharmacy Practice, Department of</b>						
<b>C-121385-13</b>	<b>University of Toledo / Kroger Community Pharmacy Residency Program</b>	<b>No</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>
<i>5/1/22 to 4/30/23</i>	<i>Kroger Company</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Howard, Mitchell S.	Pharmacy Practice, Department of		100		
<b>C-127611-04</b>	<b>MINHC project</b>	<b>No</b>	<b>\$18,518</b>	<b>\$1,482</b>	<b>\$20,000</b>	<b>\$10,000</b>
<i>9/1/21 to 8/31/22</i>	<i>Health Resources &amp; Services Administration through University of Illinois at Chicago</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sahloff, Eric G.	Pharmacy Practice, Department of		50		
Co-I	Duggan, Joan	Medicine, Department of		50		
<b>C-127841-03-W2</b>	<b>Clinical Lead QI</b>	<b>No</b>	<b>\$53,799</b>	<b>\$5,380</b>	<b>\$59,179</b>	
<i>7/1/21 to 6/30/22</i>	<i>Centers for Medicare and Medicaid Services through Case Western Reserve University/Case Medical Center</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ud Din, Shahab	Medicine, Department of		50		
Co-I	Aldrich Renner, Sarah May	Pharmacy Practice, Department of				
Co-I	Clemons, Marilee D.	Pharmacy Practice, Department of				
Co-I	Horen, Nicholas G.	Medicine, Department of		50		
<b>R-121385-12</b>	<b>University of Toledo / Kroger Community Pharmacy Residency Program</b>	<b>No</b>	<b>\$70,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$70,000</b>
<i>5/1/21 to 4/30/22</i>	<i>Kroger Company</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Howard, Mitchell S.	Pharmacy Practice, Department of		100		
Sum of Department ( <b>Pharmacy Practice, Department of</b> )						<b>Award Count: 2.50</b>
						<b>\$150,000</b>
Sum of College ( <b>Pharmacy &amp; Pharmaceutical Sciences, Co</b> )						<b>Award Count: 9.06</b>
						<b>\$1,459,885</b>

## 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>Counseling Center</b>						
<b>N-129284-01</b>	<b>STAR Suicide Prevention</b>	No	\$5,000	\$0	\$5,000	\$5,000
10/3/21 to 6/30/22	Ohio Department of Mental Health and Addiction Services through Northeast Ohio Medical University					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sullivan, Latasha Christine	Counseling Center	100			
<b>N-129492-01</b>	<b>STAR Prevention Program (GEER)</b>	No	\$31,818	\$3,182	\$35,000	\$35,000
12/1/21 to 6/30/22	U.S. Department of Education through Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sullivan, Latasha Christine	Counseling Center	100			
Co-I	Foss, Matthew J.	Theater and Film, Department of				
Sum of Department ( <b>Counseling Center</b> )						Award Count: <b>2.00</b>
						<b>\$40,000</b>
<b>Provost, Executive VP Academic Affairs</b>						
<b>C-129296-02</b>	<b>Choose Ohio First FY16 Completion Grant</b>	No	\$750,416	\$0	\$750,416	\$750,416
6/1/22 to 5/31/23	Ohio Department of Higher Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Thompson, Amy J.	Provost, Executive VP Academic Affairs	100			
<b>N-129323-01</b>	<b>Student Experience Project (SEP) Learning Partners Facilitation &amp; Planning</b>	No	\$18,182	\$1,818	\$20,000	\$20,000
9/1/21 to 1/17/22	Raikes Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bartell, Denise Susan	Provost, Executive VP Academic Affairs	100			
<b>S-127230-01-S3</b>	<b>The Student Experience at University of Toledo: Advancing Equity by Design</b>	No	\$37,500	\$0	\$37,500	\$37,500
12/2/20 to 6/30/22	Association of Public and Land Grant Universities					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bartell, Denise Susan	Provost, Executive VP Academic Affairs	100			
Sum of Department ( <b>Provost, Executive VP Academic Affai</b> )						Award Count: <b>3.00</b>
						<b>\$807,916</b>
<b>TRIO Student Support Services</b>						

## 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>TRIO Student Support Services</b>						
<b>C-103911-26</b>	<b>UT Student Support Services</b>	<b>No</b>	<b>\$254,727</b>	<b>\$20,378</b>	<b>\$275,105</b>	<b>\$275,105</b>
<i>9/1/21 to 8/31/22</i>	<i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Palmer, Toycee Hague	TRIO Student Support Services		100		
Stdnt Schol	Adeagbo, Abolade Heritage					
Stdnt Schol	Agidigbo, Emmanuella Isioma					
Stdnt Schol	Ahmad, Yasmina Kamal					
Stdnt Schol	Bushner, Aris N.					
Stdnt Schol	Collier, Hannah Nicole					
Stdnt Schol	Dickson Pabon, Fabiana Isabel					
Stdnt Schol	Frederick, Gaige Zachary					
Stdnt Schol	Hodges, Jewel Arian					
Stdnt Schol	Igwe, lhechiluru Chinyere					
Stdnt Schol	Khan, Iraj					
Stdnt Schol	Mainali, Pujan					
Stdnt Schol	Morgan, Hannah Marie					
Stdnt Schol	Napler-McClendon, Jersey Lydell					
Stdnt Schol	Okwenne, Odinakachukwu Enoch					
Stdnt Schol	Olvera, Araceli Gardenia					
Stdnt Schol	Oziri, Jennifer Chimdindu					
Stdnt Schol	Paghadal, Avani Kantibhai					
Stdnt Schol	Syed, Aishah					
Stdnt Schol	Timpko, Keirstin T.					
Stdnt Schol	Wable, Malhar Sunil					
Stdnt Schol	Williams, Karlee					
Sum of Department ( <b>TRIO Student Support Services</b> )						Award Count: <b>1.00</b>
						<b>\$275,105</b>
<b>Upward Bound</b>						
<b>C-110170-15</b>	<b>Upward Bound Program</b>	<b>No</b>	<b>\$446,982</b>	<b>\$35,759</b>	<b>\$482,741</b>	<b>\$482,741</b>
<i>9/1/21 to 8/31/22</i>	<i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rogers, Pamela N.	Upward Bound		100		
Stdnt Schol	Cedeno-Rosario, Luis Angel					
Stdnt Schol	Greenwade, Christopher James					
<b>C-126194-05</b>	<b>Upward Bound Math &amp; Science Program</b>	<b>No</b>	<b>\$275,556</b>	<b>\$22,045</b>	<b>\$297,601</b>	<b>\$297,601</b>
<i>9/1/21 to 8/31/22</i>	<i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rogers, Pamela N.	Upward Bound		100		
Sum of Department ( <b>Upward Bound</b> )						Award Count: <b>2.00</b>
						<b>\$780,342</b>



## 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 Credit</u>
<b>Research &amp; Sponsored Programs</b>						
<b>C-127707-02</b>	<b>Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway</b>	<b>No</b>	<b>\$40,000</b>	<b>\$3,200</b>	<b>\$43,200</b>	<b>\$4,320</b>
<i>8/1/21 to 7/31/22 National Institute of Biomedical Imaging &amp; Bioengineering</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of		65		
Co-I	Ayan, Halim	Bioengineering, Department of		10		
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
Co-I	Pappada, Scott Michael	Medical Services 5		5		
Co-I	Rapino, Norman	Research & Sponsored Programs		10		
Co-I	Relue, Patricia Ann	Bioengineering, Department of		5		
<b>N-128329-01</b>	<b>NSF I-Corps Hub: Great Lakes Region</b>	<b>No</b>	<b>\$57,601</b>	<b>\$9,256</b>	<b>\$66,857</b>	
<i>1/1/22 to 12/31/22 National Science Foundation through University of Michigan</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		100		
Dir Ctr/Inst	Rapino, Norman	Research & Sponsored Programs				
Sum of Department ( <b>Research &amp; Sponsored Programs</b> )			Award Count: <b>0.10</b>		<b>\$4,320</b>	
Sum of College ( <b>Research &amp; Sponsored Programs MC</b> )			Award Count: <b>0.10</b>		<b>\$4,320</b>	

## University College

This report does **not** show all projects that were active in FY22. 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>N-123253-01</b>	<b>Military Service Center Student Support</b>	<b>Yes</b>	<b>\$7,536</b>	<b>\$0</b>	<b>\$7,536</b>	<b>\$7,536</b>
<i>1/1/12 to 6/30/13 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		
Sum of Department ( <b>Dean - University College</b> )			Award Count: <b>1.00</b>		<b>\$7,536</b>	
Sum of College ( <b>University College</b> )			Award Count: <b>1.00</b>		<b>\$7,536</b>	

# VP Enrollment Management

This report does **not** show all projects that were active in FY22. 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>Financial Aid</b>						
<b>N-129348-01</b>	<b>CARES Act - Governor's Emergency Education Relief (GEER) Fund for Ohio FAFSA</b>	<b>No</b>	<b>\$12,605</b>	<b>\$0</b>	<b>\$12,605</b>	<b>\$12,605</b>
<i>10/26/21 to 6/30/22</i>	<i>U.S. Department of Education through Ohio Department of Higher Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Matthews, Todd Michael	Financial Aid		100		
Sum of Department ( <b>Financial Aid</b> )			Award Count: <b>1.00</b>		<b>\$12,605</b>	
Sum of College ( <b>VP Enrollment Management</b> )			Award Count: <b>1.00</b>		<b>\$12,605</b>	
<b>Grand Total:</b>				Award Count: <b>396.00</b>		<b>\$61,783,479</b>