The University of Toledo Research and Sponsored Programs FY 2024 Awards By College and Department

Proposal # Public Title
Budget Period Sponsor(s)

Arts and Letters, College of

	ers, College of	n EV24. This report shows only new and					
•	h new funds, i.e. not reported in a p	n FY24. This report shows only new and previous fiscal year.	Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	Dept Award Credit
Art, Department of							
C-129998-02	Department of Art-Recovery Fu	ınd	No	\$64,500	\$0	\$64,500	\$64,500
1/1/24 to 6/30/24	U.S. Department of the Treasury	through Arts Commission of Greater Toledo					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Miner, Barbara Fredricks	Art, Department of			100		
N-600233-01	Krzysztof Wodiczko: The Art of	f Un-War	No	\$3,968	\$1,032	\$5,000	\$3,750
4/8/24 to 5/31/24	National Endowment for the Hun	nanities through Ohio Humanities Council					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Rizk, Mysoon	Art, Department of			75		
Co-I	Jackisch, Barry Andrew	History, Department of			25		
		Sum of Department (A	rt, Depart	ment of) Awa	ard Count: 1.75		\$68,250
Economics, Depart	ment of						
N-130431-01	Libbey DOE Decarbonization p	roposal	No	\$8,369	\$4,226	\$12,595	\$12,595
7/31/23 to 7/30/25	Libbey Glass LLC through Libbey	•		. ,	. ,	. ,	. ,
Role	Name	<u>Department</u>			% Credit		
PI/PD	Shetty, Sujata	Geography and Planning, Department of					
Co-I	Amialchuk, Aliaksandr A.	Economics, Department of			100		
Co-I	Hammel, Daniel J.	Geography and Planning, Department of					
N-130662-01	Metroparks Benefit Cost Analy	sis 2024	No	\$4,602	\$460	\$5,062	\$5,062
4/5/24 to 12/31/24	The City of Toledo						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Egan, Kevin	Economics, Department of			100		
PI/PD	Shetty, Sujata	Geography and Planning, Department of					
N-600157-01		ets to Locate Sites for Restoration and	No	\$172,950	\$8,652	\$181,602	\$36,320
		otors in the Maumee Watershed (HABRI)					
3/1/24 to 6/30/24	Ohio Department of Higher Educ	ation through Ohio State University					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			60		
Co-I	Dwyer, Daryl	Environmental Sciences, Department of			20		
Co-I	Egan, Kevin	Economics, Department of			20		j

10/7/2024 12:48:24PM Page 1 of 81

Arts and Letters, College of

	•	FY24. This report shows only new and					Dept Award
on going projects with	Thew rands, i.e. not reported in a pr	evious nodal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Economics, Departn	nent of						
N-600456-01	Economic Impact of Scott Park	College Campus	No	\$46,984	\$4,698	\$51,682	\$51,682
5/30/24 to 12/31/24	Toledo Public Schools						
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Smirnov, Oleg A.	Economics, Department of			100		
R-124355-08	Support for the UT Urban Affairs	s Center (Renewal)	No	\$68,182	\$6,818	\$75,000	_
7/1/23 to 6/30/24	Ohio Department of Higher Educa	tion					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Shetty, Sujata	Geography and Planning, Department of			100		
Co-PI	Hammel, Daniel J.	Geography and Planning, Department of					
Co-I	Egan, Kevin	Economics, Department of					
		Sum of Department (Economic	cs, Depart	ment of) Awa	ard Count: 3.20		\$105,660
Geography and Plan	nning, Department of						
C-125107-09		vith NASA Assets to Build Systemic	No	\$1,664,851	\$192,839	\$1,857,690	\$1,486,152
	Innovation in STEM Education	•		. , ,	. ,	. , ,	. , ,
1/1/24 to 12/31/24	National Aeronautics and Space A	dministration					
Role	<u>Name</u>	<u>Department</u>			% Credit		1
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		
C-129100-03	_	igh the Integration of NASA Assets and	No	\$39,580	\$19,988	\$59,568	\$59,568
		ce Connections, Education, and					
4/4/04 to 40/04/04	Stewardship (PLACES)	durinistration through 146-45-4					
1/1/24 to 12/31/24	National Aeronautics and Space A				0/ 0 11		7
Role	Name	Department			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of	N _a	¢0 554 440	100	¢2 000 000	
N-130226-01 4/1/24 to 8/31/26	U.S. Department of Energy	to Enhance the Hydrogen Economy	No	\$2,551,413	\$448,587	\$3,000,000	\$750,000
	, ,	Deneutroent			0/ C== dit		7
Role PI/PD	Name Masen Mark B	Department Chemistry and Ricahamistry Department	of		<u>% Credit</u> 50		
Co-I	Mason, Mark R. Berhan, Lesley	Chemistry and Biochemistry, Department Mechanical, Industrial, and Manufacturing		na Denartm	50 25		
Co-I	Shetty, Sujata	Geography and Planning, Department of	Ligineen	ng, Departi	25 25		
122.		2 - 3 5 · · · · · · · · · · · · · · · · ·					_

10/7/2024 12:48:24PM Page 2 of 81

Arts and Letters, College of

History, Department of

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award** Geography and Planning, Department of **Cultivating Persistence and Leadership Development in Science Master** \$139,924 N-130425-01 \$1,314,597 \$84,647 \$1,399,244 No Teachers (Robert Novce Teacher Scholarship) 4/1/24 to 3/31/27 National Science Foundation Role Name Department % Credit **Teacher Education** PI/PD Johnson, Natasha Yvonne 70 Co-PI Bossenbroek, Jonathan Environmental Sciences, Department of 10 Co-PI Czaikowski, Kevin Paul Geography and Planning, Department of 10 Co-I Dean-Education 10 Toland, Michael N-130431-01 **Libbey DOE Decarbonization proposal** No \$8,369 \$4,226 \$12,595 7/31/23 to 7/30/25 Libbey Glass LLC through Libbey-Owens-Ford % Credit Role Name Department PI/PD Shetty, Sujata Geography and Planning, Department of Co-I Amialchuk, Aliaksandr A. Economics, Department of 100 Co-I Hammel, Daniel J. Geography and Planning, Department of **Metroparks Benefit Cost Analysis 2024** N-130662-01 No \$4,602 \$460 \$5,062 4/5/24 to 12/31/24 The City of Toledo Role Name Department % Credit PI/PD Egan, Kevin Economics, Department of 100 Geography and Planning, Department of PI/PD Shetty, Sujata Use of High-Resolution Data Sets to Locate Sites for Restoration and \$172,950 N-600157-01 No \$8,652 \$181,602 \$108,961 Installation of Nutrient Interceptors in the Maumee Watershed (HABRI) 3/1/24 to 6/30/24 Ohio Department of Higher Education through Ohio State University Role Name Department % Credit PI/PD Czaikowski. Kevin Paul Geography and Planning, Department of 60 Co-I Dwyer, Daryl Environmental Sciences, Department of 20 Co-I Egan, Kevin Economics, Department of 20 R-124355-08 Support for the UT Urban Affairs Center (Renewal) No \$68,182 \$75,000 \$75,000 \$6,818 7/1/23 to 6/30/24 Ohio Department of Higher Education Role Department % Credit Name Shetty, Sujata PI/PD Geography and Planning, Department of 100 Geography and Planning, Department of Hammel, Daniel J. Co-PI Economics, Department of Co-I Egan, Kevin Sum of Department (Geography and Planning, Department Award Count: 3.75 \$2,619,606

10/7/2024 12:48:24PM Page 3 of 81

Arts and Letters, College of

		in FY24. This report shows only new and					Dept Award
on-going projects wi	th new funds, i.e. not reported in a	previous fiscal year.	Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
History, Departmen	nt of						
N-600233-01	Krzysztof Wodiczko: The Art o	of Un-War	No	\$3,968	\$1,032	\$5,000	\$1,250
4/8/24 to 5/31/24	National Endowment for the Hur	manities through Ohio Humanities Council					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Rizk, Mysoon	Art, Department of			75		
Co-I	Jackisch, Barry Andrew	History, Department of			25		
		Sum of Department (Histo	ry, Depart	ment of) Awa	ard Count: 0.25		\$1,250
Political Science a	nd Public Administration, Depart	ment of					
N-130362-01		blished by the UToledo Inside-Out Prison	No	\$4,500	\$0	\$4,500	\$4,500
	Exchange Program	•					
	23 National Endowment for the Hur	manities through Ohio Humanities Council					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Heberle, Renee J.	Political Science and Public Administration	n, Departm	ent of	100		
		Sum of Department (Political Science and	d Public A	dministr Awa	ard Count: 1.00		\$4,500
Psychology, Depar	tment of						
C-128101-04		ehavior in Infancy: Associations with	No	\$3,898	\$2,027	\$5,925	\$5,925
	Behavior, Diet, and Growth to			40,000	4 _,•	40,020	40,020
8/1/23 to 7/31/24		& Human Development through University of	Michigan				
Role	<u>Name</u>	Department			% Credit		
PI/PD	Tan, Cin Cin	Psychology, Department of			100		
C-128729-03	Identifying the mechanisms of	flatent inhibition to prevent dental fear	No	\$95,853	\$48,406	\$144,259	\$144,259
8/1/23 to 7/31/25	National Institute of Dental and	Craniofacial Research through University of Te	xas Rio				
	Grande Valley						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Geers, Andrew	Psychology, Department of			100		
N-130044-01		Testing Brief Online Self-Help Treatment	No	\$47,643	\$0	\$47,643	\$47,643
0/4/00/1- 0/04/04	Modules for Clinical Perfection						
9/1/23 to 8/31/24	International OCD Foundation, I				0/ 0 1:1		1
Role	Name	Department			% Credit		
PI/PD	Ong, Clarissa	Psychology, Department of	Na	¢400	100	¢400	
N-600470-01	Injury Recovery	hancement (MSPE) for Collegiate Athlete	No	\$490	\$0	\$490	\$490
8/1/24 to 5/31/25	Association for Applied Sport Ps	ychology Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Rose, Jason P.	Psychology, Department of			100		
Co-I	Bullock, Wesley A.	Psychology, Department of			0		

10/7/2024 12:48:24PM Page 4 of 81

0 01 7	th new funds, i.e. not reported in a	in FY24. This report shows only new and previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
		Sum of Department (Psycho	logy, Departi	nent of) Awa	rd Count: 4.00		\$198,31
heater and Film, I	Department of						
C-130003-02	Visiting Professor and guest	artist support in Theatre and Film	No	\$48,000	\$0	\$48,000	\$48,000
1/1/24 to 6/30/24	U.S. Department of the Treasur	y through Arts Commission of Greater Toledo	0				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Monsos, Holly Diane	Theater and Film, Department of			50		
Co-I	Foss, Matthew J.	Theater and Film, Department of			50		
		Sum of Department (Theater and	Film, Departr	nent of) Awa	rd Count: 1.00		\$48,00
/omen's & Gende	r Studies, Department of						
N-129876-01		ning from Anecdotal to Data-Driven stitutional Change at the University of	No	\$163,729	\$82,683	\$246,412	\$49,28
8/1/23 to 7/31/25	National Science Foundation						
Role PI/PD Co-I Co-I	<u>Name</u> Gupta, Anju R. Barnes, Sharon L. Das, Dilip A.	<u>Department</u> Mechanical, Industrial, and Manufacturi Women's & Gender Studies, Departme Diversity & Inclusion		g, Departm	% Credit 40 20 20		
Co-I	Lutman, Danielle Marie	Catharine S. Eberly Center for Women			20		
		Sum of Department (Women's & Gende	∍r Studies, De	epartme Awa	rd Count: 0.20		\$49,28
		Sum of College (Arts an	d Letters, Co	llege of) Awa	rd Count: 15.15		\$3,094,86
iversity & In							
his report does no t	t show all projects that were active th new funds, i.e. not reported in a	in FY24. This report shows only new and previous fiscal year.	<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	Dept Award Credit
his report does no th n-going projects wi			<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost		Dept Award Credit
his report does not n-going projects wi atharine S. Eberly N-129876-01	th new funds, i.e. not reported in a y Center for Women ADVANCE Catalyst: Transition Intersectional Approach for In Toledo		Cash?	<u>Direct Cost</u> \$163,729	Indirect Cost \$82,683		•
his report does not n-going projects wi ratharine S. Eberly N-129876-01	th new funds, i.e. not reported in a y Center for Women ADVANCE Catalyst: Transition Intersectional Approach for In Toledo National Science Foundation	ning from Anecdotal to Data-Driven estitutional Change at the University of			\$82,683	Total Award	Credit
nis report does not negoing projects with atharine S. Eberly N-129876-01 8/1/23 to 7/31/25 Role	th new funds, i.e. not reported in a y Center for Women ADVANCE Catalyst: Transition Intersectional Approach for In Toledo National Science Foundation Name	ning from Anecdotal to Data-Driven estitutional Change at the University of Department	No	\$163,729	\$82,683 % Credit	Total Award	Credit
nis report does not	th new funds, i.e. not reported in a y Center for Women ADVANCE Catalyst: Transition Intersectional Approach for In Toledo National Science Foundation	ning from Anecdotal to Data-Driven estitutional Change at the University of	No ing Engineerir	\$163,729	\$82,683 <u>% Credit</u> 40 20	Total Award	Credit
nis report does not negoing projects with atharine S. Eberly N-129876-01 8/1/23 to 7/31/25 Role PI/PD	th new funds, i.e. not reported in a y Center for Women ADVANCE Catalyst: Transition Intersectional Approach for In Toledo National Science Foundation Name Gupta, Anju R.	ning from Anecdotal to Data-Driven estitutional Change at the University of Department Mechanical, Industrial, and Manufacturi	No ing Engineerin	\$163,729	\$82,683 <u>% Credit</u> 40	Total Award	Credit

10/7/2024 12:48:24PM Page 5 of 81

Diversity & Inclusion

	t show all projects that were active th new funds, i.e. not reported in a	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit	
Diversity & Inclusion	on						
N-129876-01 8/1/23 to 7/31/25		ing from Anecdotal to Data-Driven stitutional Change at the University of	No	\$163,729	\$82,683	\$246,412	\$49,282
Role	Name	Department			% Credit		\neg
PI/PD	Gupta, Anju R.	Mechanical, Industrial, and Manufacturir	ng Engineeri	ng, Departm	40		
Co-I	Barnes, Sharon L.	Women's & Gender Studies, Departmen		0, 1	20		
Co-I	Das, Dilip A.	Diversity & Inclusion			20		
Co-I	Lutman, Danielle Marie	Catharine S. Eberly Center for Women			20		
		Sum of Department (Di	versitv & In	clusion) Av	vard Count: 0.20	Í	\$49,282

Sum of College (Diversity & Inclusion) Award Count: 0.40

\$98,565

Education - Judith Herb College of

•	show all projects that were active in new funds, i.e. not reported in a	n FY24. This report shows only new and previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
	truction, Department of						
C-125107-09 1/1/24 to 12/31/24	Innovation in STEM Education		No	\$1,664,851	\$192,839	\$1,857,690	\$185,769
Role PI/PD Co-I Co-I	<u>Name</u> Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold	<u>Department</u> Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of			<u>% Credit</u> 80 10 10		
N-130329-01 7/1/23 to 6/30/24	Designing/redesigning Adoles U.S. Department of Education th	cent Literacy Coursework at UToledo rough University of Cincinnati	No	\$14,999	\$1,199	\$16,198	\$5,345
Role PI/PD Co-I Co-I	<u>Name</u> Kehus, Marcella Aguiton, Rhonda L. Hapgood, Susanna	<u>Department</u> Teacher Education Teacher Education Curriculum and Instruction, Department of			% Credit 34 33 33		

10/7/2024 12:48:24PM Page 6 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award** Curriculum and Instruction, Department of Understanding and Responding to the Early Care and Learning Needs of \$181,755 N-130357-01 \$688,464 \$68,847 \$757,311 No Young Children and Families in Ohio Experiencing Homelessness 9/1/23 to 6/30/24 Ohio Department of Education Role Name Department % Credit PI/PD Delaney, Katherine Kresin Teacher Education 24 24 Co-I Cleary, Heather Murphy Sloan Department of Population Health Co-I Fox. Christine **Teacher Education** 24 Co-I Hapgood, Susanna Curriculum and Instruction, Department of 24 Co-I Toland, Michael Dean-Education Stdnt Schol Almasmary, Mona Stdnt Schol Hart. Jenna Ann Stdnt Schol Santos. Danielle M. Stdnt Schol Virani, Archna Kaushikbhai N-130438-01 Efficacy study of TinkRWorks at Success Academy and Career Academy No \$25,994 \$13,517 \$39,511 \$3,951 10/2/23 to 10/1/24 TinkRWorks, Inc. Role Name Department % Credit PI/PD Toland, Michael Dean-Education 90 Co-I Hapgood, Susanna Curriculum and Instruction, Department of 10 Sum of Department (Curriculum and Instruction, Departme Award Count: 0.77 \$376.820 **Dean-Education Optimizing Clinical Outcomes for Patients with Patellofemoral Pain** C-129274-02 No \$36.950 \$18,660 \$55.610 \$27.805 **Using Strength Training Rehabilitation Incorporating Power Exercises** (STRIPE) 7/1/23 to 6/30/24 U.S. Department of Defense through University of Connecticut Role Name Department % Credit PI/PD Bazett-Jones. David Matthew Department of Exercise Rehab Sciences 50 Co-I Toland, Michael Dean-Education 50 C-129414-03 **Curricular Analytics Project** No \$43,478 \$6,522 \$50,000 \$50,000 9/1/23 to 8/31/24 Ascendium Education Group through Colorado State University Role Department % Credit Name PI/PD Dean-Education Toland, Michael 100 C-129617-03 **Curricular Analytics** No \$0 \$5.000 \$5,000 \$5.000 9/1/23 to 8/31/24 Ascendium Education Group through Colorado State University % Credit Role Name Department PI/PD Toland, Michael Dean-Education 100 Statistician Liu, Mingyang

10/7/2024 12:48:24PM Page 7 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	ith new funds, i.e. not reported in a previous fiscal year.			Direct Cost	Indirect Cost	Total Award	Credit
Dean-Education							
N-130219-01 10/1/23 to 9/30/24	Bold Beginnings for Higher Educ U.S. Department of Education	ation	No	\$180,903	\$14,472	\$195,375	\$9,769
Role PI/PD Co-I	<u>Name</u> Dinnebeil, Laurie A. McInerney, William F.	Department Teacher Education Teacher Education			% Credit 95		
Co-I	Toland, Michael	Dean-Education		* 44.040	5	* 44.000	AT 40.4
N-130300-01	Early Childhood Reading Proficie	-	No	\$11,312	\$3,676	\$14,988	\$7,494
9/1/23 to 7/31/25 Role PI/PD Co-I	U.S. Department of Education throus Name Toland, Michael Beltyukova, Svetlana	Department Dean-Education Teacher Education			<u>% Credit</u> 50 50		
N-130357-01 9/1/23 to 6/30/24	Understanding and Responding to Young Children and Families in Onio Department of Education	o the Early Care and Learning Needs of thio Experiencing Homelessness	No	\$688,464	\$68,847	\$757,311	\$30,292
Role PI/PD Co-I Co-I Co-I Stdnt Schol Stdnt Schol Stdnt Schol	Name Delaney, Katherine Kresin Cleary, Heather Murphy Sloan Fox, Christine Hapgood, Susanna Toland, Michael Almasmary, Mona Hart, Jenna Ann Santos, Danielle M. Virani, Archna Kaushikbhai	Department Teacher Education Department of Population Health Teacher Education Curriculum and Instruction, Department of Dean-Education			<u>% Credit</u> 24 24 24 24 24 4		
N-130425-01 4/1/24 to 3/31/27	Cultivating Persistence and Lead Teachers (Robert Noyce Teacher National Science Foundation	ership Development in Science Master Scholarship)	No	\$1,314,597	\$84,647	\$1,399,244	\$139,924
Role PI/PD Co-PI Co-PI Co-I	<u>Name</u> Johnson, Natasha Yvonne Bossenbroek, Jonathan Czajkowski, Kevin Paul Toland, Michael	Department Teacher Education Environmental Sciences, Department of Geography and Planning, Department of Dean-Education			<u>% Credit</u> 70 10 10 10		
N-130438-01	• •	Success Academy and Career Academy	No	\$25,994	\$13,517	\$39,511	\$35,560
10/2/23 to 10/1/24	TinkRWorks, Inc.						
Role PI/PD Co-I	<u>Name</u> Toland, Michael Hapgood, Susanna	<u>Department</u> Dean-Education Curriculum and Instruction, Department of			<u>% Credit</u> 90 10		

Dept Award

10/7/2024 12:48:24PM Page 8 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and

		FY24. This report shows only new and					Dept Awar
n-going projects with	n new funds, i.e. not reported in a pre	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
ean-Education							
N-600046-01	Updated Cut Scores for AEPS-3		No	\$6,154	\$1,846	\$8,000	\$8,00
4/2/24 to 7/14/24	Paul H Brookes Publishing Co., Inc						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Toland, Michael	Dean-Education			100		
Co-I	Dueber, David	Dean-Education			0		
R-126554-07	Tech Prep Pathways Grant SFY24	4	No	\$464,398	\$0	\$464,398	\$18,57
7/1/23 to 6/30/24	Ohio Department of Education						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wilson, Kathy S.	Teacher Education			96		
Co-I	Toland, Michael	Dean-Education			4		
		Sum of Department (De	ean-Ed	ucation) Awa	ard Count: 5.13		\$332,42
eacher Education							
C-122077-13	Project Seed at UToledo 2023		No	\$9,000	\$0	\$9,000	\$2,25
7/1/23 to 6/30/24	American Chemical Society						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			50		
Co-PI	Marszewski, Michal	Chemistry and Biochemistry, Department of			25		
Co-I	Johnson, Natasha Yvonne	Teacher Education			25		
C-127788-05	Project Prepare		No	\$117,662	\$5,301	\$122,963	\$61,48
10/1/23 to 12/31/24	U.S. Department of Education						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dinnebeil, Laurie A.	Teacher Education			50		
Co-I	Metz, Alexia E.	Occupational Therapy Program			50		
C-128324-04	Ohio School Leaders Profession	•	No	\$45,455	\$4,545	\$50,000	\$50,00
7/1/23 to 6/30/24	U.S. Department of Education throu	ugh Ohio Department of Education					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dinnebeil, Laurie A.	Teacher Education			100		
C-129799-04	Child Care Stabilization - Phase 4	4	No	\$97,170	\$0	\$97,170	\$97,17
7/1/23 to 6/30/24		man Services through Ohio Child Care Resourc	ce and				
	Referral Association						
Role	Referral Association Name	Department			% Credit		1

10/7/2024 12:48:24PM Page 9 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new tunds, i.e. not reported in a pre	vious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Teacher Education							
N-130219-01	Bold Beginnings for Higher Educ	ation	No	\$180,903	\$14,472	\$195,375	\$185,60
10/1/23 to 9/30/24	U.S. Department of Education						_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dinnebeil, Laurie A.	Teacher Education			95		
Co-I	McInerney, William F.	Teacher Education					
Co-I	Toland, Michael	Dean-Education			5		
N-130300-01	Early Childhood Reading Proficie	ency Initiative Evaluation	No	\$11,312	\$3,676	\$14,988	\$7,49
9/1/23 to 7/31/25	U.S. Department of Education throu	igh Toledo Tomorrow					
Role	Name	Department			% Credit		
PI/PD	Toland, Michael	Dean-Education			50		
Co-I	Beltyukova, Svetlana	Teacher Education			50		
N-130329-01	Designing/redesigning Adolescer	nt Literacy Coursework at UToledo	No	\$14,999	\$1,199	\$16,198	\$10,85
7/1/23 to 6/30/24	U.S. Department of Education throu	igh University of Cincinnati					
Role	Name	Department			% Credit		
PI/PD	Kehus, Marcella	Teacher Education			34		
Co-I	Aguiton, Rhonda L.	Teacher Education			33		
Co-I	Hapgood, Susanna	Curriculum and Instruction, Department of			33		
N-130357-01	Understanding and Responding	to the Early Care and Learning Needs of	No	\$688,464	\$68,847	\$757,311	\$363,50
	Young Children and Families in C	Ohio Experiencing Homelessness					
9/1/23 to 6/30/24	Ohio Department of Education						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Delaney, Katherine Kresin	Teacher Education			24		
Co-I		Department of Population Health			24		
Co-I	Fox, Christine	Teacher Education			24		
Co-I	Hapgood, Susanna	Curriculum and Instruction, Department of			24		
Co-I	Toland, Michael	Dean-Education			4		
Stdnt Schol	<i>3 '</i>						
Stdnt Schol							
Stdnt Schol	,						
Stdnt Schol	,			* * * * * * * * * * * * * * * * * * *	****	********]
N-130425-01		ership Development in Science Master	No	\$1,314,597	\$84,647	\$1,399,244	\$979,47
1/1/01 to 2/21/27	Teachers (Robert Noyce Teacher National Science Foundation	Scholarship)					
4/1/24 to 3/31/27		Department			0/ 0========		1
Role	Name	Department To a base Education			% Credit		
PI/PD	Johnson, Natasha Yvonne	Teacher Education			70 10		
Co-PI Co-PI	Bossenbroek, Jonathan	Environmental Sciences, Department of			10 10		
Co-Pi	Czajkowski, Kevin Paul Toland, Michael	Geography and Planning, Department of Dean-Education			10		
00-1	iolatiu, iviioliaei	Dean-Education			10		j

Dept Award

10/7/2024 12:48:24PM Page 10 of 81

This report does not show all projects that were active in FY24. This report shows only new and
on-going projects with new funds, i.e. not reported in a previous fiscal year.

•	show all projects that were active h new funds, i.e. not reported in	e in FY24. This report shows only new and a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Teacher Education							
R-106314-25	CTE Teacher Preparation and	d Retention	No	\$95,238	\$4,762	\$100,000	\$100,000
7/1/23 to 6/30/24	U.S. Department of Education	through Ohio Department of Education					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Toland, Michael	Teacher Education			50		
Co-I	Heban, Debra Sue	Teacher Education			50		
R-126554-07	Tech Prep Pathways Grant S	FY24	No	\$464,398	\$0	\$464,398	\$445,822
7/1/23 to 6/30/24	Ohio Department of Education						
Role	<u>Name</u>	Department			% Credit		
PI/PD	Wilson, Kathy S.	Teacher Education			96		
Co-I	Toland, Michael	Dean-Education			4		
R-127048-06	SuccessBound Conference -	Northwest Ohio Tech Prep	No	\$6,600	\$0	\$6,600	\$6,600
3/22/24 to 6/30/24	Ohio Department of Education						
Role	Name	Department			% Credit		
PI/PD	Wilson, Kathy S.	Teacher Education			100		
		Sum of Department (Teacher Ed	ucation) Awa	ard Count: 9.01		\$2,310,257
		Sum of College (Education - Jud	lith Herb Co	ollege of) Awa	ard Count: 14.91		\$3,019,497

Engineering, College of

This report does not show all projects that were active in FY24. This report shows only new and
on-going projects with new funds, i.e. not reported in a previous fiscal year.

N-600396-01	Grant Writing Support		No	\$22,500	\$0	\$22,500	\$22,500
5/30/24 to 11/30/24	Imagination Station						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Czerniak, Charlene M.	Administration, College of Engineering			100		
' <u>'</u>		Sum of Department (Administration, Colleg	e of Enai	neering Award	Count: 1.00		\$22,500

Dept Award Credit

Total Award

Direct Cost Indirect Cost

Cash?

Bioengineering, Department of

10/7/2024 12:48:24PM Page 11 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n ew funds, i.e. not reported in a p	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Bioengineering, Dep	partment of						
C-127707-04 8/1/23 to 7/31/24	Biodesign-based learning platf medical device commercializat National Institute of Biomedical In		No	\$40,000	\$3,200	\$43,200	\$34,560
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Yildirim-Ayan, Eda D. Ayan, Halim Cioc, Sorin Pappada, Scott Michael Rapino, Norman Relue, Patricia Ann	Department Bioengineering, Department of Bioengineering, Department of Mechanical, Industrial, and Manufacturing Medical Services 5 Research & Sponsored Programs Bioengineering, Department of	g Engineering	g, Departm	<u>% Credit</u> 65 10 5 5 10 5		
C-129296-04	Choose Ohio First FY16 Comp		No	\$213,390	\$0	\$213,390	\$213,390
6/1/24 to 5/31/25 Role PI/PD	Ohio Department of Higher Educ Name Molitor, Scott C.	ation <u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
N-129411-01-A1 7/1/23 to 2/28/25	Swine Applications	nosphorus and Ammonia Recovery in riculture through Applied Environmental Solu	No tions, LLC	\$34,411	\$17,378	\$51,789	\$51,789
Role PI/PD	<u>Name</u> Viamajala, Sridhar	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
N-129583-01-A1 7/8/23 to 6/30/24	Targeting FASN to eliminate me National Cancer Institute	etastatic breast cancer in the brain	No	\$116,875	\$63,697	\$180,572	\$9,029
Role PI/PD Co-I Co-I	<u>Name</u> Zhang, Jian-Ting Liu, JingYuan Tang, Yuan	<u>Department</u> Cell & Cancer Biology, Department of Medicine, Department of Bioengineering, Department of			<u>% Credit</u> 90 5 5		
N-130259-01		ronics Certificate Program (Cohort 3)	No	\$284,238	\$29,262	\$313,500	\$78,375
8/1/23 to 5/31/25 Role PI/PD Co-PI Co-I Co-I	Dana Corporation Name Elahinia, Mohammad Hefzy, Mohamed Samir Choueiri, George Relue, Patricia Ann	Department Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing Bioengineering, Department of	g Engineering	g, Departm	% Credit 25 25 25 25 25		
N-130290-01	FEA work on the Sansur/Ludwi	<u> </u>	No	\$18,000	\$5,850	\$23,850	\$23,850
7/1/23 to 6/30/25 Role PI/PD Stdnt Schol	<u>University of Maryland at Baltimo</u> <u>Name</u> Goel, Vijay K. Tripathi, Sudharshan	<u>Department</u> Bioengineering, Department of Bioengineering, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 12 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

t of RAPIDS epartment of Higher Educati ame elue, Patricia Ann	on Department	No	\$1,029,605	\$0	\$1,029,605	4000 000
epartment of Higher Educati ame		No	\$1,029,605	\$0	¢4 020 605	4000 000
<u>ame</u>					⊅1,029,00 0	\$360,362
	<u>Department</u>					
elue. Patricia Ann				% Credit		
	Bioengineering, Department of			22		
ameron, Brent D.	Bioengineering, Department of			13		
ahinia, Mohammad	Mechanical, Industrial, and Manufacturin	ng Engineeri	ng, Departm	13		
wrence, Joseph G.	Chemical Engineering, Department of			13		
∕ans, William ⊤.				13		
ıvaid, Ahmad Y.	Electrical Engineering and Computer Sc	ience, Depa	rtment of			
un, Weiqing	Engineering Technology, Department of			13		
are Helmet Health System	(CrewCare-HHS): a helmet-integrated	No	\$28,289	\$14,711	\$43,000	\$43,000
and performance monitori	ng system					
epartment of Defense throug	nh Aptima, Inc					
ame	Department			% Credit		
ameron, Brent D.	Bioengineering, Department of			100		
chancial testing of spinal of	devices	No	\$15,754	\$4,726	\$20,480	\$20,480
edical Corp.						
ame_	Department			% Credit		
ameron, Brent D.	Bioengineering, Department of			100		
e Ohio First Scholarship P	rogram (24.40)	No	\$76,857	\$0	\$76,857	\$76,857
epartment of Higher Educati	on					
ame	Department			% Credit		
olitor, Scott C.	Bioengineering, Department of			100		
II IUCRC The University of	Toledo: Center for Disruptive	No	\$43,759	\$11,051	\$54,810	\$54,810
loskeletal Innovations (CD	MI) - INTERN (Characterizing the		·	·		
)				
		•				
ame	Department			% Credit		
				100		
•						
	ahinia, Mohammad awrence, Joseph G. vans, William T. avaid, Ahmad Y. an, Weiqing are Helmet Health System and performance monitoric epartment of Defense throug ame ameron, Brent D. chancial testing of spinal of edical Corp. ame ameron, Brent D. e Ohio First Scholarship P epartment of Higher Education ame olitor, Scott C. II IUCRC The University of loskeletal Innovations (CD	Ashinia, Mohammad Mechanical, Industrial, and Manufacturin Chemical Engineering, Department of Engineering Technology, Department of Electrical Engineering and Computer Sciun, Weiqing Engineering Technology, Department of Electrical Engineering and Computer Sciun, Weiqing Engineering Technology, Department of Engineering Technology, D	Ashinia, Mohammad Awrence, Joseph G. Arans, William T. Engineering Technology, Department of Chemical Engineering Technology, Department of Electrical Engineering and Computer Science, Department of Electrical Engineering Technology, Department of Electrical Engineering and Computer Science, Department, Weiqing Engineering Technology, Department of Electrical Engineering Engineering Technology, Department of Electrical Engine	Alinia, Mohammad Alinia, William T. Ising ineering Technology, Department of Engineering Technology, Department of Engineering, Department of Engine	Ashinia, Mohammad Mechanical, Industrial, and Manufacturing Engineering, Department of Chemical Engineering, Department of 13 Awrence, Joseph G. Chemical Engineering, Department of 13 Awrans, William T. Engineering Technology, Department of 13 Awrans, William T. Engineering and Computer Science, Department of 13 Awrans, William T. Electrical Engineering and Computer Science, Department of 13 Awrans, Weiqing Engineering Technology, Department of 13 Awrans, Weiqing Engineering Technology, Department of 13 Awrans are Helmet Health System (CrewCare-HHS): a helmet-integrated No \$28,289 \$14,711 Awrans are Helmet Health System (CrewCare-HHS): a helmet-integrated No \$28,289 \$14,711 Awrans are Helmet Health System (CrewCare-HHS): a helmet-integrated No \$28,289 \$14,711 Awrans are Helmet Health System (CrewCare-HHS): a helmet-integrated No \$28,289 \$14,711 Awrans are Helmet Health System (CrewCare-HHS): a helmet-integrated No \$28,289 \$14,711 Awrans are Helmet Health System (Credit and performance monitoring system Papartment of Department of No \$15,754 \$4,726 Awrans are Department of Bioengineering, Department of No \$15,754 \$4,726 Awrans are Department of Higher Education Awrans are Awrans	ahinia, Mohammad Mechanical, Industrial, and Manufacturing Engineering, Departm 13 Abwrence, Joseph G. Chemical Engineering, Department of 13 Avaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 13 Avaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 13 Avaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 13 Avaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 13 Avaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 13 Avaid, Movernor Science, Department of 13 Avaid, Movernor Science, Department of 13 Avaid, Movernor Science, Department of 14, 2000 Avaid, Altimatic Science, Department of Defense through Aptima, Incurrent of Defense through Aptima, Incurrent of Defense through Aptima, Incurrent of Department of 100 Avaid Corp. And Experiment D. Bioengineering, Department of 100 Avaid Corp. Bioengineering Corp. Bioengine

Dept Award

10/7/2024 12:48:24PM Page 13 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wit	ew funds, i.e. not reported in a previous fiscal year.	Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit	
Bioengineering, De	partment of						
S-124228-09-W1 9/1/23 to 8/31/24	Investigation of the spinal cord and nerv Posterior Longitudinal Ligament (OPLL) techniques in a cervical and thoracoluml with muscle forces NSF-CDMI Industry Consortium	and various decompression	No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD PI/PD		ment ineering, Department of ineering, Department of			<u>% Credit</u> 100		
S-124228-09-W2 9/1/23 to 8/31/24	Evaluation and comparison of the mechan metals (NanoSus Cp-4 Titanium) and bas alloy) in an ASTM standards F1717 corp NSF-CDMI Industry Consortium	seline alloys (standard Ti6Al4V	No	\$54,545	\$5,455	\$60,000	\$60,000
Role PI/PD PI/PD	Name Depart Cameron, Brent D. Bioeng	<u>ment</u> ineering, Department of ineering, Department of			<u>% Credit</u> 100		
S-124228-09-W3 9/1/23 to 8/31/24	The role of flexibility of the thoracic spine on lumbar spinal disease based on the concept of joint-by-joint theory NSF-CDMI Industry Consortium		No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD PI/PD		ment ineering, Department of ineering, Department of			<u>% Credit</u> 100		
S-124228-09-W4 9/1/23 to 8/31/24	Development of clinically relevant in-vitr sacroiliac joint (SIJ) fusion devices by-jo NSF-CDMI Industry Consortium		No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD PI/PD		<u>ment</u> ineering, Department of ineering, Department of			<u>% Credit</u> 100		
S-124228-09-W5 9/1/23 to 8/31/24	Biomechanics of cervical spine with artif (Year 3 - index 207090) NSF-CDMI Industry Consortium	icial disc during pilot ejection	No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD PI/PD		<u>ment</u> ineering, Department of ineering, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 14 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wit	th new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Bioengineering, De	epartment of						
S-129452-01-S1 7/6/23 to 2/28/25	REU Supplement: PFI-TT: Bior Platform National Science Foundation	nimetic Engineered Space Technology	No	\$0	\$16,000	\$16,000	\$12,800
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Yildirim-Ayan, Eda D. Ayan, Halim Georgiev, Daniel G. Rapino, Norman	Department Bioengineering, Department of Bioengineering, Department of Electrical Engineering and Computer Sc Electrical Engineering and Computer Sc Sum of Department (Bioengineer	ience, Depa	ertment of	% Credit 70 10 5 15		\$1,119,301
Chamical Engineer	ing, Department of	Sum of Department (Bidengmeet	ilig, Depai	intention) Awa	ard Count. 14.23		φ1,119,301
C-125107-09 1/1/24 to 12/31/24			No	\$1,664,851	\$192,839	\$1,857,690	\$185,769
Role PI/PD Co-I Co-I	<u>Name</u> Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold	Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department			<u>% Credit</u> 80 10 10		
C-128458-02 10/1/23 to 3/31/25	High pH/high alkalinity cultiva and Algae Bioproducts U.S. Department of Energy throu	tion for Direct Atmospheric Air Capture	No	\$189,549	\$95,722	\$285,271	\$285,271
Role PI/PD	<u>Name</u> Viamajala, Sridhar	<u>Department</u> Chemical Engineering, Department of			<u>% Credit</u> 100		
C-129563-01-I03 9/12/23 to 3/31/24	High Fidelity Simulations of M National Energy Technology Lab	embrane Gas Separation Modules (Task 1 oratory through Leidos, Inc.	l) No	\$7,973	\$4,027	\$12,000	\$12,000 _
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical Engineering, Department of			<u>% Credit</u> 100		
C-129563-01-104 2/14/24 to 5/31/24	High Fidelity Simulations of M National Energy Technology Lab	embrane Gas Separation Modules (Task 1 oratory through Leidos, Inc.	l) No	\$13,320	\$6,726	\$20,046	\$20,046
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical Engineering, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 15 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	new lunds, i.e. not reported in a previous liscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit	
Chemical Engineeri	ng, Department of						
C-129801-02	Methods to Control HABs in Inla 2)	arly Detection and Sustained Treatment nd Source Waters in Ohio (Option Year	No	\$431,362	\$68,573	\$499,935	\$109,986
1/1/24 to 12/31/24	U.S. Army Corps of Engineers						
Role PI/PD Co-I Co-I Co-I Stdnt Schol	Name Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook Lapitsky, Yakov Depinet, Kelsey Ann	Department Civil & Environmental Engineering, Depar Lake Erie Soil and Water Research and E Civil & Environmental Engineering, Depar Chemical Engineering, Department of	ducation C	Center	% <u>Credit</u> 36 20 22 22		
C-130022-01-I01	Industrial Carbon Capture Memb	rane Simulation (Task 3)	No	\$9,927	\$5,013	\$14,940	\$14,940
9/12/23 to 6/30/24	National Energy Technology Labor	` '	110	Ψ0,021	ψο,σ το	Ψ1-1,0-10	Ψ1-7,0-10
Role PI/PD	Name Lipscomb, Glenn	Department Chemical Engineering, Department of			<u>% Credit</u> 100		
C-130322-01-l01 5/7/24 to 2/28/27	From Bottles to Beauty: Creating learning in plastics circularity National Institute of Standards and		No	\$132,891	\$67,109	\$200,000	\$150,000
Role PI/PD PI/PD Co-I	<u>Name</u> Lawrence, Joseph G. Liberatore, Matthew Walter Baki, Gabriella	Department Chemical Engineering, Department of Chemical Engineering, Department of Pharmacy Practice, Department of			<u>% Credit</u> 75 25		
N-129557-01-A1	Engineering Exosome for Pancre	eatic Cancer Targeting Therapies	No	\$322,355	\$175,683	\$498,038	\$24,902
9/21/23 to 8/31/24	National Cancer Institute						_
Role PI/PD Co-I Co-I Co-I	Name Liu, Shi-He Lapitsky, Yakov Liu, JingYuan Stanoszek, Lauren Michele Zhang, Jian-Ting	Department Cell & Cancer Biology, Department of Chemical Engineering, Department of Medicine, Department of Pathology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 95 5		
N-129563-01-l02	•	nbrane Gas Separation Modules (Task 1)	No	\$3,987	\$2,013	\$6,000	\$6,000
8/22/23 to 12/30/23	National Energy Technology Labor	atory through Leidos, Inc.					
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical Engineering, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 16 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

. 99 pj	n new funds, i.e. not reported in a pr	<u>C</u>	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
hemical Engineeri	ng, Department of						
N-130318-01-W1	Test and Modeling to Predict Sp Failures (RSES)	acesuit Water Membrane Evaporator	No	\$9,272	\$4,728	\$14,000	\$14,00
6/1/23 to 5/31/26	National Aeronautics and Space A Inc.	dministration through Analytical Mechanics Asso	ociates,	,			
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical Engineering, Department of			<u>% Credit</u> 100		
N-130322-01	From Bottles to Beauty: Creatin learning in plastics circularity	g connections using experiential	No	\$212,757	\$87,243	\$300,000	\$225,00
3/1/24 to 2/28/27	National Institute of Standards and	l Technology					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of			75		
PI/PD	Liberatore, Matthew Walter	Chemical Engineering, Department of			0.5		
Co-I	Baki, Gabriella	Pharmacy Practice, Department of	Na	¢4 000 C0E	25	¢4 000 C05	6422.04
N-130510-01 2/28/24 to 6/30/25	Super RAPIDS Ohio Department of Higher Education	tian	No	\$1,029,605	\$0	\$1,029,605	\$133,849
	Ohio Department of Higher Educa				0/ 01:4		
Role PI/PD	Name	Department Biography Sping Department of			% Credit 22		
Co-PI	Relue, Patricia Ann Cameron, Brent D.	Bioengineering, Department of Bioengineering, Department of			13		
Co-PI	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing En	aineeri	ng Denartm	13		
Co-Pi	Lawrence, Joseph G.	Chemical Engineering, Department of	91110011	ng, Boparar	13		
Co-I	Evans, William T.	Engineering Technology, Department of			13		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science	e, Depa	rtment of	13		
Co-I	Sun, Weiqing	Engineering Technology, Department of			13		
N-130577-01-W1	Rheology testing for Velcro		No	\$7,692	\$2,308	\$10,000	\$10,00
11/6/23 to 11/5/25	Velcro USA Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Liberatore, Matthew Walter	Chemical Engineering, Department of			100		
N-600142-01	Reactive Melt Extrusion of PET	and PEF Blends	No	\$49,342	\$25,658	\$75,000	\$75,00
1/16/24 to 1/15/25	Micromidas, Inc., dba Origin Mate	rials					
Role PI/PD	<u>Name</u>	<u>Department</u>			% Credit		1
	Lawrence, Joseph G.	Chemical Engineering, Department of			100		1

Dept Award

Civil & Environmental Engineering, Department of

10/7/2024 12:48:24PM Page 17 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

	n new lunds, i.e. not reported in a p	nevious liseal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ivil & Environmen	tal Engineering, Department of						
C-128313-04	Evaluation of the Perpetual Pav	vement Concept	No	\$8,871	\$3,626	\$12,497	\$12,497
8/23/23 to 10/1/24	U.S. Department of Transportatio	n through Ohio University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chou, Eddie Yein-Juin	Civil & Environmental Engineering, Dep	partment of		100		
Stdnt Schol	,						
Stdnt Schol		a of University of Tolode Commun	No	6202.04.4	675.070	¢270.002	¢75.07
C-128815-04	•	g of University of Toledo Campus	No	\$303,914	\$75,979	\$379,893	\$75,97
7/1/23 to 6/30/24		Prevention through Ohio Department of He	eaitn		0/ 0 !!!		
Role	Name Ottob	<u>Department</u>			% Credit		
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Departme			80		
Co-I Co-I	Chattopadhyay, Saurabh Kang, Dae Wook	Med Microbiology & Immunology, Depa Civil & Environmental Engineering, Dep			20		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department			20		
C-129801-02		Early Detection and Sustained Treatme		\$431,362	\$68,573	\$499,935	\$289,96
0 120001 02		land Source Waters in Ohio (Option Yea		4-10-1,002	400,010	Ψ-100,000	4 200,00
	2)	,					
1/1/24 to 12/31/24	Ú.S. Army Corps of Engineers						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Seo, Youngwoo	Civil & Environmental Engineering, Dep			36		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and		Center	20		
Co-I	IZ D \A/ I.	0.10					
	Kang, Dae Wook	Civil & Environmental Engineering, Dep	partment of		22		
Co-I	Lapitsky, Yakov	Civil & Environmental Engineering, Department of	partment of		22 22		
Co-I Stdnt Schol	Lapitsky, Yakov Depinet, Kelsey Ann	Chemical Engineering, Department of		*****	22		
Co-I Stdnt Schol	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength o		partment of No	\$24,997		\$28,746	\$28,74
Co-I Stdnt Schol N-130010-01	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members	Chemical Engineering, Department of of Corrosion-Damaged Reinforced	No	\$24,997	22	\$28,746	\$28,74
Co-l Stdnt Schol N-130010-01 10/1/23 to 9/25/25	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four	Chemical Engineering, Department of of Corrosion-Damaged Reinforced and ation through University of Texas at Australia	No	\$24,997	\$3, 749	\$28,746	\$28,74
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name	Chemical Engineering, Department of of Corrosion-Damaged Reinforced Indation through University of Texas at Australian Department	No stin	\$24,997	\$3, 749 <u>% Credit</u>	\$28,746	\$28,74
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role PI/PD	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name Guner, Serhan	Chemical Engineering, Department of of Corrosion-Damaged Reinforced ndation through University of Texas at Ausoperatment Department Civil & Environmental Engineering, Department Civil & Environmental Engineering, Department Civil & Environmental Engineering, Department Civil & Environmental Engineering, Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering Civil & Environmental Civil & Environmental Civil & Environmental Civil & Enviro	No stin partment of		\$3,749 <u>% Credit</u> 100		\$28,740
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role PI/PD N-130187-01	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name Guner, Serhan Veterans' Glass City Skyway Br	Chemical Engineering, Department of of Corrosion-Damaged Reinforced and ation through University of Texas at Australia Department Civil & Environmental Engineering, Departing Main Cable Evaluation	No stin partment of No	\$24,997 \$103,234	\$3, 749 <u>% Credit</u>	\$28,746 \$143,648	
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role PI/PD N-130187-01 7/27/23 to 5/27/25	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name Guner, Serhan Veterans' Glass City Skyway Brund U.S. Department of Transportation	Chemical Engineering, Department of of Corrosion-Damaged Reinforced and ation through University of Texas at Auson Department Civil & Environmental Engineering, Departing Main Cable Evaluation on through Ohio Department of Transportation	No stin partment of No		\$3,749 <u>% Credit</u> 100 \$40,414		
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role PI/PD N-130187-01 7/27/23 to 5/27/25 Role	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name Guner, Serhan Veterans' Glass City Skyway Br U.S. Department of Transportation Name	Chemical Engineering, Department of of Corrosion-Damaged Reinforced on through University of Texas at Australia Department Civil & Environmental Engineering, Department On through Ohio Department of Transportation Department	No stin partment of No tion		\$3,749 **Second Second		
Co-I Stdnt Schol N-130010-01 10/1/23 to 9/25/25 Role PI/PD N-130187-01 7/27/23 to 5/27/25	Lapitsky, Yakov Depinet, Kelsey Ann Evaluating Residual Strength of Concrete Members American Concrete Institute Four Name Guner, Serhan Veterans' Glass City Skyway Brund U.S. Department of Transportation	Chemical Engineering, Department of of Corrosion-Damaged Reinforced and ation through University of Texas at Auson Department Civil & Environmental Engineering, Departing Main Cable Evaluation on through Ohio Department of Transportation	No stin partment of No tion partment of	\$103,234	\$3,749 <u>% Credit</u> 100 \$40,414		\$28,746 \$136,466

Dept Award

10/7/2024 12:48:24PM Page 18 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit	
tal Engineering, Department of						
Enhancing the Performance o for Contaminant Removal	f Granular Activated Carbon Contactors	No No	\$132,690	\$67,008	\$199,698	\$199,69
8 Ohio Water Development Autho	rity					
<u>Name</u> Seo, Youngwoo	<u>Department</u> Civil & Environmental Engineering, De	partment of		<u>% Credit</u> 100		
Advance entrepreneurial mino	set within engineering education to	No	\$10,000	\$0	\$10,000	\$10,00
	ering students					
Kern Family Foundation						,
<u>Name</u>	<u>Department</u>					
*	<u>_</u>	partment of				
	ressed Concrete Box Beam Bridge	No	\$95,000	\$5,000	\$100,000	\$100,00
		tion				1
,						<u> </u>
		No	\$100,651	\$8,052	\$108,703	\$54,35
Ohio Department of Higher Edu	cation through Ohio University					,
<u>Name</u>	<u>Department</u>					
,			rtment of			
·	<u>_</u>	partment of				
		No	\$95,000	\$5,000	\$100,000	\$100,00
		tion				7
<u>Name</u>	<u>Department</u>					
<u>'</u>						
	formance in Historically Under-Perform	ing No	\$47,425	\$4,194	\$51,619	\$51,61
		tion				1
<u>Name</u>	<u>Department</u>					
•	Civil & Environmental Engineering, De	partment of		100		
Davenport, Austin Mark						
	Sum of Department (Civil & Environm	ental Engine	ering. De Awa	ard Count: 9.23		\$1,059,318
	tal Engineering, Department of Enhancing the Performance of for Contaminant Removal B Ohio Water Development Author Name Seo, Youngwoo Advance entrepreneurial mindimpact undergraduate engineer Kern Family Foundation Name Guner, Serhan Innovative Evaluation of Prest Designs (STAR Program) U.S. Department of Transportation Name Guner, Serhan Alternative Energy Sources for Ohio Department of Higher Educe Name Stuart, Thomas A. Chou, Eddie Yein-Juin From Data to Action: Leveragi Intelligence to Guide Proactive U.S. Department of Transportation Name Chou, Eddie Yein-Juin Investigation of Pavement Per Regions U.S. Department of Transportations	Enhancing the Performance of Granular Activated Carbon Contactors for Contaminant Removal Brown Civil & Environmental Engineering, Desartment Seo, Youngwoo Civil & Environmental Engineering, Desartment Guner, Serhan Civil & Environmental Engineering, Desartment Guner, Serhan Civil & Environmental Engineering, Desartment Guner, Serhan Civil & Environmental Engineering, Desartment of Transportation through Ohio Department of Transportation through Ohio Department of Transportation through Ohio University Name Department Civil & Environmental Engineering, Desartment of Transportation through Ohio University Name Department Of Higher Education through Ohio University Name Stuart, Thomas A. Electrical Engineering and Computer Stuart, Thomas A. Chou, Eddie Yein-Juin Civil & Environmental Engineering, Desartment of Gransportation through Ohio Department of Transportation through Ohio Department of Trans	tal Engineering, Department of Enhancing the Performance of Granular Activated Carbon Contactors Sohio Water Development Authority Name Seo, Youngwoo Civil & Environmental Engineering, Department of Advance entrepreneurial mindset within engineering education to impact undergraduate engineering students Kern Family Foundation Name Guner, Serhan Civil & Environmental Engineering, Department of Innovative Evaluation of Prestressed Concrete Box Beam Bridge No Designs (STAR Program) U.S. Department of Transportation through Ohio Department of Transportation Name Guner, Serhan Civil & Environmental Engineering, Department of Alternative Energy Sources for Electric Vehicle Charging Stations Ohio Department of Higher Education through Ohio University Name Stuart, Thomas A. Chou, Eddie Yein-Juin Civil & Environmental Engineering, Department of From Data to Action: Leveraging Machine Learning/ Artificial No Intelligence to Guide Proactive Pedestrian and Cyclist Safety Initiatives U.S. Department of Transportation through Ohio Department of Transportation Name Chou, Eddie Yein-Juin Civil & Environmental Engineering, Department of Investigation of Pavement Performance in Historically Under-Performing Regions U.S. Department of Transportation through Ohio Department of Transportation Name Chou, Eddie Yein-Juin Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Regions U.S. Department of Transportation through Ohio Department of Transportation No Regions U.S. Department of Transportation through Ohio Department of Transportation	tal Engineering, Department of Enhancing the Performance of Granular Activated Carbon Contactors No \$132,690 for Contaminant Removal Sohio Water Development Authority Name Seo, Youngwoo Civil & Environmental Engineering, Department of Seo, Youngwoo Civil & Environmental Engineering, Department of Seo, Youngwoo Students Kern Family Foundation Name Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Seo, Youngwoo S	Ial Engineering, Department of Enhancing the Performance of Granular Activated Carbon Contactors No \$132,690 \$67,008 for Contaminant Removal 8 Ohio Water Development Authority Name Department Seo, Youngwoo Civil & Environmental Engineering, Department of 100 \$10,000 \$1	Lal Engineering, Department of Enhancing the Performance of Granular Activated Carbon Contactors No \$132,690 \$67,008 \$199,698 for Contaminant Removal 5 Ohio Water Development Authority Name Department Civil & Environmental Engineering, Department of 100 \$10,000 \$

Dept Award

Electrical Engineering and Computer Science, Department of

10/7/2024 12:48:24PM Page 19 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a pre	evious fiscai year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Electrical Engineering	ng and Computer Science, Depart	ment of					
C-128819-03-l01 10/9/23 to 9/30/24	Reconfigurable Plasma Protection Office of Naval Research through F	on against High Power Microwaves Purdue University	No	\$39,868	\$20,132	\$60,000	\$60,000
Role PI/PD	<u>Name</u> Semnani, Abbas	<u>Department</u> Electrical Engineering and Computer Sci	ence, Depa	rtment of	<u>% Credit</u> 100		
C-128819-03-l02 6/24/24 to 4/30/25	Reconfigurable Plasma Protection Office of Naval Research through F	on against High Power Microwaves Purdue University	No	\$48,361	\$24,423	\$72,784	\$72,784
Role PI/PD	<u>Name</u> Semnani, Abbas	<u>Department</u> Electrical Engineering and Computer Sci	ence, Depa		<u>% Credit</u> 100		
C-128989-04 7/26/23 to 12/31/24	Transistors."	otimization and Modeling of Power	No	\$79,734	\$40,266	\$120,000	\$120,000
Role PI/PD Stdnt Schol Stdnt Schol	<u>Name</u> Khanna, Raghav Atwimah, Samuel Kwabena Wedding, Carol Ann Estelle	<u>Department</u> Electrical Engineering and Computer Sci	ence, Depa	rtment of	<u>% Credit</u> 100		
C-129270-02 11/1/23 to 7/31/25	Integrated LIBS-RAMAN-AI System Analysis of MSW Streams U.S. Department of Energy through	m for Real Time, In-Situ Chemical Lehigh University	No	\$35,120	\$17,735	\$52,855	\$52,855
Role PI/PD	<u>Name</u> Cheng, Liang	<u>Department</u> Electrical Engineering and Computer Sci	ience, Depa	rtment of	<u>% Credit</u> 100		
C-130079-02 9/1/23 to 8/31/24	Ohio TechNet Northeast Ohio (O' Consortium Intel Corporation through Lorain Co	TN-NEO) Semiconductor Workforce	No	\$25,477	\$0	\$25,477	\$25,477
Role PI/PD PI/PD	Name Cheng, Liang Hobbs, Joseph Martin	Department Electrical Engineering and Computer Sci Electrical Engineering and Computer Sci			<u>% Credit</u> 100		
N-129758-01 8/1/23 to 7/31/26	High-throughput high-resolution phenotypic drug discovery applicational Institute of Biomedical Image		No	\$300,000	\$151,500	\$451,500	\$45,150
Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol	Name Ray, Aniruddha Kaur, Devinder Himel, Antardip Koogan, Cyrus Thomas Rex Mudaliyar, Ashwini Subramanian, Aakash	<u>Department</u> Physics and Astronomy, Department of Electrical Engineering and Computer Sci	ence, Depa	rtment of	<u>% Credit</u> 90 10		

Dept Award

10/7/2024 12:48:24PM Page 20 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	h new funds, i.e. not reported in a p	previous fiscal year.	<u>Cash</u>	? Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Electrical Engineeri	ing and Computer Science, Depa	rtment of					
N-130187-01	Veterans' Glass City Skyway B	ridge Main Cable Evaluation	No	\$103,234	\$40,414	\$143,648	\$7,182
7/27/23 to 5/27/25	U.S. Department of Transportation	n through Ohio Department of Transporta	ation				
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Guner, Serhan	Civil & Environmental Engineering, De			83		
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer			5		
Co-I	Nims, Douglas K.	Civil & Environmental Engineering, De	•		12		
N-130314-01-W1	Demonstration of High Efficien	cy GaN-based Power Inverter for Elect	tric No	\$39,474	\$20,526	\$60,000	\$60,000
	Machines						
	4 Dana Corporation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Khanna, Raghav	Electrical Engineering and Computer			50		
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer	Science, De		50		
N-130406-01		for Highly Compact and Versatile RF	No	\$290,947	\$146,928	\$437,875	\$437,875
	Electronics						
5/1/24 to 4/30/29	National Science Foundation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Semnani, Abbas	Electrical Engineering and Computer	Science, De	partment of	100		
N-130422-01	IPA		No	\$199,945	\$0	\$199,945	\$199,945
9/11/23 to 9/10/24	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Serpen, Gursel	Electrical Engineering and Computer	Science, De	partment of	100		
N-130508-01	Modeling of Components in Nu	ıclear/Renewable Power Systems	No	\$59,801	\$31,097	\$90,898	\$68,174
11/9/23 to 10/31/24							
Role	Name	Department			% Credit		
PI/PD	Khanna, Raghav	Electrical Engineering and Computer	Science, De	partment of	25		
Co-I	Heben, Michael J.	Physics and Astronomy, Department	of	•	25		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer			25		
Co-I	Krishna Murari, FNU	Electrical Engineering and Computer	Science, De	•	25		
N-130510-01	Super RAPIDS		No	\$1,029,605	\$0	\$1,029,605	\$133,849
2/28/24 to 6/30/25	Ohio Department of Higher Educ	ation					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Relue, Patricia Ann	Bioengineering, Department of			22		
Co-PI	Cameron, Brent D.	Bioengineering, Department of			13		
Co-PI	Elahinia, Mohammad	Mechanical, Industrial, and Manufactu		ering, Departm	13		
Co-PI	Lawrence, Joseph G.	Chemical Engineering, Department of			13		
Co-I	Evans, William T.	Engineering Technology, Department			13		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer		partment of	13 13		
Co-I	Sun, Weiqing	Engineering Technology, Department	UI		13		J

Dept Award

10/7/2024 12:48:24PM Page 21 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award Electrical Engineering and Computer Science, Department of** N-130624-01 Alternative Energy Sources for Electric Vehicle Charging Stations No \$100,651 \$8,052 \$108,703 \$54,352 2/22/24 to 6/30/25 Ohio Department of Higher Education through Ohio University Role % Credit Name Department PI/PD Stuart. Thomas A. Electrical Engineering and Computer Science, Department of 50 Co-I Chou, Eddie Yein-Juin Civil & Environmental Engineering, Department of 50 \$0 N-130640-01 Improving Cybersecurity Awareness and K-12 Education in No \$12,377 \$12,377 \$6,189 **Northwestern Ohio** 12/19/23 to 6/30/24 Ohio Department of Higher Education through Bowling Green State University Role % Credit Department Name PI/PD Javaid, Ahmad Y. Electrical Engineering and Computer Science, Department of 50 Co-I Sun, Weiging Engineering Technology, Department of 50 N-130644-01 TCAD and Circuit Models for Semiconductor Opening Switches No \$65.790 \$34.210 \$100,000 \$100,000 3/28/24 to 3/28/25 Naval Research Laboratory Role Name Department % Credit PI/PD Georgiev, Daniel G. Electrical Engineering and Computer Science, Department of 50 Co-PI 50 Khanna, Raghav Electrical Engineering and Computer Science, Department of Stdnt Schol Fearn, Terry Stdnt Schol Halterman, Elijah N-600212-01 No \$79,465 \$41,322 SMART Hub (Task Order #2) \$120,787 \$120,787

Engineering	Technology.	Department	of

Name

Name

Ayan, Halim

Platform

Semnani, Abbas

National Science Foundation

Yildirim-Ayan, Eda D.

Georgiev. Daniel G.

Rapino, Norman

Army Research Laboratory through Baylor University

Department

Department

Bioengineering, Department of

Bioengineering, Department of

REU Supplement: PFI-TT: Biomimetic Engineered Space Technology

5/20/24 to 5/19/25

S-129452-01-S1

7/6/23 to 2/28/25

Role

PI/PD

Co-I

Co-I

Co-I

Role

PI/PD

Linging recinit	nogy, Department of						
N-130421-01	IPA		No	\$212,029	\$0	\$212,029	\$212,029
8/28/23 to 8/27/24	National Science Foundation						_
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Alaraje, Abdulnasser	Engineering Technology, Department of			100		

Electrical Engineering and Computer Science, Department of

Electrical Engineering and Computer Science, Department of

Electrical Engineering and Computer Science, Department of

Sum of Department (Electrical Engineering and Computer S Award Count: 12.23

% Credit

\$0

No

100

\$16,000

\$3,200

\$1.567.817

\$16,000

% Credit

70

10

15

5

10/7/2024 12:48:24PM Page 22 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

	ology, Department of						
N-130510-01	Super RAPIDS		No	\$1,029,605	\$0	\$1,029,605	\$267,69
2/28/24 to 6/30/25	Ohio Department of Higher Edu	cation					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Relue, Patricia Ann	Bioengineering, Department of			22		
Co-PI	Cameron, Brent D.	Bioengineering, Department of			13		
Co-PI	Elahinia, Mohammad	Mechanical, Industrial, and Manufactu	ring Engineeri	ing, Departm	13		
Co-PI	Lawrence, Joseph G.	Chemical Engineering, Department of	0 0		13		
Co-I	Evans, William T.	Engineering Technology, Department	of		13		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer S	Science, Depa	artment of	13		
Co-I	Sun, Weiqing	Engineering Technology, Department	of .		13		
N-130640-01	Improving Cybersecurity Awa	reness and K-12 Education in	No	\$12,377	\$0	\$12,377	\$6,1
	Northwestern Ohio			. ,	·	. ,	. ,
12/19/23 to 6/30/24		cation through Bowling Green State Univer-	sity				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Javaid, Ahmad Y.	Electrical Engineering and Computer S	Science, Depa	rtment of	50		
Co-I	Sun, Weiqing	Engineering Technology, Department	of		50		
N-600352-01	Integration of Computational	Tools in the Mechanical Engineering (ME	E) No	\$5,000	\$0	\$5,000	\$1,2
	and Mechanical Engineering	Technology (MET) Curricula				·	, ,
1/1/24 to 8/31/24		Technology (MET) Curricula n University of Illinois at Urbana-Champaign	1			·	. ,
	Kern Family Foundation through	n University of Illinois at Urbana-Champaign)		% Credit	·	1 ,
Role PI/PD	Kern Family Foundation through Name	n University of Illinois at Urbana-Champaign Department		ing. Departm	<u>% Credit</u> 55	, in the second	
Role PI/PD	Kern Family Foundation through Name Cioc, Sorin	<u>University of Illinois at Urbana-Champaign</u> <u>Department</u> Mechanical, Industrial, and Manufactu	ring Engineer		55		
Role	Kern Family Foundation through Name Cioc, Sorin Amili, Omid	<u>Department</u> Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu	ring Engineer ring Engineer		55 10		
Role PI/PD Co-PI	Kern Family Foundation through Name Cioc, Sorin	<u>University of Illinois at Urbana-Champaign</u> <u>Department</u> Mechanical, Industrial, and Manufactu	ring Engineer ring Engineer of	ing, Departm	55		
Role PI/PD Co-PI Co-PI Co-PI	Kern Family Foundation through Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R.	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu	ring Engineer ring Engineer of	ing, Departm	55 10 25	\$200,237	
Role PI/PD Co-PI Co-PI Co-PI	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving	<u>Department</u> Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department	ring Engineer ring Engineer of ring Engineer	ing, Departming, Departm	55 10 25 10	\$200,237	
Role PI/PD Co-PI Co-PI Co-PI	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving Computing (COFIMPRESS-	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu	ring Engineer ring Engineer of ring Engineer	ing, Departming, Departm	55 10 25 10	\$200,237	
Role PI/PD Co-PI Co-PI Co-PI R-127946-05	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving Computing (COFIMPRESS-C)	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu Retention and Student Success in	ring Engineer ring Engineer of ring Engineer	ing, Departming, Departm	55 10 25 10	\$200,237	\$200,2
PI/PD Co-PI Co-PI	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving Computing (COFIMPRESS-	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu Retention and Student Success in	ring Engineer ring Engineer of ring Engineer	ing, Departming, Departm	55 10 25 10	\$200,237	
Role PI/PD Co-PI Co-PI Co-PI R-127946-05	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving Computing (COFIMPRESS-C) Ohio Department of Higher Edu	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu Retention and Student Success in	ring Engineer ring Engineer of ring Engineer No	ing, Departming, Departm	55 10 25 10 \$0	\$200,237	
Role PI/PD Co-PI Co-PI Co-PI R-127946-05	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R. Choose Ohio First: IMProving Computing (COFIMPRESS-C) Ohio Department of Higher Edu Name	Department Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Mechanical, Industrial, and Manufactu Engineering Technology, Department of Mechanical, Industrial, and Manufactu Retention and Student Success in Cation Department	ring Engineer ring Engineer of ring Engineer No	ing, Departming, Departm \$200,237	55 10 25 10 \$0 % Credit 100	\$200,237	

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

Total Award

10/7/2024 12:48:24PM Page 23 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	ո new funds, i.e. not reported in a բ	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Mechanical, Industr	ial, and Manufacturing Engineer	ing, Department of					
C-127707-04	medical device commercializat		nd No	\$40,000	\$3,200	\$43,200	\$2,160
8/1/23 to 7/31/24	National Institute of Biomedical In	naging & Bioengineering					_
Role PI/PD Co-I Co-I	<u>Name</u> Yildirim-Ayan, Eda D. Ayan, Halim Cioc, Sorin	<u>Department</u> Bioengineering, Department of Bioengineering, Department of Mechanical, Industrial, and Manufactu	uring Engineerin	g, Departm	<u>% Credit</u> 65 10 5		
Co-I Co-I Co-I	Pappada, Scott Michael Rapino, Norman Relue, Patricia Ann	Medical Services 5 Research & Sponsored Programs Bioengineering, Department of			5 10 5		
C-128307-05	Compact Gas Turbine Compres	•	No	\$168,917	\$43,918	\$212,835	\$212,835
4/1/24 to 3/31/25	National Aeronautics and Space						1
Role PI/PD	<u>Name</u> Hixon, Duane	<u>Department</u> Mechanical, Industrial, and Manufactu	uring Engineerin	<u> </u>	<u>% Credit</u> 100		
C-128329-03	NSF I-Corps Hub: Great Lakes		No	\$41,876	\$10,888	\$52,764	\$52,764
1/1/24 to 12/31/24	National Science Foundation thro	ough University of Michigan					•
Role PI/PD Dir Ctr/Inst	<u>Name</u> Franchetti, Matthew J. Rapino, Norman	Department Mechanical, Industrial, and Manufactu Research & Sponsored Programs	uring Engineerin	g, Departm	<u>% Credit</u> 100 0		
C-128330-06	Compact Gas Turbine Compres	ssor CFD Analysis	No	\$56,730	\$14,750	\$71,480	\$71,480
10/1/23 to 3/31/24	NASA John H. Glenn Research (Center at Lewis Field through HX5, LLC					
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufactu	uring Engineerin	g, Departm	<u>% Credit</u> 100		
C-128330-07 4/1/24 to 9/30/24	Compact Gas Turbine Compres NASA John H. Glenn Research (ssor CFD Analysis Center at Lewis Field through HX5, LLC	No	\$50,393	\$13,102	\$63,495	\$63,49
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufactu	uring Engineerin	g, Departm	<u>% Credit</u> 100		
C-128334-06 10/1/23 to 3/31/24	Turbomachinery in Support of	s for the Simulation of Multistage Aeropropulsion Center at Lewis Field through HX5, LLC	No	\$15,448	\$4,016	\$19,464	\$19,464
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufactu	uring Engineerin	g, Departm	<u>% Credit</u> 100		
C-128334-07 4/1/24 to 9/30/24	Turbomachinery in Support of	s for the Simulation of Multistage Aeropropulsion Center at Lewis Field through HX5, LLC	No	\$50,393	\$13,102	\$63,495	\$63,495
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufactu	uring Engineerin	g, Departm	<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 24 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Mechanical, Industr	rial, and Manufacturing Enginee	ering, Department of					
C-128335-06	Analysis for Future Aircraft Pr	•	No	\$64,574	\$16,789	\$81,363	\$81,363
10/1/23 to 3/31/24		Center at Lewis Field through HX5, LLC			0/ 0 11		1
Role	Name Kaith Than C	Department		a. Donoutus	% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu			100	¢4C0 C74	\$4.CO.C74
C-128335-07	Analysis for Future Aircraft Pr	•	No	\$133,866	\$34,805	\$168,671	\$168,671
4/1/24 to 3/31/25		Center at Lewis Field through HX5, LLC			2/ 2 !!!		1
Role	Name Kaith Than O	Department		Dt	% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu		<u> </u>	100	400 550	****
C-128351-05	•	Coatings for Extreme Environments	No	\$78,214	\$20,336	\$98,550	\$98,550
10/1/23 to 3/31/24		Center at Lewis Field through HX5, LLC					1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu		<u> </u>	100		
C-128351-06	•	Coatings for Extreme Environments	No	\$78,994	\$20,538	\$99,532	\$99,532
4/1/24 to 9/30/24	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	ıring Engineerin	g, Departm	100		
C-128352-04	Nondestructive Evaluation for	r Aerospace Materials & Structures	No	\$139,596	\$36,295	\$175,891	\$175,891
4/1/24 to 3/31/25	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	ıring Engineerin	g, Departm	100		
C-128353-05	Advanced Microscopy and Mi	crostructural Analysis	No	\$232,106	\$60,348	\$292,454	\$292,454
4/1/24 to 3/31/25	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC		·	·	·	ŕ
Role	Name	Department			% Credit		1
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	ıring Engineerin	g, Departm	100		
C-128354-05	Analysis and Testing of Advar		No	\$162,174	\$42,165	\$204,339	\$204,339
4/1/24 to 3/31/25		Center at Lewis Field through HX5, LLC		,	, ,	, ,,,,,,	, , , , , , , , , , ,
Role	Name	Department			% Credit		1
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	ırina Enaineerin	g. Departm	100		
C-128423-04	Business Waste Reduction As		No	\$81,818	\$8,182	\$90,000	\$90,000
1/1/24 to 12/31/24	Lucas County Solid Waste Divis	•		, ,	, , , , , , _	, , , , , ,	7.2,300
Role	Name	Department			% Credit		
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufactu	ırina Enginoorin	a Donartm	100		1

Dept Award

10/7/2024 12:48:24PM Page 25 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wit	h new funds, i.e. not reported in a p	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Mechanical, Indust	rial, and Manufacturing Engineer	ing, Department of		_			
C-128719-03 7/1/23 to 6/30/24	Choose Ohio for Data, Environ Sustainability (COD3ES) Ohio Department of Higher Educ	ment, Energy, Entrepreneurialism and	No	\$229,320	\$0	\$229,320	\$229,320
Role PI/PD	<u>Name</u> Franchetti, Matthew J.	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineerir	ng, Departm	<u>% Credit</u> 100		
C-129686-02 7/1/23 to 6/30/24	Choose Ohio First - Academic Networking, and Training (COF Ohio Department of Higher Educ		t, No	\$127,680	\$0	\$127,680	\$127,680
Role PI/PD	<u>Name</u> Berhan, Lesley	<u>Department</u> Mechanical, Industrial, and Manufacturi		<u> </u>	<u>% Credit</u> 100		
C-130264-01-I01 3/15/24 to 4/30/25	Applications (OFRN round 6)	aser Powder Bed Fusion for Hypersonic ation through ARCTOS Technology Solution		\$15,757	\$8,193	\$23,950	\$23,950
Role PI/PD	Name Qattawi, Ala Abdel Latef	<u>Department</u> Mechanical, Industrial, and Manufacturi		ng, Departm	<u>% Credit</u> 100		
C-130264-01-l02 6/28/24 to 4/30/25	Applications (OFRN round 6)	aser Powder Bed Fusion for Hypersonic ation through ARCTOS Technology Solution		\$20,461	\$10,639	\$31,100	\$31,100
Role PI/PD	<u>Name</u> Qattawi, Ala Abdel Latef	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineerir	ng, Departm	<u>% Credit</u> 100		
C-130268-01-I01 5/22/24 to 8/14/26	Manufactured Nickel Aluminun	fetime Prediction of Wire Arc Additive n Bronze through ntigue Testing: An In-situ Corrosion	No	\$29,900	\$15,100	\$45,000	\$45,000
Role PI/PD	<u>Name</u> Haghshenas, Meysam	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineerir	ng, Departm	<u>% Credit</u> 100		
N-129876-01 8/1/23 to 7/31/25		ng from Anecdotal to Data-Driven titutional Change at the University of	No	\$163,729	\$82,683	\$246,412	\$98,565
Role PI/PD Co-I Co-I Co-I	Name Gupta, Anju R. Barnes, Sharon L. Das, Dilip A. Lutman, Danielle Marie	Department Mechanical, Industrial, and Manufacturi Women's & Gender Studies, Departme Diversity & Inclusion Catharine S. Eberly Center for Women		ng, Departm	% Credit 40 20 20 20 20		

Dept Award

10/7/2024 12:48:24PM Page 26 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new tunds, i.e. not reported in a p	revious liscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Mechanical, Industi	rial, and Manufacturing Engineer	ing, Department of					
N-129950-01 8/1/23 to 7/31/25	ERI: Additive Manufacturing of National Science Foundation	Iron based Shape Memory Alloy	No	\$132,883	\$67,106	\$199,989	\$199,989
Role PI/PD	<u>Name</u> Qattawi, Ala Abdel Latef	<u>Department</u> Mechanical, Industrial, and Manufactu	rina Engineeri	ng Departm	<u>% Credit</u> 100		
N-130225-01	EFFUSION COOLING FOR HYP		No	\$2,306,236	\$693,766	\$3,000,002	\$1,650,001
7/31/24 to 1/30/27	Office of Naval Research			+ =,000,=00	4000, 100	+ 0,000,00=	v 1,000,00
Role PI/PD Co-PI Co-I Co-I	<u>Name</u> Huebner, Steven Roy Mason, Mark R. Cioc, Sorin Gupta, Anju R.	<u>Department</u> Mechanical, Industrial, and Manufacture Chemistry and Biochemistry, Department Mechanical, Industrial, and Manufacture Mechanical, Industrial, and Manufacture	ent of ring Engineeri	ng, Departm	<u>% Credit</u> 40 45 5 10		
N-130226-01		to Enhance the Hydrogen Economy	No	\$2,551,413	\$448,587	\$3,000,000	\$750,000
4/1/24 to 8/31/26	U.S. Department of Energy	, ,		. , ,	. ,	. , ,	. ,
Role PI/PD Co-I Co-I	<u>Name</u> Mason, Mark R. Berhan, Lesley Shetty, Sujata	Department Chemistry and Biochemistry, Department Mechanical, Industrial, and Manufactur Geography and Planning, Department	ring Engineeri	ng, Departm	<u>% Credit</u> 50 25 25		
N-130259-01	<u> </u>	onics Certificate Program (Cohort 3)	No	\$284,238	\$29,262	\$313,500	\$235,12
8/1/23 to 5/31/25	Dana Corporation			¥== -,===	,	,	, ,
Role PI/PD Co-PI Co-I Co-I	<u>Name</u> Elahinia, Mohammad Hefzy, Mohamed Samir Choueiri, George Relue, Patricia Ann	<u>Department</u> Mechanical, Industrial, and Manufacture Mechanical, Industrial, and Manufacture Mechanical, Industrial, and Manufacture Bioengineering, Department of	ring Engineeri	ng, Departm	<u>% Credit</u> 25 25 25 25 25		
N-130264-01		aser Powder Bed Fusion for Hypersonic	c No	\$15,757	\$8,193	\$23,950	\$23,950
11/29/23 to 4/30/25	, -	ation through ARCTOS Technology Solution	ons, LLC		04.0		
Role PI/PD	<u>Name</u> Qattawi, Ala Abdel Latef	<u>Department</u> Mechanical, Industrial, and Manufactu	rina Engineeri	ng Denartm	<u>% Credit</u> 100		
N-130268-01 8/15/23 to 8/14/26	Early Damage Evolution and Li Manufactured Nickel Aluminum	fetime Prediction of Wire Arc Additive	No	\$53,156	\$26,844	\$80,000	\$80,000
Role PI/PD	<u>Name</u> Haghshenas, Meysam	<u>Department</u> Mechanical, Industrial, and Manufactu	ring Engineeri	ng, Departm	<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 27 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	n new funds, i.e. not reported in a pi	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
echanical, Industr	ial, and Manufacturing Engineeri	ng, Department of					
N-130385-01	manufacturing	aterial heat sink/storage by additive	No	\$45,000	\$5,000	\$50,000	\$50,00
9/15/23 to 2/28/25	National Science Foundation						1
Role PI/PD	<u>Name</u> Elahinia, Mohammad	<u>Department</u> Mechanical, Industrial, and Manufactur	ing Engineeri	ng, Departm	<u>% Credit</u> 100		
N-130510-01	Super RAPIDS		No	\$1,029,605	\$0	\$1,029,605	\$133,84
2/28/24 to 6/30/25	Ohio Department of Higher Educa	tion					
Role PI/PD Co-PI Co-PI Co-I Co-I Co-I	Name Relue, Patricia Ann Cameron, Brent D. Elahinia, Mohammad Lawrence, Joseph G. Evans, William T. Javaid, Ahmad Y. Sun, Weiging	Department Bioengineering, Department of Bioengineering, Department of Mechanical, Industrial, and Manufacturi Chemical Engineering, Department of Engineering Technology, Department of Electrical Engineering and Computer S Engineering Technology, Department o	f cience, Depa		 % Credit 22 13 13 13 13 13 13 13 13 		
N-600184-01	Development of flow sensor tec	0, 1	No	\$45,000	\$5,000	\$50,000	\$50,00
5/15/24 to 4/30/25	National Science Foundation	,			. ,	,	. ,
Role PI/PD	<u>Name</u> Jayatissa, Ahalapitiya H.	<u>Department</u> Mechanical, Industrial, and Manufactur	ing Engineeri	ng, Departm	% Credit 100		
N-600328-01 3/29/24 to 3/28/26	Rotating bending fatigue (RBF) surface treatment process (Wor Hyphen Innovations LLC	testing for decision making of a novel	No	\$9,242	\$2,773	\$12,015	\$12,01
Role PI/PD	Name Haghshenas, Meysam	<u>Department</u> Mechanical, Industrial, and Manufactur	ing Engineeri	ng, Departm	<u>% Credit</u> 100		
N-600352-01 4/1/24 to 8/31/24	and Mechanical Engineering Te	ols in the Mechanical Engineering (ME chnology (MET) Curricula University of Illinois at Urbana-Champaign) No	\$5,000	\$0	\$5,000	\$3,75
Role PI/PD Co-PI Co-PI Co-PI	Name Cioc, Sorin Amili, Omid Cioc, Carmen Gupta, Anju R.	Department Mechanical, Industrial, and Manufacturi Mechanical, Industrial, and Manufacturi Engineering Technology, Department o Mechanical, Industrial, and Manufacturi	ing Engineeri f	ng, Departm	<u>% Credit</u> 55 10 25 10		
S-129950-01-S1 5/8/24 to 7/31/25	ERI: Additive Manufacturing of I National Science Foundation		No	\$15,941	\$5,949	\$21,890	\$21,8
Role PI/PD	<u>Name</u> Qattawi, Ala Abdel Latef	<u>Department</u> Mechanical, Industrial, and Manufactur	ing Engineeri	ng, Departm	<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 28 of 81

Engineering, College of	neering, Colle	ege of
-------------------------	----------------	--------

Department of Exercise Rehab Sciences

This report does not		FY24. This report shows only new and					Dant Award
on-going projects with	n new funds, i.e. not reported in a pr	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Mechanical, Industr	ial, and Manufacturing Engineeri	ng, Department of					
S-130034-01-W1	Influence of HAZ Cracking in Ale	uminum Resistance Spot Welds	No	\$3,947	\$2,053	\$6,000	\$6,000
2/16/24 to 3/31/25	Novelis Inc						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Zhang, Hongyan	Mechanical, Industrial, and Manufactur	ing Engineeri	ng, Departm	100		
		Sum of Department (Mechanical, Indus	strial, and Ma	anufactu Awa	ard Count: 29.88		\$5,468,676
Polymer Institute							
N-130170-01	Additive Manufacturing of Beryl	llium for Defense	No	\$328,408	\$171,592	\$500,000	\$500,000
1/11/24 to 8/30/25	Air Force Research Laboratory thi	rough Materion Brush Inc.					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lawrence, Joseph G.	Polymer Institute			100		
		Sum of Departme	nt (Polymer I	nstitute) Awa	ard Count: 1.00		\$500,000
		Sum of College (Eng	gineering, Co	ollege of) Awa	ard Count: 80.60		\$11,691,776
		_ , ,					
llaaltk Olluma	on Complete College of						
	an Services, College of	5704 511					
•		FY24. This report shows only new and					Dept Award
on-going projects with	n new funds, i.e. not reported in a pr	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
	alth and Human Services			* * * * * * * * * * * * * * * * * * *		********	* * * * * * * * * *
N-130477-01	Great Minds Fellowship Program		No	\$1,063,360	\$0	\$1,063,360	\$1,063,360
7/1/23 to 6/30/24	Ohio Department of Higher Educa				0/ 0 III		7
Role	Name	Department			% Credit		
PI/PD	Merrick, Mark Anthony	Administration, Health and Human Ser		***	100	* 050.000	
N-130588-01	Ohio Behavioral Health Workfor	•	No	\$850,000	\$0	\$850,000	\$850,000
2/28/24 to 3/30/25	, , , , , , , , , , , , , , , , , , , ,	tion through Bowling Green State Univers	ity		0/ 0 == =1:+		
Role PI/PD	<u>Name</u> Merrick, Mark Anthony	<u>Department</u> Administration, Health and Human Ser	vices		<u>% Credit</u> 100		
F1/FD	IVICITION, IVIAIN AITHIOTIY	Auministration, mealth and muman ser	VICES		100		

10/7/2024 12:48:24PM Page 29 of 81

Sum of Department (Administration, Health and Human Ser Award Count: 2.00

\$1,913,360

Health & Human Services, College of

This report does not show all projects that were active in FY24. This report shows only new and				
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total A

•	show all projects that were active in Fith new funds, i.e. not reported in a pre	FY24. This report shows only new and evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Department of Exe	rcise Rehab Sciences						
C-129274-02		Patients with Patellofemoral Pain tation Incorporating Power Exercises	No	\$36,950	\$18,660	\$55,610	\$27,805
7/1/23 to 6/30/24	U.S. Department of Defense throug	h University of Connecticut					
Role PI/PD Co-I	<u>Name</u> Bazett-Jones, David Matthew Toland, Michael	<u>Department</u> Department of Exercise Rehab Sciences Dean-Education			<u>% Credit</u> 50 50		
N-130152-01	Respiratory Care Students	Valve Mask Performance in Stressed	No	\$2,325	\$0	\$2,325	\$2,325
5/1/23 to 4/30/25	Commission on Accreditation for Re	· · · · · · · · · · · · · · · · · · ·					7
Role PI/PD Co-I Co-I	<u>Name</u> McKenzie, Nicole Lynn Alyousif, Zakaria Abdullah Turley, Christa	Department of Exercise Rehab Sciences Department of Exercise Rehab Sciences Department of Exercise Rehab Sciences			<u>% Credit</u> 40 20 40		
N-130590-01 9/1/23 to 8/31/24	Psychometric Properties of the N Neurologica Conditions Ohio Physical Therapy Association	liniBESTest in Individuals with Acute	No	\$1,596	\$0	\$1,596	\$1,596
Role PI/PD	<u>Name</u> Smith, Tori	<u>Department</u> Department of Exercise Rehab Sciences			<u>% Credit</u> 75		
Co-I	Murray, Amanda Megan	Department of Exercise Rehab Sciences			25		
-		sum of Department (Department of Exerci	se Rehab	Science Awa	ard Count: 2.50		\$31,726
Department of Pop	ulation Health						
C-101313-18	NIOSH Training Grant Project: Inc	dustrial Hygiene-University of Toledo	No	\$84,966	\$1,997	\$86,963	\$86,963
7/1/23 to 6/30/24	National Institute for Occupational S	Safety and Health					
Role PI/PD	<u>Name</u> Ames, April L.	<u>Department</u> Department of Population Health			<u>% Credit</u> 100		

C-101313-18	NIOSH Training Grant Pro	ject: Industrial Hygiene-University of Toledo	No	\$84,966	\$1,997	\$86,963	\$86,963
7/1/23 to 6/30/24	National Institute for Occup	ational Safety and Health					
Role	<u>Name</u>	<u>Department</u>			% Credit		I
PI/PD	Ames, April L.	Department of Population Health			100		1
C-124040-08	Health Promotion Coach	Agreement	No	\$81,801	\$8,180	\$89,981	\$89,981
6/1/24 to 5/31/25	Board of County (Lucas) Co	ommissioners					
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Dake, Joseph	Department of Population Health			100		1

10/7/2024 12:48:24PM Page 30 of 81

Health & Human Services, College of

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Indirect Cost **Total Award Direct Cost Department of Population Health** C-128565-03 Distance Education and Training on Emerging Contaminants and No \$27.962 \$2.237 \$30.199 \$30.199

C-120505-03	Technologies (DETECT)	on Emerging Contaminants and	NO	\$21,96Z	\$Z,Z3 <i>1</i>	\$30,199	\$30,199
9/1/23 to 8/31/24	National Institute of Environmental	Health Sciences through Purdue University					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ames, April L.	Department of Population Health			60		
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		<u> </u>
N-130192-01		thy? Mapping Emotions and Beliefs	No	\$30,000	\$0	\$30,000	\$30,000
	• •	ermath of the Covid-19 Crisis and 2020					
	Protests						
7/1/23 to 6/30/25	Russell Sage Foundation						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Czaja, Erica	Department of Population Health			100		
N-130249-01	Understanding how workplace de	esign can impact the health and	No	\$5,837	\$0	\$5,837	\$5,837
	wellbeing of breastfeeding mother	ers working in low-wage food industry					
	jobs: A photovoice study						
7/1/23 to 6/30/24	National Institute for Occupational S	Safety and Health through University of Cincin	nati				_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Steiner, Victoria	Department of Population Health			100		
N-130357-01	Understanding and Responding t	to the Early Care and Learning Needs of	No	\$688,464	\$68,847	\$757,311	\$181,755
	Young Children and Families in C	Ohio Experiencing Homelessness					
9/1/23 to 6/30/24	Ohio Department of Education						
Role	<u>Name</u>	<u>Department</u>			% Credit]
PI/PD	Delaney, Katherine Kresin	Teacher Education			24		
Co-I	Cleary, Heather Murphy Sloan	Department of Population Health			24		
Co-I	Fox, Christine	Teacher Education			24		
Co-I	Hapgood, Susanna	Curriculum and Instruction, Department of			24		
Co-I	Toland, Michael	Dean-Education			4		
Stdnt Schol	3 /						
Stdnt Schol	•						
Stdnt Schol	Santos, Danielle M.						

Sum of Department (**Department of Population Health**) Award Count: **5.24** \$424,735

Occupational Therapy Program

Virani, Archna Kaushikbhai

Stdnt Schol

10/7/2024 12:48:24PM Page 31 of 81

Health & Human Services, College of

		FY24. This report shows only new and					Dept Award
on-going projects with	h new funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Occupational Thera	apy Program						
C-127788-05	Project Prepare		No	\$117,662	\$5,301	\$122,963	\$61,482
10/1/23 to 12/31/24	U.S. Department of Education						_
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Dinnebeil, Laurie A.	Teacher Education			50		
Co-I	Metz, Alexia E.	Occupational Therapy Program			50		
		Sum of Department (Occupation	al Therapy P	rogram) Aw	ard Count: 0.50		\$61,482
School of Social Ju	stice						
C-109685-12	Child Welfare Workforce Profes	sional Education Program	No	\$275,000	\$27,500	\$302,500	\$302,500
7/1/23 to 6/30/24	Administration for Children and Fa Services	amilies through Ohio Department of Jobs a	nd Family				
Role	Name	Department			% Credit		
PI/PD	Prior, Michael	School of Social Justice			100		
C-129299-03	HUB Replication Evaluation		No	\$13,043	\$1,957	\$15,000	\$15,000
1/1/24 to 12/31/24	Ohio Commission on Minority Hea	alth through Hospital Council of Northwest	Ohio				_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Williamson, Celia	School of Social Justice			100		
C-129366-02	Self-Care for Community Health	Norkers and Neighborhood Navigator	s No	\$208,976	\$31,346	\$240,322	\$240,322
7/1/23 to 6/30/24	Centers for Disease Control and I	Prevention through Ohio Department of He	alth				_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Williamson, Celia	School of Social Justice			100		
Co-I	Guardiola, Louis			4000 000	407.010	4070.000	
N-130065-01	Identifying Victims of Human Tr	rafficking	No	\$237,598	\$35,640	\$273,238	\$273,238
7/1/23 to 8/30/24	Ohio Attorney General						7
Role	Name	Department			% Credit		
PI/PD	Williamson, Celia	School of Social Justice	NI -	£44.004	100	\$45,000	*45.000
N-600278-01	•	ting Disparities in Perinatal Health	No	\$41,021	\$4,062	\$45,083	\$45,083
5/1/24 to 3/31/25		ministration through Lucas County Regiona	i Health Distr	TCT	0/ 0 111		
Role PI/PD	Name Williamson Colin	<u>Department</u> School of Social Justice			<u>% Credit</u> 100		
ואן	Williamson, Celia						
		Sum of Department (Scho			ard Count: 5.00		\$876,143
		Sum of College (Health & Human	Services, Co	llege of) Aw	ard Count: 15.24		\$3,307,445

10/7/2024 12:48:24PM Page 32 of 81

Internal Auditing

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

•	ith new funds, i.e. not reported in a pre	•	·	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Risk Management							
N-600385-01	Partners in Prevention Programm	ning	No	\$10,000	\$0	\$10,000	\$6,000
6/4/24 to 5/1/25	Ohio Department of Higher Education	on					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Kupresanin, Brittany Seigneur	Risk Management			60		
Co-PI	Zernechel, Alex	Leadership UT			40		
			Sum of Department (Risk Manage	ement) Awa	ard Count: 0.60		\$6,000
			Sum of College (Internal Au	diting) Awa	ard Count: 0.60		\$6,000

Law, College of

•	snow all projects that were active n new funds, i.e. not reported in a	in FY24. This report shows only new and previous fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
.aw, College of							
C-129205-03	The University of Toledo Low	Income Taxpayer Clinic	No	\$10,000	\$0	\$10,000	\$10,000
1/1/24 to 12/31/24	U.S. Department of the Treasury	,					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bourell, Christopher L.	Law, College of			100		
C-129205-03-l01	The University of Toledo Low	Income Taxpayer Clinic	No	\$143,846	\$46,154	\$190,000	\$190,00
1/1/24 to 12/31/24	U.S. Department of the Treasury	,					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bourell, Christopher L.	Law, College of			100		
N-130427-01	Institute of America Constituti	onal Thought and Leadership	No	\$909,091	\$90,909	\$1,000,000	\$1,000,00
7/1/23 to 6/30/25	Ohio Department of Higher Educ	cation					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Strang, Lee J.	Law, College of			100		
N-130671-01	Launch into Law		No	\$52,770	\$0	\$52,770	\$52,770
10/1/23 to 12/31/24	Ohio State Bar Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chuhy, Amber Lynn	Law, College of			100		
		Sum of Depart	ment (Law, Co	llege of) Awa	ard Count: 4.00		\$1,252,770

Sum of College (Law, College of) Award Count: 4.00

\$1,252,770

10/7/2024 12:48:24PM Page 33 of 81

M	ed	ical	Sei	rvice	es
---	----	------	-----	-------	----

	t show all projects that were active in the new funds, i.e. not reported in a p		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medical Services 5	<u> </u>						
C-127707-04 8/1/23 to 7/31/24			d No	\$40,000	\$3,200	\$43,200	\$2,160
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Yildirim-Ayan, Eda D. Ayan, Halim Cioc, Sorin Pappada, Scott Michael Rapino, Norman Relue, Patricia Ann	Department Bioengineering, Department of Bioengineering, Department of Mechanical, Industrial, and Manufacturi Medical Services 5 Research & Sponsored Programs Bioengineering, Department of	ing Engineeri	ng, Departm	<u>% Credit</u> 65 10 5 5 10		
		Sum of Department	(Medical Se	rvices 5) Awa	ard Count: 0.05		\$2,160
		Sum of Colleg	ge (Medical S	Services) Awa	ard Count: 0.05		\$2,160
This report does not	Life Sciences, College of the shown all projects that were active in the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds, i.e. not reported in a part of the new funds.	n FY24. This report shows only new and	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award
This report does not on-going projects wit AHEC	t show all projects that were active in the new funds, i.e. not reported in a p	n FY24. This report shows only new and previous fiscal year.	Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award \$1,481,932	Credit
This report does not on-going projects wit	t show all projects that were active ir	n FY24. This report shows only new and previous fiscal year. Tance and Enhancement	Cash?	<u>Direct Cost</u> \$1,472,947	Indirect Cost \$8,985	Total Award \$1,481,932	Credit
This report does not on-going projects with the control of the c	t show all projects that were active in the new funds, i.e. not reported in a part of Service Mainten	n FY24. This report shows only new and previous fiscal year. Tance and Enhancement					Credit
This report does not on-going projects with the project with t	t show all projects that were active in the new funds, i.e. not reported in a particle. AHEC Point of Service Mainten Health Resources & Services Administration Name Combs, Courtney Kay	n FY24. This report shows only new and previous fiscal year. nance and Enhancement ministration Department AHEC		\$1,472,947	\$8,985 <u>% Credit</u>		\$1,481,932
AHEC C-010336-30 9/1/23 to 8/31/24 Role	t show all projects that were active in the new funds, i.e. not reported in a part of Service Mainten. AHEC Point of Service Mainten. Health Resources & Services Adv. Name Combs, Courtney Kay epartment of Clinical and Translational Scient Catalyzing Linkagesto Equity in	n FY24. This report shows only new and previous fiscal year. nance and Enhancement ministration Department AHEC Sum on the Collaborative of Northern Ohio,	No of Departmen	\$1,472,947	\$8,985 <u>% Credit</u> 100		Dept Award Credit \$1,481,932 \$1,481,932 \$15,232
This report does not on-going projects with the project with the	t show all projects that were active in the new funds, i.e. not reported in a part of Service Mainten Health Resources & Services Advantage Name Combs, Courtney Kay epartment of Clinical and Translational Scient Catalyzing Linkagesto Equity in National Institutes of Health throu	n FY24. This report shows only new and previous fiscal year. nance and Enhancement ministration Department AHEC Sum on the Collaborative of Northern Ohio, in Health (CLE Health)	No No Mo Medical	\$1,472,947 t (AHEC) Awa \$48,978	\$8,985 <u>% Credit</u> 100 ard Count: 1.00	\$1,481,932	\$1,481,932 \$1,481,932

10/7/2024 12:48:24PM Page 34 of 81

Medicine and Life Sciences, College of

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a pr	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Cell & Cancer Biolo	gy, Department of						
C-128276-04 7/5/23 to 12/31/25	Metastatin Analogs for the Treat State University of New York Down		No	\$163,542	\$11,031	\$174,573	\$87,287
Role PI/PD Co-I	<u>Name</u> Erhardt, Paul W. Liu, Shi-He	Department Medicinal and Biological Chemistry, Dep Cell & Cancer Biology, Department of	partment of		<u>% Credit</u> 50 50		
C-128364-06 1/1/24 to 12/31/24	Influence of bone microenvironr cancer bone metastasis National Cancer Institute	nent on drug resistance in prostate	No	\$217,313	\$118,436	\$335,749	\$335,749
Role PI/PD	<u>Name</u> Li, Xiaohong	<u>Department</u> Cell & Cancer Biology, Department of			<u>% Credit</u> 100		
C-128395-02 8/1/23 to 7/31/24	Targeting elF4A1 in drug-resista National Cancer Institute	nt breast cancer stem-like cells	No	\$263,387	\$137,164	\$400,551	\$364,501 -
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Raman, Dayanidhi Hamouda, Danae M. Khuder, Sadik Stanoszek, Lauren Michele Zhang, Jian-Ting	Department Cell & Cancer Biology, Department of Medicine, Department of Medicine, Department of Medicine, Department of Cell & Cancer Biology, Department of			% Credit89332		
C-129026-03 7/1/23 to 6/30/24	A transcription-independent role suppression of AMPK National Cancer Institute	of HSF1 in tumorigenesis via	No	\$149,965	\$11,997	\$161,962	\$161,962
Role PI/PD	<u>Name</u> Su, Kuo-Hui	<u>Department</u> Cell & Cancer Biology, Department of			<u>% Credit</u> 100		
N-129557-01-A1 9/21/23 to 8/31/24	Engineering Exosome for Pancro National Cancer Institute	eatic Cancer Targeting Therapies	No	\$322,355	\$175,683	\$498,038	\$473,136
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Liu, Shi-He Lapitsky, Yakov Liu, JingYuan Stanoszek, Lauren Michele Zhang, Jian-Ting	Department Cell & Cancer Biology, Department of Chemical Engineering, Department of Medicine, Department of Pathology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 95 5		
N-129583-01-A1 7/8/23 to 6/30/24	Targeting FASN to eliminate met National Cancer Institute	astatic breast cancer in the brain	No	\$116,875	\$63,697	\$180,572	\$162,515
Role PI/PD Co-I Co-I	<u>Name</u> Zhang, Jian-Ting Liu, JingYuan Tang, Yuan	<u>Department</u> Cell & Cancer Biology, Department of Medicine, Department of Bioengineering, Department of			<u>% Credit</u> 90 5 5		

Dept Award

10/7/2024 12:48:24PM Page 35 of 81

Medicine and Life Sciences, College of

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Cell & Cancer Biolo	gy, Department of						
N-129797-01 8/2/23 to 6/30/24	Catalyzing Linkagesto Equity i	nce Collaborative of Northern Ohio, n Health (CLE Health) ugh Case Western Reserve University/Cas	No e Medical	\$48,978	\$27,183	\$76,161	\$22,848
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Zhang, Jian-Ting Dworkin, Lance Pappada, Scott Michael Shah, Zahoor	Department Cell & Cancer Biology, Department of Medicine, Department of Anesthesiology, Department of Medicinal and Biological Chemistry, De	epartment of		<u>% Credit</u> 30 30 20 20		
N-130213-01 7/1/23 to 6/30/24	Engineering Exosome for Pand Ohio Cancer Research Associate		No	\$45,455	\$4,545	\$50,000	\$50,000
Role PI/PD Co-I	<u>Name</u> Liu, Shi-He Zhang, Jian-Ting	<u>Department</u> Cell & Cancer Biology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 100		
N-130282-01	. •	egraders for lethal prostate cancer	No	\$99,961	\$54,478	\$154,439	\$154,439
1/1/24 to 12/31/25	U.S. Army Medical Research and				0/ 0 11		1
Role PI/PD Co-I Co-I	<u>Name</u> Li, Xiaohong Cui, Qingbin Su, Shang	Department Cell & Cancer Biology, Department of Cell & Cancer Biology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 50 20 30		
N-130283-01 4/1/24 to 3/31/26	Dabber: D-Type Peptide Grabb Transcription Factors in Letha U.S. Department of Defense	er for Degradation of Undruggable	No	\$99,943	\$54,469	\$154,412	\$154,412
Role PI/PD Co-I	Name Su, Shang Liu, JingYuan	Department Cell & Cancer Biology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 95 5		
N-130342-01 2/15/24 to 2/14/27	Dormancy mimicking to inhibit recurrence U.S. Department of Defense	t prostate cancer metastasis and	No	\$900,000	\$402,690	\$1,302,690	\$1,302,690
Role PI/PD	<u>Name</u> Li, Xiaohong	<u>Department</u> Cell & Cancer Biology, Department of			<u>% Credit</u> 100		
N-600410-01 4/9/24 to 3/31/25	vulnerability	duced cancer evolution and cancer Massachusetts General Hospital	No	\$2,647	\$1,469	\$4,116	\$4,116 _
Role PI/PD	<u>Name</u> Saladi, Srinivas V.	<u>Department</u> Cell & Cancer Biology, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 36 of 81

This report does not	Life Sciences, College of the show all projects that were active in the new funds, i.e. not reported in a p	FY24. This report shows only new and					Dept Award
on going projects with	arriew rands, i.e. not reported in a p	Tovious fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Cell & Cancer Biolo	ogy, Department of						
R-129681-02	RKIP and Metabolic Disease		No	\$90,909	\$9,091	\$100,000	\$100,000
10/31/23 to 10/30/2	24 Battersea & Bowery Advisory Gro	pup					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Yeung, Kam C.	Cell & Cancer Biology, Department of			100		
		Sum of Department (Cell & Cancer Biolo	ogy, Depart	ment of) Awa	ard Count: 11.56		\$3,373,655
Division of Student	t Affairs						
C-110170-17	Upward Bound Program		No	\$464,862	\$37,189	\$502,051	\$502,051
9/1/23 to 8/31/24	U.S. Department of Education						_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Rogers, Pamela N.	Division of Student Affairs			100		
		Sum of Department (Divisior	of Student	Affairs) Awa	ard Count: 1.00		\$502,051
Family Medicine, D	epartment of						
N-130302-01	UToledo COMLS Regional Qual	ity Improvement Hub (Federal)	No	\$370,257	\$37,026	\$407,283	\$203,642
7/1/23 to 6/30/24	Centers for Medicare and Medica	id Services through Ohio State University					
Role	Name	Department			% Credit		
PI/PD	Dworkin, Lance	Medicine, Department of			50		
Co-PI	Speer, Linda Marie	Family Medicine, Department of			50		
N-130405-01	UToledo COMLS Regional Qual	ity Improvement Hub (State)	No	\$141,228	\$14,123	\$155,351	\$77,676
7/1/23 to 6/30/24	Ohio Department of Medicaid thro	ough Ohio State University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dworkin, Lance	Medicine, Department of			50		
10 1	0 1: 1 84 :	E " M " " B ' ((

\$281,317 Sum of Department (Family Medicine, Department of) Award Count: 1.00

50

Med Microbiology & Immunology, Department of

Co-I

Speer, Linda Marie

	<u> </u>						
C-127936-05	Understanding the proviral re	ole for TRAF6 interaction with the viral	No	\$250,000	\$136,250	\$386,250	\$386,250
	protease in flavivirus replicat	tion and pathogenesis					
5/1/24 to 4/30/25	National Institute of Allergy & Ir	nfectious Diseases					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Taylor, Roger Travis	Med Microbiology & Immunology Department	of		100		

Family Medicine, Department of

10/7/2024 12:48:24PM Page 37 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wit	h new funds, i.e. not reported in a p	previous fiscal year.	Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
Med Microbiology &	& Immunology, Department of						
C-128815-04	Campus Wastewater Monitorin	g of University of Toledo Campus	No	\$303,914	\$75,979	\$379,893	
7/1/23 to 6/30/24	Centers for Disease Control and	Prevention through Ohio Department of	Health				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Depart			80		
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, De					
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, I			20		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, De		***	40	A00 550	
C-129262-02	•	se against respiratory viral infection	No	\$32,553	\$0	\$32,553	\$32,553
1/1/24 to 12/31/24	American Heart Association - Na						1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Worth, Randall G.	Med Microbiology & Immunology, De	<u> </u>		100]
C-129373-02		d determinants of K. pneumoniae	No	\$70,000	\$7,000	\$77,000	\$77,000
4/4/04/- 0/04/05	bloodstream dissemination	# I					
4/1/24 to 3/31/25	American Heart Association - Na				2/ 2 !!!		1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Mike, Laura A.	Med Microbiology & Immunology, De	•	****	100	****]
N-129820-01	Structure and function of Born	• •	No	\$167,165	\$81,569	\$248,734	\$248,734
8/17/23 to 7/31/24	National Institute of Allergy & Infe	ectious Diseases					1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ogino, Tomoaki	Med Microbiology & Immunology, De	epartment of		100		
N-129891-01	Factor H Fc fusions as novel the	nerapeutics for Burkholderia	No	\$97,089	\$52,914	\$150,003	\$150,003
	pseudomallei infections						
8/10/23 to 7/31/24		ectious Diseases through Planet Biotech	nology				
D .	Incorporated				0/ 0 111		1
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, De		4070 000	100	****]
N-129893-01	•	iosynthesis and attachment (MIRA)	No	\$250,000	\$136,250	\$386,250	\$386,250
9/1/23 to 7/31/24	National Institute of General Med						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Mike, Laura A.	Med Microbiology & Immunology, De	•		100		
N-130231-01	Health Sciences Bioresearch L	· · · · · · · · · · · · · · · · · · ·	No	\$6,831,000	\$0	\$6,831,000	
8/1/23 to 7/31/27	National Institute of Standards ar	nd Technology					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, De					
PI/PD	Root, Lisa Jane	Department of Lab Animal Resource			100		
Co-PI	Wooten, Ronald Mark	Med Microbiology & Immunology, De	epartment of				

Dept Award

10/7/2024 12:48:24PM Page 38 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with new funds, i.e. not reported in a previous fiscal year.		previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Med Microbiology 8	& Immunology, Department of						
N-130397-01 1/1/24 to 12/31/24	Mechanism of Klebsiella pneur pathogenesis American Heart Association - Nat	noniae capsule attachment and its role in	No	\$33,694	\$0	\$33,694	\$33,694
					0/ 0		٦
Role PI/PD	<u>Name</u> Mike, Laura A.	<u>Department</u> Med Microbiology & Immunology, Departr	ment of		<u>% Credit</u> 100		
N-600148-01	Diagnostic Test Development for Cyanotoxins in Human and Vet	erinary Applications (HABRI)	No	\$105,679	\$8,454	\$114,133	\$11,413
3/1/24 to 6/30/24	Ohio Department of Higher Educa	ation through Ohio State University					-
Role PI/PD Co-PI	<u>Name</u> Kennedy, David Joseph Haller, Steven T.	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 40 40		
Co-I Co-I	Isailovic, Dragan Stepkowski, Stanislaw M.	Chemistry and Biochemistry, Department Med Microbiology & Immunology, Departr			10 10		
		Sum of Department (Med Microbiology &	Immunol	ogy, Dep Awa	ard Count: 7.10		\$1,325,897
Medicine, Departme	ent of						
C-100043-23	University of Toledo Health Sci C and D	ence Campus Ryan White Program Parts	No	\$462,406	\$46,240	\$508,646	\$508,646
8/1/23 to 7/31/24	Health Resources & Services Add	ministration					
Role	Name	Department			% Credit		
PI/PD	Duggan, Joan	Medicine, Department of			100		
C-100389-23	Ryan White Part C (Title III) HIV Program HIV/AIDS Bureau	Early Intervention Services (EIS)	No	\$117,499	\$11,750	\$129,249	\$129,249
4/1/24 to 3/31/25 Role	Name	Department			% Credit		1
PI/PD	Duggan, Joan	Medicine, Department of			100		
C-100389-23-I01	Program	Early Intervention Services (EIS)	No	\$340,751	\$47,000	\$387,751	\$387,75
4/1/24 to 3/31/25	HIV/AIDS Bureau				0/ 0 !!!		7
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
C-100389-23-l02	Ryan White Part C (Title III) HIV Program	Early Intervention Services (EIS)	No	\$9,461	\$946	\$10,407	\$10,407
8/2/24 to 3/31/25	HIV/AIDS Bureau						
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 39 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a pr	revious fiscal year.	Cash?	Direct Cost	_		<u>Credit</u>
Medicine, Departme	ent of						
C-101303-19	Social Marketing Advertising CT	'R	No	\$11,250	\$0	\$11,250	\$11,250
1/1/24 to 5/31/24	Centers for Disease Control and F	Prevention through Lucas County Regional F	Health Distri	ict			
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Duggan, Joan	Medicine, Department of			100		
PI/PD	Himich, Katie	·					
C-126355-05	Myocardial Ischemia and Transf	usion (MINT)	Yes	\$12,308	\$3,692	\$16,000	\$16,00
6/1/20 to 5/31/29	National Institutes of Health through	gh Rutgers University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gupta, Rajesh	Medicine, Department of			100		
C-127408-05	Sequencing Familial Lung Canc	er	No	\$24,287	\$13,236	\$37,523	\$37,52
1/1/24 to 12/31/24	National Cancer Institute through I	Baylor College of Medicine					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Willey, James	Medicine, Department of			75		
Co-I	Gaba, Colette R.	Medicine, Department of			25		
C-127770-04	A Phase 3, Multicenter, Double-k	olind, Randomized, Placebo-controlled,	Yes	\$12,251	\$3,920	\$16,172	\$16,17
	Parallel-group						
	•	and Safety of in Subjects with Acute					
	Coronary Syndrome						
7/1/22 to 6/30/29	CSL Behring LLC						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Moukarbel, George Victor	Medicine, Department of			100		
Stdnt Schol	<u>'</u>	Medicine, Department of					
C-128395-02	Targeting elF4A1 in drug-resista	int breast cancer stem-like cells	No	\$263,387	\$137,164	\$400,551	\$36,05
8/1/23 to 7/31/24	National Cancer Institute						7
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Raman, Dayanidhi	Cell & Cancer Biology, Department of			89		
Co-I	Hamouda, Danae M.	Medicine, Department of			3		
Co-I	Khuder, Sadik	Medicine, Department of			3		
Co-I Co-I	Stanoszek, Lauren Michele	Medicine, Department of Cell & Cancer Biology, Department of			3 2		
C0-1	Zhang, Jian-Ting	Cell & Caricel Biology, Department of					J

Dept Award

10/7/2024 12:48:24PM Page 40 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wi	ith 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>		Credit				
/ledicine, Departm	ent of						
C-128565-03	Distance Education and Traini Technologies (DETECT)	ng on Emerging Contaminants and	No	\$27,962	\$2,237	\$30,199	
9/1/23 to 8/31/24	National Institute of Environment	al Health Sciences through Purdue University					
Role PI/PD Co-I Co-I	<u>Name</u> Ames, April L. Dwyer, Daryl Haller, Steven T.	<u>Department</u> Department of Population Health Environmental Sciences, Department of Medicine, Department of			% Credit 60		
Co-I Co-I	Kennedy, David Joseph Milz, Sheryl A. Saltzman, Barbara	Medicine, Department of Department of Population Health Department of Population Health			20 20		
C-128826-03	Training in Molecular and Tran	•	No	\$618,000	\$35,082	\$653,082	\$613,89
5/1/24 to 4/30/25	National Institute of General Med						7
Role PI/PD Co-PI Co-PI Co-PI	<u>Name</u> Osman, Mahasin Avidor-Reiss, Tomer Dworkin, Lance Smith, Robert Erne	Department Medicine, Department of Biological Sciences, Department of Medicine, Department of			<u>% Credit</u> 93 5 1		
C-128826-03-I01	<u>, </u>	Neurosciences, Department of	No	¢49.060	¢4 027	¢40.007	¢40.70
	Training in Molecular and Tran	•	NO	\$18,960	\$1,037	\$19,997	\$18,79
5/1/24 to 4/30/25	National Institute of General Med				0/ 0 !!!		1
Role PI/PD Co-PI Co-PI Co-PI	Name Osman, Mahasin Avidor-Reiss, Tomer Dworkin, Lance Smith, Robert Erne	<u>Department</u> Medicine, Department of Biological Sciences, Department of Medicine, Department of Neurosciences, Department of			<u>% Credit</u> 93 5 1 1		
C-129273-02 9/1/23 to 8/31/24	Cancer	Biomarker Approach to Diagnose Lung	No	\$39,019	\$21,656	\$60,675	\$60,67
	National Cancer Institute through	•			0/ C== dit		1
Role PI/PD	<u>Name</u> Willey, James	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
C-129307-03	Role of GSK3beta in diabetic k	idney disease	No	\$211,200	\$115,104	\$326,304	\$326,30
6/1/24 to 5/31/25	National Institute of Diabetes, Di	gestive & Kidney Diseases					
Role PI/PD Co-I	<u>Name</u> Gong, Rujun Dworkin, Lance	Department Medicine, Department of Medicine, Department of			<u>% Credit</u> 95 5		

Dept Award

10/7/2024 12:48:24PM Page 41 of 81

Medicine and Life Sciences, College of

This report does not show all projects that were active in FY24. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.

	show all projects that were active in h new funds, i.e. not reported in a pr	FY24. This report shows only new and evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Madiaina Danaston			<u>OdSII:</u>	<u>Direct Oost</u>	mancer oost	Total Award	<u>Orodit</u>
Medicine, Departmo C-129319-02	A Phase 1a/1b Dose Escalation/B Antagonist, as Monotherapy and	Expansion Study of TTX-080, an HLA-G I in Combination with Pembrolizumab or inced Solid Refractory/Resistant	Yes	\$11,307	\$0	\$11,307	\$11,30
7/1/22 to 6/30/29	Trishula Therapeutics, Inc. through	Labcorp Drug Development Inc.					
Role PI/PD PI/PD	<u>Name</u> Skeel, Roland Vijendra, Divya	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
C-129420-03	STI Prevention: Syphilis	Medionie, Bepartment of	No	\$50,000	\$0	\$50,000	」 \$50,00
2/1/24 to 1/31/25	• •	revention through Lucas County Regional H		•	•	¥,	, , , , ,
Role PI/PD	<u>Name</u> Duggan, Joan	Department Medicine, Department of			<u>% Credit</u> 100		
N-129557-01-A1	Engineering Exosome for Pancre	eatic Cancer Targeting Therapies	No	\$322,355	\$175,683	\$498,038	
9/21/23 to 8/31/24	1/23 to 8/31/24 National Cancer Institute						
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Liu, Shi-He Lapitsky, Yakov Liu, JingYuan Stanoszek, Lauren Michele Zhang, Jian-Ting	Department Cell & Cancer Biology, Department of Chemical Engineering, Department of Medicine, Department of Pathology, Department of Cell & Cancer Biology, Department of			<u>% Credit</u> 95 5		
N-129583-01-A1	Targeting FASN to eliminate met	astatic breast cancer in the brain	No	\$116,875	\$63,697	\$180,572	\$9,02
7/8/23 to 6/30/24	National Cancer Institute						_
Role PI/PD Co-I Co-I	<u>Name</u> Zhang, Jian-Ting Liu, JingYuan Tang, Yuan	<u>Department</u> Cell & Cancer Biology, Department of Medicine, Department of Bioengineering, Department of			<u>% Credit</u> 90 5 5		
N-129587-01 2/2/23 to 6/30/24	MULTICENTER STUDY TO EVAL	ANDOMIZED, PLACEBO-CONTROLLED UATE THE SAFETY, TOLERABILITY, MULTIPLE-ASCENDING DOSES OF SYSTEMIC SCLEROSIS	Yes	\$19,827	\$0	\$19,827	\$19,82
Role PI/PD	<u>Name</u> Kahaleh, M Bashar	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

10/7/2024 12:48:24PM Page 42 of 81

Medicine and Life Sciences, College of

This report does not show all projects that were active in FY24. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.

	ort does not show all projects that were active in FY24. This report shows only new and projects with new funds, i.e. not reported in a previous fiscal year.						Dept Award		
on-going projects wit	in new lunus, i.e. not reported in a	orevious fiscal year.	<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>		
Medicine, Departme									
N-129692-01-W1 5/16/23 to 5/16/29	safety of JDQ443 single-agent locally advanced or metastation	nase II trial evaluating the activity and as first-line treatment for patients with KRAS G12C-mutated non-small cell lung n < 1% or a PD-L1 expression = 1% and	Yes	\$17,700	\$0	\$17,700	\$17,700		
Role	<u>Name</u>	<u>Department</u>			% Credit				
PI/PD	Hamouda, Danae M.	Medicine, Department of			100				
N-129693-01 4/13/22 to 4/13/29	hospital, post-discharge care	ti-center, open-label trial comparing a pathway involving aggressive LDL-C lisiran with usual care coronary syndrome	Yes	\$5,055	\$0	\$5,055	\$5,055		
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit				
PI/PD N-129797-01	Gupta, Rajesh	Medicine, Department of			100				
8/2/23 to 6/30/24	Catalyzing Linkagesto Equity i	nce Collaborative of Northern Ohio, n Health (CLE Health) ugh Case Western Reserve University/Case	No Medical	\$48,978	\$27,183	\$76,161	\$22,848		
Role	<u>Name</u>	<u>Department</u>			% Credit				
PI/PD	Zhang, Jian-Ting	Cell & Cancer Biology, Department of			30				
Co-I	Dworkin, Lance	Medicine, Department of			30				
Co-I Co-I	Pappada, Scott Michael Shah, Zahoor	Anesthesiology, Department of Medicinal and Biological Chemistry, Dep	artment of		20 20				
N-129928-01	<u>, </u>	ters and Human Health (Project 4)	No	\$138,395	\$76,532	\$214,927	\$214,927		
5/31/24 to 2/28/25		al Health Sciences through University of Mic		4.00,000	Ų: 0,00 <u>–</u>	4 _1., 6 _1	4 2 · · ·, 6 2 ·		
Role	<u>Name</u>	<u>Department</u>			% Credit				
PI/PD	Haller, Steven T.	Medicine, Department of			50				
Co-PI	Kennedy, David Joseph	Medicine, Department of			50				
Co-I	Smith, Robert Erne								
Co-I	Willey, James	Medicine, Department of Medicine, Department of							
Statistician N-129946-01	Khuder, Sadik	ters and Human Health (Administrative	No	\$10,700	\$5,938	\$16,638	\$16,638		
N-123340-01	Core)	ers and numan nearm (Administrative	NO	φ10,700	φυ,930	φ10,030	φ10,030		
5/31/24 to 2/28/25		al Health Sciences through University of Mic	higan						
Role	<u>Name</u>	<u>Department</u>			% Credit				
PI/PD	Kennedy, David Joseph	Medicine, Department of			50				
Co-I	Haller, Steven T.	Medicine, Department of			50		_		

10/7/2024 12:48:24PM Page 43 of 81

Medicine and Life Sciences, College of

This report does not show all projects that were active in FY24. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.

nis report does not show all projects that were active in FY24. This report shows only new and n-going projects with new funds, i.e. not reported in a previous fiscal year.		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award	
			<u>Casii:</u>	Direct Cost	indirect Cost	Total Awaru	Orcait
Medicine, Departme N-129956-01		and antata of amon wealth.	Vac	¢E4 G40	\$0	¢E4 C40	\$E4.64
N-129900-U1		dry and salety of once-weekly d-on to dose-reduced insulin glargine vs icipants with type 2 diabetes and	Yes	\$51,648	\$0	\$51,648	\$51,64
	overweight	ioipanio min typo z alabotoc ana					
_	9 Novo Nordisk Inc.						4
Role	Name	<u>Department</u>			% Credit		
PI/PD	Hejeebu, Srini K.	Medicine, Department of		* 4 00 T	100	AT TOO	
N-129961-01	Engagement Core	raters and Human Health: Community	No	\$4,967	\$2,756	\$7,723	\$7,72
5/31/24 to 2/28/25	National Institute of Environment	tal Health Sciences through University of Mich	nigan				_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kennedy, David Joseph	Medicine, Department of			50 50		
Co-PI N-129977-01	Haller, Steven T.	Medicine, Department of	No	\$14,126	50 \$7,600	\$21,825	_ \$21,82
11/1/23 to 3/31/25	CORAL Samples Project Stanford University		NO	\$14,120	\$7,699	₹21,025	⊅∠ 1,0 /
Role	Name	Department			% Credit		1
PI/PD	Haller, Steven T.	Medicine, Department of			70 Credit 100		
N-130035-01	<u>'</u>	ble-Blind, Placebo-Controlled, Multiple-	Yes	\$16,125	\$0	\$16,125	\$16,12
		uate the Safety, Pharmacokinetics, and		¥15,125	,	¥ 1 0, 1 = 0	¥ . •,
	Pharmacodynamics of ACE-13	34 Plus Standard of Care in Participants					
	with Systemic Sclerosis (Proto						
6/15/23 to 6/30/29		Pharmaceutical Product Development, LLC					-
Role	Name	<u>Department</u>			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of		40.000	100	40.000	_
N-130276-01		le-blind, Placebo-controlled, Event-driven cacy and Safety of Milvexian, an Oral	Yes	\$2,000	\$0	\$2,000	\$2,00
		cent Acute Coronary Syndrome					
1/16/24 to 1/18/29	Janssen Research & Developme						
Role	Name	Department			% Credit		1
PI/PD	Moukarbel, George Victor	Medicine, Department of			100		
N-130284-01	A Phase 3b, multicenter, single	e-arm, open-label study evaluating the	Yes	\$13,125	\$0	\$13,125	\$13,12
	•	of switching to DTG/3TC single tablet					
	regimen administered once da						
		ovir alafenamide single tablet regimen in					
11/16/23 to 6/30/24	people living with HIV of at lea GlaxoSmithKline through Pharm	aceutical Product Development, LLC					
Role	Name	Department			% Credit		1
PI/PD	Duggan, Joan	Medicine, Department of			100		

10/7/2024 12:48:24PM

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	i new lunds, i.e. not reported in a pre	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	ndirect Cost Total Award	
Medicine, Departme	ent of						
N-130286-01	Age remodels kidney-adrenal-he	art interorgan communication	No	\$280,000	\$156,566	\$436,566	\$436,566
5/15/24 to 1/31/25	National Institute on Aging through	Brown University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gong, Rujun	Medicine, Department of			100		
Co-I	Dworkin, Lance	Medicine, Department of		*****	407.000	4.07.000	
N-130302-01	UToledo COMLS Regional Qualit	· · · · · · · · · · · · · · · · · · ·	No	\$370,257	\$37,026	\$407,283	\$203,642
7/1/23 to 6/30/24	Centers for Medicare and Medicaid	Services through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dworkin, Lance	Medicine, Department of			50		
Co-PI	Speer, Linda Marie	Family Medicine, Department of		*****	50		
N-130405-01	UToledo COMLS Regional Qualit	• • •	No	\$141,228	\$14,123	\$155,351	\$77,676
7/1/23 to 6/30/24	Ohio Department of Medicaid throu	igh Ohio State University					1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dworkin, Lance	Medicine, Department of			50		
Co-I	Speer, Linda Marie	Family Medicine, Department of			50	<u> </u>	
N-130630-01	• •	1 Diabetes using immunomodulators	No	\$40,000	\$0	\$40,000	\$40,000
12/1/23 to 11/30/24	National Institute of Diabetes, Dige Research Center	stive & Kidney Diseases through Michigan Dia	abetes				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Imam, Shahnawaz	Medicine, Department of			100		
N-600117-01	Aging as a Primary Risk Factor for	or Increased Susceptibility to	No	\$126,545	\$9,724	\$136,269	\$115,828
	Aerosolized Harmful Algal Bloom	n Toxins and Toxic Microplastics					
	(HABRI)						
3/1/24 to 6/30/24	Ohio Department of Higher Educat						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Haller, Steven T.	Medicine, Department of			75		
Co-PI Co-I	Kennedy, David Joseph Isailovic, Dragan	Medicine, Department of Chemistry and Biochemistry, Department of	:		5 5		
Co-I	Koch, Lauren Gerard	Physiology & Pharmacology, Department of			5 5		
Co-I	Stanoszek, Lauren Michele	Pathology, Department of			5		
100.		Medicine, Department of			5		I

Dept Award

10/7/2024 12:48:24PM Page 45 of 81

This report does not show all projects that were active in FY24. This report shows only new and	
on-going projects with new funds, i.e. not reported in a previous fiscal year.	

	t show all projects that were active i th new funds, i.e. not reported in a p	n FY24. This report shows only new and previous fiscal year.	0	Dina at Cast	la dias et Os et		Dept Award
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Credit
ledicine, Departm							
N-600118-01		creening of Aerosolized Anatoxin-a,	No	\$98,926	\$7,914	\$106,840	\$101,498
	• • •	ins, and Saxitoxins in Vulnerable					
3/1/24 to 6/30/24	Populations Ohio Department of Higher Educ	ation through Ohio State University					
Role	Name	Department			% Credit		1
PI/PD	Haller, Steven T.	Medicine, Department of			<u> 76 Credit</u> 80		
Co-Pl	Kennedy, David Joseph	Medicine, Department of Medicine, Department of			15		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Departmen	nt of		5		
N-600148-01		or Detection and Monitoring of	No	\$105,679	\$8,454	\$114,133	」 \$91,307
1-0001-0-01	Cyanotoxins in Human and Vet		140	ψ100,073	ψ0,-το	Ψ114,100	Ψ31,307
3/1/24 to 6/30/24		ation through Ohio State University					
Role	Name	Department			% Credit		1
PI/PD	Kennedy, David Joseph	Medicine, Department of			40		
Co-PI	Haller, Števen T.	Medicine, Department of			40		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Departmen	nt of		10		
Co-I	Stepkowski, Štanislaw M.	Med Microbiology & Immunology, Depart	tment of		10		
R-127064-06	Cardi-OH		No	\$247,644	\$24,764	\$272,408	\$272,408
7/1/23 to 6/30/24	U.S. Department of Health and H University/Case Medical Center	luman Services through Case Western Rese	erve				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dworkin, Lance	Medicine, Department of			100		
		Sum of Department (Medic	ine, Depart	ment of) Awa	ard Count: 31.92		\$3,991,422
eurology, Departr							
C-128165-04		omized, Placebo-Controlled, Parallel-	Yes	\$73,074	\$0	\$73,074	\$73,074
		fficacy, Safety, and Tolerability of Two					
		Early Parkinson's Disease to be					
		olve patients participating in the Trial					
7/1/23 to 6/30/29	Cerevel Therapeutics, LLC						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
	•						
	A Phase 3, Double-Blind, Rand	omized, Placebo Controlled, Parallel	Yes	\$(67,897)	\$0	\$(67,897)	\$(67,897
	A Phase 3, Double-Blind, Rand Group, Flexible Dose, 27 Week	Trial to Evaluate the Efficacy, Safety, and	l	\$(67,897)	\$0	\$(67,897)	\$(67,897
	A Phase 3, Double-Blind, Rand Group, Flexible Dose, 27 Week Tolerability of Tavapadon as Ad	Trial to Evaluate the Efficacy, Safety, and djunctive Therapy for Parkinson's Disease	l	\$(67,897)	\$0	\$(67,897)	\$(67,897
C-128446-04	A Phase 3, Double-Blind, Rand Group, Flexible Dose, 27 Week Tolerability of Tavapadon as Ad in Levodopa Treated Adults Wi	Trial to Evaluate the Efficacy, Safety, and	l	\$(67,897)	\$0	\$(67,897)	\$(67,897
C-128446-04 7/1/23 to 6/30/29	A Phase 3, Double-Blind, Rand Group, Flexible Dose, 27 Week Tolerability of Tavapadon as Ad in Levodopa Treated Adults Wi Cerevel Therapeutics, LLC	Trial to Evaluate the Efficacy, Safety, and djunctive Therapy for Parkinson's Diseas th Motor Fluctuations (TEMPO 3 Trial)	l	\$(67,897)	,	\$(67,897)	\$(67,897 ¬
C-128446-04	A Phase 3, Double-Blind, Rand Group, Flexible Dose, 27 Week Tolerability of Tavapadon as Ad in Levodopa Treated Adults Wi	Trial to Evaluate the Efficacy, Safety, and djunctive Therapy for Parkinson's Disease	l	\$(67,897)	% Credit 100	\$(67,897)	\$(67,89 7

10/7/2024 12:48:24PM

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects wit	-going projects with new funds, i.e. not reported in a previous fiscal year.			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Neurology, Departr	ment of						
C-128813-03 7/1/23 to 6/30/29	58-Week Open-label Trial of Tav. 4 Trial) Cerevel Therapeutics, LLC	apadon in Parkinson's Disease (TEMPO-	Yes	\$80,188	\$0	\$80,188	\$80,188
Role	Name	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
N-129690-01 11/29/22 to 11/29/2	A Multicenter, Randomized, Dou Group Study to Evaluate the Eff Soticlestat as Adjunctive Therap Dravet Syndrome (DS) 79 Takeda Development Center Ame	ible-Blind, Placebo-Controlled, Parallel icacy, Safety, and Tolerability of py in Pediatric and Adult Subjects With ricas, Inc. through Pharmaceutical Product D	Yes Developme	\$18,812 nt,	\$0	\$18,812	\$18,812
 	LLC						
Role PI/PD	Name	Department			% Credit		
Co-I	Ali, Imran Izzat Mahfooz, Naeem	Neurology, Department of Neurology, Department of			50 50		
N-129991-01 12/22/22 to 12/22/2	Parkinson's Disease Patients W		Yes	\$15,075	\$0	\$15,075	\$15,075
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Subramanian, Thyagarajan	Neurology, Department of			100		
N-130062-01 1/6/23 to 1/6/29		lacebo-controlled Study to Evaluate the on's Disease Cognitive Impairment	Yes	\$46,037	\$0	\$46,037	\$46,037
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
N-130179-01 4/13/23 to 4/13/29			Yes	\$2,000	\$0	\$2,000	\$2,000
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ali, Imran Izzat	Neurology, Department of			50		
Co-I	Riaz, Anum Hamid	Neurology, Department of			25 25		
Co-I	Sheikh, Ajaz Ahmad	Neurology, Department of			25		

Dept Award

10/7/2024 12:48:24PM Page 47 of 81

Role

PI/PD

Co-I

Co-I

Co-I

Name

Hall. Frank

Schiefer, Isaac T.

Smith. Robert Erne

Williams, Frederick E.

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Cash? Direct Cost Indirect Cost **Total Award** Credit Neurology, Department of N-130238-01 A Phase 2, Randomized, Double-Blind, Placebo-Controlled Study to \$0 Yes \$10,058 \$10,058 \$10,058 Evaluate the Efficacy, Safety, Tolerability, Pharmacodynamics, and Pharmacokinetics of BIA 28-6156 in Subjects With Parkinson's Disease With a Pathogenic Variant in the Glucocerebrosidase (GBA1) Gene BIAL R&D Investments S.A. through Worldwide Clinical Trials Inc. 1/10/24 to 1/9/29 Role Name Department % Credit PI/PD Elmer, Lawrence Neurology, Department of 100 \$0 N-130436-01 A Phase 3, Multicenter, Open-Label Safety Study to Evaluate the Long-Yes \$68,052 \$68,052 \$68,052 Term Safety and Tolerability of SAGE-718 in Participants with **Huntington's Disease** Sage Therapeutics through Parexel International Corporation 5/18/23 to 5/18/29 Role % Credit Name Department PI/PD Elmer, Lawrence Neurology, Department of 100 **Evaluation of Mental Rotation Test (MRT) modified for functional MRI** N-600465-01 No \$3.000 \$0 \$3,000 \$3,000 assessment in early onset Parkinson's disease patients. 5/20/24 to 12/31/24 American Academy of Neurology Institute Role % Credit Name Department PI/PD Subramanian, Thyagarajan Neurology, Department of 100 Sum of Department (Neurology, Department of) Award Count: 10.00 \$248,400 **Neurosciences**, Department of Translational assessment of brain bioenergetic function in C-127388-05 No \$89,480 \$48,767 \$138,247 \$138,247 schizophrenia 11/1/23 to 10/31/24 National Institutes of Health through University of Maryland at Baltimore Role Name Department % Credit PI/PD Smith. Robert Erne Neurosciences, Department of 100 C-128712-02 Cross platform analysis of drug targets and toxicity of bath salts No \$360.175 \$196.295 \$556.470 \$83,471 7/1/23 to 6/30/24 National Institute on Drug Abuse

% Credit

55

15

15

15

10/7/2024 12:48:24PM Page 48 of 81

Center for Drug Design and Development

Neurosciences. Department of

Pharmacology & Experimental Therapeutics, Department of

Pharmacology & Experimental Therapeutics, Department of

Department

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

1-going projects wit	g projects with new funds, i.e. not reported in a previous listar year.			Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
eurosciences, De	partment of						
C-128826-03	Training in Molecular and Tra	anslational Cell Dynamics	No	\$618,000	\$35,082	\$653,082	\$6,53°
5/1/24 to 4/30/25	National Institute of General Me	edical Sciences					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Osman, Mahasin	Medicine, Department of			93		
Co-PI	Avidor-Reiss, Tomer	Biological Sciences, Department of			5		
Co-PI	Dworkin, Lance	Medicine, Department of			1		
Co-PI	Smith, Robert Erne	Neurosciences, Department of			1		
C-128826-03-I01	Training in Molecular and Tra	anslational Cell Dynamics	No	\$18,960	\$1,037	\$19,997	\$20
5/1/24 to 4/30/25	National Institute of General Me	edical Sciences					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Osman, Mahasin	Medicine, Department of			93		
Co-PI	Avidor-Reiss, Tomer	Biological Sciences, Department of			5		
Co-PI	Dworkin, Lance	Medicine, Department of			1		
Co-PI	Smith, Robert Erne	Neurosciences, Department of			1		
C-129260-02	AMPK localization, expression	on, and activity in Alzheimer's Disease (N.	No	\$41,511	\$0	\$41,511	\$41,51
	Henkel Fellowship)						
9/1/23 to 8/31/24	National Institute on Aging						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, Robert Erne	Neurosciences, Department of			100		
Co-I	Hill, Jennifer E.W.	Physiology & Pharmacology, Department of	f				
C-129421-09	Pre- and postsynaptic pathw	ays underlying the stress response in the	No	\$224,997	\$108,143	\$333,140	\$333,140
	adrenal medulla						
3/1/24 to 2/28/25	National Institute of Neurologic	al Disorders and Stroke					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Anantharam, Arun	Neurosciences, Department of			100		
Co-I	Giovannucci, David	Neurosciences, Department of					
C-129421-09-I01	Pre- and postsynaptic pathw	ays underlying the stress response in the	No	\$17,499	\$8,412	\$25,911	\$25,91
	adrenal medulla						
1/25/24 to 2/28/25	National Institute of Neurologic	al Disorders and Stroke					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Anantharam, Arun	Neurosciences, Department of			100		
Co-I	Giovannucci, David	Neurosciences, Department of					

Dept Award

10/7/2024 12:48:24PM Page 49 of 81

This report does not show all projects that were active in FY24. This report shows only new and	
on-going projects with new funds, i.e. not reported in a previous fiscal year.	

		FY24. This report shows only new and					Dept Award
on-going projects wi	th new funds, i.e. not reported in a pr	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Neurosciences, De	epartment of						
N-130514-01	State of Ohio Adversity and Res	ilience (SOAR) Study	No	\$452,248	\$45,225	\$497,473	\$99,49
2/1/24 to 6/30/25	Ohio Department of Mental Health	and Addiction Services through Ohio State	e University				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			40		
Co-I	Andari, Elissar	Psychiatry, Department of			20		
Co-I	Smith, Robert Erne	Psychiatry, Department of			20		
Co-I	Xie, Hong	Neurosciences, Department of		** ***	20	****	
N-600226-01		te, behaving mice using Inscopix	No	\$8,653	\$2,596	\$11,249	\$11,24
E/40/04 to E/0/0E	Miniscope						
5/10/24 to 5/9/25	Inscopix, Inc.						7
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goswamee, Priyodarshan	Neurosciences, Department of			100		
		Sum of Department (Neuroscien	ces, Depart	ment of) Awa	ard Count: 5.37		\$739,75
Orthonandia Suraa	ery, Department of						
C-129181-04		provention and function during sains	No	¢ <i>EE</i> 2 022	¢420 202	\$602.20 <i>4</i>	¢600 00
C-129181-04	(R01)	energetics and function during aging	No	\$553,822	\$128,382	\$682,204	\$682,20
6/1/24 to 5/31/25	National Institute on Aging						
Role		Department			% Credit		1
PI/PD	<u>Name</u> Lecka-Czernik, Beata	<u>Department</u> Orthopaedic Surgery, Department of			<u>% Credit</u> 100		
FI/FD	Lecka-Czernik, Deala						
		Sum of Department (Orthopaedic Surg	gery, Depart	ment of) Awa	ard Count: 1.00		\$682,20
Orthopedics							
N-130566-01	Tuition/Travel Grant		No	\$11,250	\$0	\$11,250	\$11,25
10/10/23 to 5/18/24		e Business Services Inc		4 1 1, 2 3 0	**	¥11,200	¥11,20
Role	Name	Department			% Credit		
PI/PD	Kovacs, Kelly Jo	Orthopedics			100		
<u> </u>	, , , , , , , , , , , , , , , , , , ,		tment (Ortho	nedics) Awa	ard Count: 1.00	-	\$11,25
		Cull of Depar	unent (Orth	pedies) Awa	ara Ooant. 1.00		Ψ11,20
Pathology, Departi	ment of						
N-129557-01-A1	Engineering Exosome for Pancr	eatic Cancer Targeting Therapies	No	\$322,355	\$175,683	\$498,038	
9/21/23 to 8/31/24	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Liu, Shi-He	Cell & Cancer Biology, Department of			95		
Co-I	Lapitsky, Yakov	Chemical Engineering, Department of			5		
Co-I	Liu, JingYuan	Medicine, Department of					
Co-I	Stanoszek, Lauren Michele	Pathology, Department of					
Co-I	Zhang, Jian-Ting	Cell & Cancer Biology, Department of					

10/7/2024 12:48:24PM Page 50 of 81

delay and hypogonadotropic hypogonadism

delay and hypogonadotropic hypogonadism

Name

Name

Hill, Jennifer E.W.

Hill, Jennifer E.W.

2/1/24 to 1/31/25 Role

C-128393-03-I01

5/2/24 to 1/31/25 Role

PI/PD

PI/PD

National Institute of Child Health & Human Development

National Institute of Child Health & Human Development

Department

Department

Astrocyte insulin resistance-induced neuroendocrine defects in pubertal

on-going projects wi	th new funds, i.e. not reported in a pr	evious fiscal year. (Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
Pathology, Departr	nent of						
N-600117-01	(HABRI)	n Toxins and Toxic Microplastics	No	\$126,545	\$9,724	\$136,269	\$6,81
3/1/24 to 6/30/24	Ohio Department of Higher Educat	ion through Ohio State University					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Haller, Steven T.	Medicine, Department of			75		
Co-PI	Kennedy, David Joseph	Medicine, Department of			5		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
Co-I	Koch, Lauren Gerard	Physiology & Pharmacology, Department of			5		
Co-I	Stanoszek, Lauren Michele	Pathology, Department of			5		
I C - I	Milley James	Madiaina Danautusant of					
Co-I	Willey, James	Medicine, Department of			5		
Co-l	Willey, James	Medicine, Department of Sum of Department (Pathology ,	Depart	ment of) Awa	5 ard Count: 0.05		\$6,81°
Co-l Pediatrics, Departn	<u>.</u>		Depart	ment of) Awa			\$6,81
	<u>.</u>		Depart No	ment of) Awa		\$17,250	ŕ
Pediatrics, Departn	nent of			,	ard Count: 0.05	\$17,250	·
Pediatrics, Departn C-130191-02	nent of Reach Out and Read			,	ard Count: 0.05	\$17,250	·
Pediatrics, Departn C-130191-02 1/1/24 to 12/31/24	nent of Reach Out and Read Reach Out and Read	Sum of Department (Pathology,		,	ard Count: 0.05	\$17,250	·
Pediatrics, Departn C-130191-02 1/1/24 to 12/31/24 Role	nent of Reach Out and Read Reach Out and Read Name	Sum of Department (Pathology , Department	No	\$17,250	\$0 % Credit 100	\$17,250 	\$6,813 \$17,250 \$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD	nent of Reach Out and Read Reach Out and Read Name	Sum of Department (Pathology , Department Pediatrics, Department of	No	\$17,250	\$0 % Credit 100	\$17,250	\$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD	nent of Reach Out and Read Reach Out and Read Name Legendre, Lori R. macology, Department of	Sum of Department (Pathology , Department Pediatrics, Department of	No	\$17,250	\$0 % Credit 100	\$17,250 \$90,000	\$17,250 \$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD	nent of Reach Out and Read Reach Out and Read Name Legendre, Lori R. macology, Department of	Sum of Department (Pathology, Department Pediatrics, Department of Sum of Department (Pediatrics, ut microbiota to treat iron-induced	No Depart	\$17,250 ment of) Awa	% Credit 100 ard Count: 1.00		\$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD	nent of Reach Out and Read Reach Out and Read Name Legendre, Lori R. macology, Department of Targeting innate immunity and g	Sum of Department (Pathology, Department Pediatrics, Department of Sum of Department (Pediatrics, ut microbiota to treat iron-induced Bowel Disease	No Depart	\$17,250 ment of) Awa	% Credit 100 ard Count: 1.00		\$17,250 \$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD Physiology & Phart C-127801-03	nent of Reach Out and Read Reach Out and Read Name Legendre, Lori R. macology, Department of Targeting innate immunity and gadverse effects in Inflammatory	Sum of Department (Pathology, Department Pediatrics, Department of Sum of Department (Pediatrics, ut microbiota to treat iron-induced Bowel Disease	No Depart	\$17,250 ment of) Awa	% Credit 100 ard Count: 1.00		\$17,250 \$17,250
Pediatrics, Departm C-130191-02 1/1/24 to 12/31/24 Role PI/PD Physiology & Pharm C-127801-03 7/1/23 to 6/30/24	nent of Reach Out and Read Reach Out and Read Name Legendre, Lori R. macology, Department of Targeting innate immunity and g adverse effects in Inflammatory Crohn's and Colitis Foundation of A	Sum of Department (Pathology, Department Pediatrics, Department of Sum of Department (Pediatrics, ut microbiota to treat iron-induced Bowel Disease America	No Depart	\$17,250 ment of) Awa	\$0 \$0 Credit 100 ard Count: 1.00 \$0		\$17,250 \$17,250

% Credit

\$31,056

No

100

\$47,982

\$47,982

\$16,926

% Credit

100

10/7/2024 12:48:24PM Page 51 of 81

Physiology & Pharmacology, Department of

Physiology & Pharmacology, Department of

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects wit	n new funds, i.e. not reported in a p	orevious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
hysiology & Pharr	macology, Department of						
C-128671-04 6/1/24 to 5/31/25	Neural mechanisms of host-mic potential for bio-electronic med National Heart, Lung & Blood Ins		No	\$363,785	\$76,163	\$439,948	\$439,94
Role PI/PD	<u>Name</u> Zubcevic, Jasenka	<u>Department</u> Physiology & Pharmacology, Department	of		<u>% Credit</u> 100		
C-128815-04		g of University of Toledo Campus	No	\$303,914	\$75,979	\$379,893	\$303,91
7/1/23 to 6/30/24	Centers for Disease Control and	Prevention through Ohio Department of Heal	th				
Role PI/PD Co-I	<u>Name</u> Chakravarti, Ritu Chattopadhyay, Saurabh	<u>Department</u> Physiology & Pharmacology, Department Med Microbiology & Immunology, Departi			<u>% Credit</u> 80		
Co-I Co-I	Kang, Dae Wook Taylor, Roger Travis	Civil & Environmental Engineering, Department Med Microbiology & Immunology, Department	rtment of		20		
C-128865-03 7/1/23 to 6/30/24	Targeting Neutrophil Extracellu American Heart Association - Nat	• • •	No	\$70,000	\$7,000	\$77,000	\$77,00
Role PI/PD	Name Kumar, Matam Vijay	<u>Department</u> Physiology & Pharmacology, Department	of		% Credit 100		
C-128872-03 7/1/23 to 6/30/24	The role of gut microbiota in ar resistant hypertension American Heart Association - National Section - Nat	ntihypertensive drug resistance and	No	\$70,000	\$7,000	\$77,000	\$77,00
Role PI/PD	<u>Name</u> Yang, Tao	<u>Department</u> Physiology & Pharmacology, Department	of		<u>% Credit</u> 100		
C-129236-03	Determining the context specif mitochondria and healthspan		No	\$28,007	\$15,515	\$43,522	\$43,52
1/1/24 to 12/31/24		h Oklahoma Medical Research Foundation					
Role PI/PD	<u>Name</u> Koch, Lauren Gerard	<u>Department</u> Physiology & Pharmacology, Department			<u>% Credit</u> 100		
C-129260-02 9/1/23 to 8/31/24	AMPK localization, expression, Henkel Fellowship) National Institute on Aging	and activity in Alzheimer's Disease (N.	No	\$41,511	\$0	\$41,511	
Role PI/PD Co-I	<u>Name</u> Smith, Robert Erne Hill, Jennifer E.W.	<u>Department</u> Neurosciences, Department of Physiology & Pharmacology, Department	of		<u>% Credit</u> 100		
C-129428-02 2/1/24 to 1/31/25	disease	traps (NETs) in Inflammatory bowel	No	\$271,661	\$141,261	\$412,922	\$412,92
2/1/24 to 1/31/25 Role PI/PD	National Institute of Diabetes, Dig Name Kumar, Matam Vijay	<u>Department</u> Physiology & Pharmacology, Department	. f		% Credit 100		

Dept Award

10/7/2024 12:48:24PM Page 52 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

in-going projects with	new lunds, i.e. not reported in a pro-	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Physiology & Pharm	acology, Department of						
C-129582-02 7/1/23 to 6/30/24	Endothelial Autophagy in Cardia American Heart Association - Natio		No	\$90,908	\$9,091	\$99,999	\$99,999
Role PI/PD Co-I	<u>Name</u> Thodeti, Charles K. Paruchuri, Sailaja M.	<u>Department</u> Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology			<u>% Credit</u> 70 30		
C-129966-02 12/1/23 to 11/30/24	YAP1, neointima formation, and National Heart, Lung & Blood Instit		No	\$145,049	\$79,052	\$224,101	\$224,101
Role PI/PD		<u>Department</u> Physiology & Pharmacology, Department of			<u>% Credit</u> 100		
C-129966-02-I01 6/26/24 to 11/30/24	YAP1, neointima formation, and National Heart, Lung & Blood Instit		No	\$16,116	\$8,783	\$24,899	\$24,899
Role PI/PD		Department Physiology & Pharmacology, Department of			<u>% Credit</u> 100		
N-129895-01-A1 1/1/24 to 12/31/24	Regulation of Mitochondrial by M Endothelial Cells American Heart Association - Nation	Mechanosensitive Ion Channel TRPV4 in onal	No	\$33,694	\$0	\$33,694	\$33,694
Role PI/PD	<u>Name</u> Thodeti, Charles K.	<u>Department</u> Physiology & Pharmacology, Department of	of		<u>% Credit</u> 100		
N-130423-01 1/1/24 to 12/31/24	Novel gut microbiota-mediated r American Heart Association - Natio	nechanisms regulating blood pressure onal	No	\$33,694	\$0	\$33,694	\$33,694
Role PI/PD Co-I	<u>Name</u> Joe, Bina Yang, Tao	<u>Department</u> Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology			<u>% Credit</u> 100		
N-130442-01 12/31/23 to 12/30/24	Targeting macronutrient and gut injury (2023 ALF Liver Scholar Att American Liver Foundation	microbiota to treat cholestatic liver ward)	No	\$75,000	\$0	\$75,000	\$75,000
Role PI/PD Co-I	<u>Name</u> Yeoh, Beng San Kumar, Matam Vijay	<u>Department</u> Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Physiology			<u>% Credit</u> 100		
N-130492-01 6/10/24 to 4/30/25	Determining role of 14-3-3zeta in National Institute of Allergy & Infec	IL-17A signaling	No	\$588,506	\$201,513	\$790,019	\$790,019
Role PI/PD	Name Chakravarti, Ritu	<u>Department</u> Physiology & Pharmacology, Department of	of		% Credit 100		

Dept Award

10/7/2024 12:48:24PM Page 53 of 81

Koch, Lauren Gerard

Willey, James

Stanoszek, Lauren Michele

	This report does not show all projects that were active in FY24. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.			Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
P	hysiology & Phar	macology, Department of						
Ī	N-600117-01	Aging as a Primary Risk Factor for Increased Susceptibility to Aerosolized Harmful Algal Bloom Toxins and Toxic Microplastics (HABRI)		No	\$126,545	\$9,724	\$136,269	\$6,813
3	3/1/24 to 6/30/24	Ohio Department of Higher Educ	ation through Ohio State University					
	Role	<u>Name</u>	<u>Department</u>			% Credit		
	PI/PD	Haller, Steven T.	Medicine, Department of			75		
	Co-PI	Kennedy, David Joseph	Medicine, Department of			5		
	Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of	of		5		
	•	•						

Physiology & Pharmacology, Department of

Pathology, Department of Medicine, Department of

Sum of Department (Physiology & Pharmacology, Departme Award Count: 15.85 \$3,260,331

i Sycinatiy, Department or	Psy	chiatry	/, Depa	rtment of
----------------------------	-----	---------	---------	-----------

Co-I

Co-I Co-I

C-010532-29	Adult Psychiatry Residency a	and Training Program	No	\$38,095	\$1,905	\$40,000	\$40,000
7/1/23 to 6/30/24	Ohio Department of Mental Hea	alth and Addiction Services					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kelly, Victoria C.	Psychiatry, Department of			100		
C-101317-19	Child and Adolescent Psychi	atry Residency and Training Program	No	\$28,571	\$1,429	\$30,000	\$30,000
7/1/23 to 6/30/24	Ohio Department of Mental Hea	alth and Addiction Services					
Role	<u>Name</u>	<u>Department</u>			% Credit		
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		
C-129006-03	Engaging Fathers in Cross-C	utting Violence Prevention: A Dual	No	\$11,122	\$6,061	\$17,183	\$17,183
	Generation Evaluation of the	ACT Raising Safe Kids Program to Prevent	•				
	Multiple Forms of Violence						
9/30/23 to 9/29/24	Centers for Disease Control an	d Prevention through University of Georgia at	Athens				_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Knox, Michele	Psychiatry, Department of			100		
N-130169-01	Community Project Funding/	Congressionally Directed Spending	No	\$1,000,000	\$0	\$1,000,000	\$1,000,000
	(CPF/CDS)						
9/30/23 to 9/29/26	U.S. Department of Health and	Human Services					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			100		

10/7/2024 12:48:24PM Page 54 of 81

This report does not show all projects that were active in FY24. This report shows only new and				,	Dept /
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	-	

•	th new funds, i.e. not reported in	ew funds, i.e. not reported in a previous fiscal year.			Indirect Cost	Total Award	Dept Award Credit
Psychiatry, Depart	ment of						
N-130514-01	State of Ohio Adversity and	Resilience (SOAR) Study	No	\$452,248	\$45,225	\$497,473	\$397,978
2/1/24 to 6/30/25	Ohio Department of Mental He	ealth and Addiction Services through Ohio Sta	te University				
Role	Name	Department	•		% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			40		
Co-I	Andari, Elissar	Psychiatry, Department of			20		
Co-I	Smith, Robert Erne	Psychiatry, Department of			20		
Co-I	Xie, Hong	Neurosciences, Department of			20		
		Sum of Department (Psych	iatrv. Depart	ment of) Awa	ard Count: 4.80		\$1,485,161
		1 (3 ,	,			, ,, -
Urology, Departme							
C-128649-04		in Patients with Non-Muscular Invasive	No	\$15,340	\$4,909	\$20,249	\$20,249
	` '	responsive to Bacillus-Calmette-Guerin					
	(BCG)						
7/1/23 to 6/30/29	CG Oncology, Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Petros, Firas G.	Urology, Department of			100		
R-127516-06	7/14 APOL1 Long-term Kidn	ey Transplantation Outcomes Network	No	\$6,225	\$3,393	\$9,618	\$9,618
	(APOLLO) Clinical Center						
9/1/23 to 5/31/24	National Institute of Diabetes,	Digestive & Kidney Diseases through Clevela	nd Clinic				
	Foundation						
Role	<u>Name</u>	Department	_	_	% Credit		
PI/PD	Ekwenna, Obi	Urology, Department of			100		
		Sum of Department (Uro	logy, Depart	ment of) Awa	ard Count: 2.00	-	\$29,867
		0 (0 11 (14 11 1 1 1 1 1 1 1	<u> </u>		10 1010		****

Sum of Department (Urology, Department of	Award Count: 2.00	\$29,867
Sum of College (Medicine and Life Sciences, College of	Award Count: 94.85	\$17,452,537

Natural Sciences & Mathematics, College of

This report does not show all projects that were active in FY24. This report shows only new and					Dept Award
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>

Biological Sciences, Department of

10/7/2024 12:48:24PM Page 55 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	n new tunds, i.e. not reported in a	previous liscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
iological Sciences	, Department of						
C-128826-03 5/1/24 to 4/30/25	Training in Molecular and Tra National Institute of General Me	•	No	\$618,000	\$35,082	\$653,082	\$32,65
Role PI/PD Co-PI Co-PI Co-PI	Name Osman, Mahasin Avidor-Reiss, Tomer Dworkin, Lance Smith, Robert Erne	<u>Department</u> Medicine, Department of Biological Sciences, Department of Medicine, Department of Neurosciences, Department of			<u>% Credit</u> 93 5 1 1		
C-128826-03-I01	Training in Molecular and Tra	•	No	\$18,960	\$1,037	\$19,997	\$1,00
5/1/24 to 4/30/25 Role PI/PD Co-PI Co-PI Co-PI	National Institute of General Me Name Osman, Mahasin Avidor-Reiss, Tomer Dworkin, Lance Smith, Robert Erne	Department Medicine, Department of Biological Sciences, Department of Medicine, Department of Medicine, Department of Neurosciences, Department of			<u>% Credit</u> 93 5 1		
C-128836-03	The mechanism of cell size re		No	\$212,784	\$64,834	\$277,618	\$277,6°
1/1/24 to 3/31/25	National Institute of General Me			·	·	·	
Role PI/PD	<u>Name</u> Chen, Qian	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
C-128836-03-l01 6/21/24 to 3/31/25	The mechanism of cell size re National Institute of General Me		No	\$23,643	\$7,204	\$30,847	\$30,8
Role PI/PD	<u>Name</u> Chen, Qian	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
2 -129148-02 /1/24 to 12/31/24	CAREER: The regulation of contact National Science Foundation	ytokinesis by calcium	No	\$95,082	\$46,536	\$141,618	\$141,6
Role PI/PD	<u>Name</u> Chen, Qian	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
2-129201-03 0/1/23 to 8/31/24	NACA: Molecular and cellular tolerance in crop plants U.S. Department of Agriculture	analysis of the effects of silicon on stress	No	\$86,831	\$8,683	\$95,514	\$95,5
Role PI/PD	<u>Name</u> Leisner, Scott M.	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
C-129355-02		ression by the Nuclear Envelope	No	\$8,711	\$4,399	\$13,110	\$13,1
N/1/24 to 3/31/25 Role PI/PD	National Institute of General Me Name Garcia-Mata, Rafael	edical Sciences through North Carolina State Un <u>Department</u> Biological Sciences, Department of	niversity		<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 56 of 81

Name

Name

Name

Niu. Wei

Scribble/SGEF/Dlg1 complex

Garcia-Mata, Rafael

Project Seed at UToledo 2023

Gionfriddo. Emanuela

Johnson, Natasha Yvonne

Marszewski, Michal

American Chemical Society

National Institute of General Medical Sciences

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award Biological Sciences, Department of** N-129535-01 PFI-TT: A new test for male fertility based on sperm neck structures \$200,000 \$166,113 \$83,887 \$250,000 No 8/1/23 to 7/31/25 National Science Foundation Role % Credit Name Department PI/PD Avidor-Reiss. Tomer Biological Sciences, Department of 80 Co-PI Ray, Aniruddha Physics and Astronomy, Department of 20 N-130032-01 Regulation of Cadherins by MLKs No \$300,000 \$151,500 \$451,500 \$451,500 9/22/23 to 8/31/26 National Institute of General Medical Sciences Role Name Department % Credit PI/PD Chadee, Deborah N. 100 Biological Sciences, Department of Functional Characterization of UNIBAIO's Chitosan Microparticles (MCS) \$7.357 N-130468-01-W1 No \$5.659 \$1.698 \$7.357 10/26/23 to 10/25/25 UNIBAIO Co. Role % Credit Name Department PI/PD Garcia-Mata, Rafael Biological Sciences, Department of 100 N-130468-01-W2 Functional Characterization of UNIBAIO's Chitosan Microparticles (MCS) \$2,663 \$799 \$3,462 No \$3,462 10/26/23 to 10/25/25 UNIBAIO Co. Role % Credit Name Department Biological Sciences, Department of PI/PD Garcia-Mata, Rafael 100 Antisense oligonucleotide therapy of X-linked Protocadherin 19 related N-600215-01 No \$117,436 \$21,568 \$139,004 \$139,004 **Autism and Epilepsy** Simons Foundation through University of Michigan 1/1/24 to 12/31/24

Chemistry and Biochemistry, Department of

Regulation of epithelial junctions and lumen morphogenesis by the

Department

Department

Teacher Education

Biological Sciences, Department of

Biological Sciences, Department of

No \$9,000 \$0 \$9,000 \$6,750 Department % Credit Chemistry and Biochemistry, Department of 50 Chemistry and Biochemistry, Department of 25

\$45.523

No

Sum of Department (Biological Sciences, Department of) Award Count: 10.90

10/7/2024 12:48:24PM

Role

PI/PD

S-127676-04-S1

4/1/23 to 3/31/24

C-122077-13

7/1/23 to 6/30/24

Role

PI/PD

Co-PI

Co-I

Role

PI/PD

\$45.523

\$45,523

\$1,439,207

% Credit

% Credit

100

25

100

\$0

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n ew funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Chemistry and Bioc	hemistry, Department of						
C-127518-05 1/1/24 to 12/31/24	Methods to synthesize oligosac enhancement of their antigenic National Institute of Allergy & Infe		d No	\$278,612	\$140,699	\$419,311	\$188,690
Role PI/PD Co-I Co-I	Name Sucheck, Steven Joseph Prestwich, Erin G. Wall, Katherine Ann	Department Chemistry and Biochemistry, Departm Medicinal and Biological Chemistry, De Medicinal and Biological Chemistry, De	epartment of		<u>% Credit</u> 45 17 38		
C-127518-05-I01	Methods to synthesize oligosac	charide-fusion protein conjugates and	d No	\$30,957	\$15,633	\$46,590	\$20,965
5/20/24 to 12/31/24	enhancement of their antigenic National Institute of Allergy & Infe						
Role PI/PD Co-I Co-I	Name Sucheck, Steven Joseph Prestwich, Erin G. Wall, Katherine Ann	<u>Department</u> Chemistry and Biochemistry, Departm Medicinal and Biological Chemistry, De Medicinal and Biological Chemistry, De	epartment of		<u>% Credit</u> 45 17 38		
C-128261-04 9/1/23 to 8/31/24	enzymes	s of pyridoxal-5'-phosphate dependent cal Sciences through University of Georg		\$74,429	\$38,703	\$113,132	\$113,132
Role PI/PD	<u>Name</u> Mueser, Timothy	<u>Department</u> Chemistry and Biochemistry, Departm	ent of		<u>% Credit</u> 100		
C-128710-03-I01 9/13/23 to 5/31/24	Molecular Design of Lead Acid Argonne National Laboratory	Battery Model Expanders	No	\$118,026	\$59,603	\$177,629	\$177,629
Role PI/PD Stdnt Schol Stdnt Schol	Name Lind-Kovacs, Cora Powers, Kayla C. Verhoff, Elizabeth Clara	<u>Department</u> Chemistry and Biochemistry, Departm	ent of		<u>% Credit</u> 100		
C-129873-02 6/1/24 to 5/31/25	Pre-clinical Evaluation	V4) Development, Characterization, ar		\$75,000	\$30,273	\$105,273	\$105,273
Role PI/PD	<u>Name</u> Andreana, Peter R.	<u>Department</u> Chemistry and Biochemistry, Departm	ent of		<u>% Credit</u> 100		
C-130039-03	O-Specific Polysaccharide Res		No	\$60,000	\$30,300	\$90,300	\$90,300
4/1/24 to 3/31/25 Role PI/PD	National Institutes of Health through Name Andreana, Peter R.	gh Massachusetts General Hospital Department Chemistry and Biochemistry, Departm	ent of		<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 58 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

in-going projects with	n new funds, i.e. not reported in	a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Chemistry and Biod	chemistry, Department of						
C-130206-02 6/1/24 to 5/31/25	Organic and Metal Contamin Water when Producing Cont USDA Agricultural Research S		No	\$165,110	\$10,481	\$175,591	\$175,59
	•				% Credit		1
Role Co-Pl	<u>Name</u> Kirchhoff, Jon R.	<u>Department</u> Chemistry and Biochemistry, Departme	ent of		% Credit 100		
N-127690-05	Temperature dependent latti material Al2Sc1.8Mo3O12	ce constants of negative thermal expansion		\$5,040	\$0	\$5,040	\$5,04
10/1/23 to 12/31/25					0/ 0 !!!		1
Role PI/PD	<u>Name</u> Lind-Kovacs, Cora	<u>Department</u> Chemistry and Biochemistry, Departme	ent of		<u>% Credit</u> 100		
N-129873-01	Pre-clinical Evaluation	SCV4) Development, Characterization, and		\$75,000	\$30,273	\$105,273	\$105,27
6/23/23 to 5/31/24	National Institute of Allergy & I	nfectious Diseases through Massachusetts G	eneral Hospi	tal			1
Role	<u>Name</u>	<u>Department</u>	_		% Credit		
PI/PD	Andreana, Peter R.	Chemistry and Biochemistry, Departme			100		
N-129948-01	Great Lakes Center for Fresh		No	\$13,039	\$6,780	\$19,819	\$19,81
5/31/24 to 2/28/25	National Institute of Environme	ental Health Sciences through University of M	ichigan				_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Departme	ent of		100		
N-130078-01		terials from nature: from biomaterials to	No	\$168,219	\$81,719	\$249,938	\$249,93
9/1/23 to 8/31/25	metal oxides National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Marszewski, Michal	Chemistry and Biochemistry, Departme	ent of		100		
N-130101-01	NMR Facility at The Universi	ery Equipment to Establish a Sustainable ty of Toledo	No	\$322,980	\$0	\$322,980	\$322,98
9/1/23 to 8/31/26	National Science Foundation						1
Role	<u>Name</u>	<u>Department</u>	_		% Credit		
PI/PD	Kim, Yong Wah	Chemistry and Biochemistry, Departme			80		
Co-PI	Kirchhoff, Jon R.	Chemistry and Biochemistry, Departme			10		
Co-I	Li, Wei	Chemistry and Biochemistry, Departme	ent of		10]

Dept Award

10/7/2024 12:48:24PM Page 59 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a pro	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Chemistry and Bioc	hemistry, Department of						
N-130225-01 7/31/24 to 1/30/27	EFFUSION COOLING FOR HYPE Office of Naval Research	RSONIC GROUND TESTING	No	\$2,306,236	\$693,766	\$3,000,002	\$1,350,001
Role PI/PD Co-PI Co-I Co-I	<u>Name</u> Huebner, Steven Roy Mason, Mark R. Cioc, Sorin Gupta, Anju R.	Department Mechanical, Industrial, and Manufacturi Chemistry and Biochemistry, Departme Mechanical, Industrial, and Manufacturi Mechanical, Industrial, and Manufacturi	ent of ing Engineeri	ng, Departm	<u>% Credit</u> 40 45 5 10		
N-130226-01		Enhance the Hydrogen Economy	No	\$2,551,413	\$448,587	\$3,000,000	\$1,500,000
4/1/24 to 8/31/26 Role	U.S. Department of Energy Name	Department			% Credit		7
PI/PD Co-I Co-I	Mason, Mark R. Berhan, Lesley Shetty, Sujata	Chemistry and Biochemistry, Department Mechanical, Industrial, and Manufacturi Geography and Planning, Department of the Company of the Compa	ing Engineeri	ng, Departm	50 25 25		
N-130642-01 2/16/24 to 11/11/24		EMENTS RECOVERY VIA SELECTIVE EMBRANE DEVELOPMENT	No	\$6,579	\$3,421	\$10,000	\$10,000
Role PI/PD	<u>Name</u> Schmidt, Joseph	<u>Department</u> Chemistry and Biochemistry, Departme	ent of		<u>% Credit</u> 100		
N-600117-01	Aging as a Primary Risk Factor f Aerosolized Harmful Algal Bloon (HABRI)	n Toxins and Toxic Microplastics	No	\$126,545	\$9,724	\$136,269	\$6,813
3/1/24 to 6/30/24	Ohio Department of Higher Educat						7
Role PI/PD Co-PI Co-I Co-I Co-I Co-I	Name Haller, Steven T. Kennedy, David Joseph Isailovic, Dragan Koch, Lauren Gerard Stanoszek, Lauren Michele Willey, James	Department Medicine, Department of Medicine, Department of Chemistry and Biochemistry, Departme Physiology & Pharmacology, Departme Pathology, Department of Medicine, Department of			<u>% Credit</u> 75 5 5 5 5 5		
N-600118-01 3/1/24 to 6/30/24	HABRI: Characterization and Sci Guanitoxin, Cylindrospermopsin Populations Ohio Department of Higher Educat		No	\$98,926	\$7,914	\$106,840	\$5,342
Role PI/PD Co-PI Co-I	<u>Name</u> Haller, Steven T. Kennedy, David Joseph Isailovic, Dragan	<u>Department</u> Medicine, Department of Medicine, Department of Chemistry and Biochemistry, Departme	ent of		<u>% Credit</u> 80 15 5		

Dept Award

10/7/2024 12:48:24PM Page 60 of 81

This report does not show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award** Chemistry and Biochemistry, Department of \$8,454 N-600148-01 Diagnostic Test Development for Detection and Monitoring of \$105,679 \$114,133 \$11,413 No **Cyanotoxins in Human and Veterinary Applications (HABRI)** Ohio Department of Higher Education through Ohio State University 3/1/24 to 6/30/24 % Credit Role Name Department PI/PD Kennedy, David Joseph Medicine, Department of 40 Co-PI Medicine, Department of Haller, Steven T. 40 Co-I Isailovic, Dragan Chemistry and Biochemistry, Department of 10 Med Microbiology & Immunology, Department of Co-I Stepkowski, Stanislaw M. 10 N-600507-01 **Project SEED Program 2024** No \$4,800 \$0 \$4,800 \$4,800 American Chemical Society 6/10/24 to 8/31/24 Role % Credit Name Department PI/PD Chemistry and Biochemistry, Department of Marszewski, Michal 100 \$4,469,750 Sum of Department (Chemistry and Biochemistry, Departm Award Count: 14.80 **Environmental Sciences. Department of**

ences, Department of						
Research Support Agreement-	Acquisition of Goods and Services	No	\$3,311	\$331	\$3,642	\$3,6
U.S. Department of Agriculture						
<u>Name</u>	<u>Department</u>			% Credit		
Bossenbroek, Jonathan	Environmental Sciences, Department of			100		
Development of capabilities ar	nd response methodologies to effectively	No	\$496,315	\$49,631	\$545,946	\$545,9
respond to detections of Grass	s Carp					
<u>Name</u>	<u>Department</u>			% Credit		
Mayer, Christine Marie	Environmental Sciences, Department of			50		
Bossenbroek, Jonathan	Environmental Sciences, Department of					
Qian, Song S [°] .	Environmental Sciences, Department of			50		
Distance Education and Training	ng on Emerging Contaminants and	No	\$27,962	\$2,237	\$30,199	
Technologies (DETECT)						
National Institute of Environment	tal Health Sciences through Purdue University					
<u>Name</u>	<u>Department</u>			% Credit		
Ames, April L.	Department of Population Health			60		
Dwyer, Daryl	Environmental Sciences, Department of					
Haller, Steven T.	Medicine, Department of					
Kennedy, David Joseph	Medicine, Department of					
Milz, Sheryl A.	Department of Population Health			20		
Saltzman, Barbara	Department of Population Health			20		
	Research Support Agreement- U.S. Department of Agriculture Name Bossenbroek, Jonathan Development of capabilities ar respond to detections of Grass U.S. Fish and Wildlife Service the Name Mayer, Christine Marie Bossenbroek, Jonathan Qian, Song S. Distance Education and Traini Technologies (DETECT) National Institute of Environment Name Ames, April L. Dwyer, Daryl Haller, Steven T. Kennedy, David Joseph Milz, Sheryl A.	Research Support Agreement-Acquisition of Goods and Services U.S. Department of Agriculture Name Bossenbroek, Jonathan Department Environmental Sciences, Department of Development of capabilities and response methodologies to effectively respond to detections of Grass Carp U.S. Fish and Wildlife Service through Ohio Department of Natural Resources Name Mayer, Christine Marie Bossenbroek, Jonathan Qian, Song S. Department Environmental Sciences, Department of Environmental Health Sciences through Purdue University Name Ames, April L. Dwyer, Daryl Haller, Steven T. Kennedy, David Joseph Milz, Sheryl A. Department of Population Health Department of Department of Medicine, Department of Department of Department of Population Health	Research Support Agreement-Acquisition of Goods and Services U.S. Department of Agriculture Name Bossenbroek, Jonathan Bossenbroek	Research Support Agreement-Acquisition of Goods and Services No \$3,311	Research Support Agreement-Acquisition of Goods and Services U.S. Department of Agriculture Name	Research Support Agreement-Acquisition of Goods and Services U.S. Department of Agriculture Name Bossenbroek, Jonathan Environmental Sciences, Department of Development of capabilities and response methodologies to effectively respond to detections of Grass Carp U.S. Fish and Wildlife Service through Ohio Department of Natural Resources Name Mame Mayer, Christine Marie Bossenbroek, Jonathan Cian, Song S. Distance Education and Training on Emerging Contaminants and Technologies (DETECT) National Institute of Environmental Health Sciences through Purdue University Name Ames, April L. Dwyer, Daryl Haller, Steven T. Kennedy, David Joseph Milz, Sheryl A. Department of Population Health Department of Population Health Department of Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Population Health Department of Population Health Department of Medicine, Departme

.946

10/7/2024 12:48:24PM Page 61 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	ir new lunds, i.e. not reported in a pi	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
invironmental Scie	nces, Department of						
C-128627-05 7/1/23 to 6/30/25		thin the H2Ohio Initiative (Phase 6) FY24 urces through Ohio State University	No	\$487,415	\$48,741	\$536,156	\$375,30
Role PI/PD Co-I Co-I	<u>Name</u> Doro, Kennedy Okioghene Becker, Richard Bridgeman, Thomas B.	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of Lake Erie Soil and Water Research and E	ducation C	Center	% Credit 40 30 30		
C-128757-03	Grass Carp Reproduction in Lal	ke Erie	No	\$106,383	\$18,166	\$124,549	\$62,27
8/14/23 to 3/9/25	U.S. Geological Survey						
Role PI/PD PI/PD Co-PI Co-PI	Name Qian, Song S. Qian, Song S. Mayer, Christine Marie Mayer, Christine Marie	Department Environmental Sciences, Department of Lake Erie Soil and Water Research and E Environmental Sciences, Department of Lake Erie Soil and Water Research and E			% Credit 25 25 25 25 25		
C-129308-03	RSA for student employment		No	\$1,818	\$182	\$2,000	\$2,00
8/30/23 to 8/29/24	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of			100		
C-129438-02	nutrients on cyanobacteria HAE		No	\$19,105	\$9,648	\$28,753	\$14,37
9/1/23 to 8/31/24	•	c Administration through University of Michiga	an		0/ 0 114		1
Role PI/PD	<u>Name</u> Spanbauer, Trisha	<u>Department</u> Environmental Sciences, Department of			% Credit 50		
PI/PD	Spanbauer, Trisha Spanbauer, Trisha	Lake Erie Soil and Water Research and E	ducation C	:enter	50 50		
C-129923-01-I01	Collaborative Research: MRA: F		No	\$78,380	\$39,582	\$117,962	\$117,96
6/25/24 to 12/31/28	decomposition controls from le drylands	af to landscape in North American	110	Ψ10,000	Ψ00,002	Ψ117,50 <u>2</u>	Ψ117,00
Role	Name	Department			% Credit		1
PI/PD	Moorhead, Daryl Lee	Environmental Sciences, Department of			70 Credit		
N-129070-01	, ,	chnical assistance (RCPP Project ID	No	\$90,831	\$0	\$90,831	\$90,83
	#2603)	oou: uoo.o.uoo (o. : . : o,oo: .2		400,00 .	•	400,00 .	400,00
8/12/22 to 7/30/27	Ohio Department of Agriculture th	rough Ohio State University					
Role	Name .	Department			% Credit		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			100		

Dept Award

10/7/2024 12:48:24PM Page 62 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

	<u>Credit</u>						
Environmental Scie	nces, Department of						
N-129923-01 1/1/24 to 12/31/28	Collaborative Research: MRA: decomposition controls from le drylands National Science Foundation	Resolving and scaling litter eaf to landscape in North American	No	\$21,479	\$10,847	\$32,326	\$32,326
Role	Name	Department			% Credit		1
PI/PD	Moorhead, Daryl Lee	Environmental Sciences, Department of			100		
N-130128-01	(Sander canadensis) reintrodu	r habitat suitability for potential sauger ction (FY24)	No	\$42,054	\$2,211	\$44,265	\$44,265
7/1/23 to 6/30/24	U.S. Fish and Wildlife Service the	,			0/ 0 11		1
Role PI/PD Co-PI Co-I	<u>Name</u> Bossenbroek, Jonathan Mayer, Christine Marie Crail, Todd	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 40 30 30		
N-130151-01	A tale of two extremes: Temper and hot soils	rature sensitivity of carbon loss from coo		\$10,551	\$5,328	\$15,879	\$15,879
9/1/23 to 8/31/24	U.S. Department of Energy throu	·					7
Role PI/PD	<u>Name</u> Weintraub, Michael N.	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-130176-01 9/1/23 to 8/31/24	Tidal Triggers and Hot-Spot Sw U.S. Department of Energy throu		No	\$5,029	\$1,308	\$6,337	\$3,169 _
Role PI/PD PI/PD	<u>Name</u> Forbrich, Inke Forbrich, Inke	<u>Department</u> Environmental Sciences, Department of Lake Erie Soil and Water Research and		Center	<u>% Credit</u> 50 50		
N-130237-01 1/1/24 to 12/31/28	Collaborative Research: BoCP response of biodiverse freshw progressive environmental cha National Science Foundation		No	\$273,246	\$137,989	\$411,235	\$411,235
Role	Name	Department			% Credit		1
PI/PD	Spanbauer, Trisha	Environmental Sciences, Department of			100		
N-130245-01	COMPASS FME	· •	No	\$625,000	\$325,000	\$950,000	\$912,000
3/1/24 to 9/30/26	U.S. Department of Energy throu	gh Battelle Memorial Institute			·	·	·
Role PI/PD Co-I Co-I Co-I Co-I	Name Weintraub, Michael N. Bridgeman, Thomas B. Doro, Kennedy Okioghene Forbrich, Inke Spanbauer, Trisha	Department Environmental Sciences, Department of Lake Erie Soil and Water Research and Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of	Education C	Center	<u>% Credit</u> 34 4 24 24 14		

Dept Award

10/7/2024 12:48:24PM Page 63 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Environmental Scie	nces, Department of						
N-130388-01 5/1/24 to 4/30/26	CAREER: Electrical Signals in S Interfaces National Science Foundation	oils across Terrestrial and Aquatic	No	\$208,439	\$85,936	\$294,375	\$294,375
Role PI/PD Stdnt Schol Stdnt Schol	Name Doro, Kennedy Okioghene Becker, William Hunter Livecchi, Nicholas J.	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-130403-01	Lake Sturgeon survival, habitat	use, and movements in Lake Erie	No	\$126,637	\$22,162	\$148,799	\$148,799
9/1/23 to 8/31/25	U.S. Geological Survey						
Role PI/PD	<u>Name</u> Hintz, William	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-130409-01 9/1/23 to 8/31/24	Sample Testing Agreement for t extracts University of Nevada Las Vegas	otal carbon and nitrogen analyses of soil	No	\$1,794	\$0	\$1,794	\$1,794
Role PI/PD	<u>Name</u> Weintraub, Michael N.	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-130425-01 4/1/24 to 3/31/27	Cultivating Persistence and Lea Teachers (Robert Noyce Teache National Science Foundation	dership Development in Science Master r Scholarship)	No	\$1,314,597	\$84,647	\$1,399,244	\$139,924
Role PI/PD Co-PI Co-PI Co-I	<u>Name</u> Johnson, Natasha Yvonne Bossenbroek, Jonathan Czajkowski, Kevin Paul Toland, Michael	Department Teacher Education Environmental Sciences, Department of Geography and Planning, Department of Dean-Education			<u>% Credit</u> 70 10 10 10		
N-130605-01 1/25/24 to 8/31/25	Evaluating the Effects of Climat Recruitment U.S. Geological Survey		No	\$102,310	\$17,904	\$120,214	\$120,214
Role PI/PD Stdnt Schol	Name Qian, Song S. Trois, Lou Marie Nikita	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-130614-01 2/1/24 to 1/31/25	Ecosystem on the Edge: How C in an Oscillating Environment Simons Foundation	oastal Marsh Plants and Microbes Thrive	No	\$213,712	\$34,440	\$248,152	\$248,152
Role PI/PD	<u>Name</u> Forbrich, Inke	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 64 of 81

Natural Sciences & Mathematics, College of This report does **not** show all projects that were active in EY24. This report shows only new and

	show all projects that were active in new funds, i.e. not reported in a pr	FY24. This report shows only new and revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Environmental Scie	nces, Department of						
N-600094-01 3/1/24 to 6/30/24	Geophysical mapping of sub-bozones, and bathymetry of inund Lakes (HABRI)	ottom sediments, groundwater discharge lated coastal wetlands and shallow	No	\$103,753	\$6,980	\$110,733	\$110,73
Role	Name	Department			% Credit		7
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			70 Credit		
N-600130-01	Grass carp removal from Lake E	, ,	No	\$341,318	\$14,381	\$355,699	\$355,69°
3/15/24 to 3/14/25	Great Lakes Fishery Commission		140	Ψ0-11,010	Ψ14,001	Ψ000,000	Ψ000,00
Role PI/PD Co-I Co-I	Name Mayer, Christine Marie Bossenbroek, Jonathan Qian, Song S.	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 50 0 50		
N-600157-01	Use of High-Resolution Data Se Installation of Nutrient Intercept	ts to Locate Sites for Restoration and tors in the Maumee Watershed (HABRI)	No	\$172,950	\$8,652	\$181,602	\$36,32
3/1/24 to 6/30/24	Ohio Department of Higher Educa	tion through Ohio State University					
Role PI/PD Co-I Co-I	<u>Name</u> Czajkowski, Kevin Paul Dwyer, Daryl Egan, Kevin	<u>Department</u> Geography and Planning, Department of Environmental Sciences, Department of Economics, Department of			<u>% Credit</u> 60 20 20		
N-600358-01	RSA (Research support agreem	·	No	\$21,500	\$2,150	\$23,650	\$23,65
5/16/24 to 5/15/25	U.S. Department of Agriculture	•		. ,	. ,	. ,	. ,
Role PI/PD	<u>Name</u> Bossenbroek, Jonathan	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
S-129172-03-S1 8/1/23 to 7/31/25	NACA: Investigating effects of a U.S. Department of Agriculture	algal toxins on plants	No	\$86,831	\$8,683	\$95,514	\$95,51
Role PI/PD Stdnt Schol	<u>Name</u> Heckathorn, Scott Alan Lewis, Abigail	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
ala Eda Oall and N	Mateu Barranah and Education Oc	ium of Department (Environmental Science	ces, Depa	rtment o Awa	ard Count: 21.46		\$4,206,390
	Vater Research and Education Ce		NI a	¢407.44F	640.744	\$500.450	\$4.00.04°
C-128627-05 7/1/23 to 6/30/25	•	thin the H2Ohio Initiative (Phase 6) FY24 urces through Ohio State University	No	\$487,415	\$48,741	\$536,156	\$160,84
Role PI/PD Co-I Co-I	Name Doro, Kennedy Okioghene Becker, Richard Bridgeman, Thomas B.	Department Environmental Sciences, Department of Environmental Sciences, Department of Lake Erie Soil and Water Research and E	ducation C	Center	% Credit 40 30 30		

10/7/2024 12:48:24PM Page 65 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	h new funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Lake Erie Soil and V	Nater Research and Education Ce	enter					
C-128757-03	Grass Carp Reproduction in La	ke Erie	No	\$106,383	\$18,166	\$124,549	\$62,275
8/14/23 to 3/9/25	U.S. Geological Survey						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Qian, Song S.	Environmental Sciences, Department			25		
PI/PD	Qian, Song S.	Lake Erie Soil and Water Research a		Center	25		
Co-PI	Mayer, Christine Marie	Environmental Sciences, Department			25		
Co-PI	Mayer, Christine Marie	Lake Erie Soil and Water Research a			25	****	
C-129438-02		duced acidification, temperature, and	No	\$19,105	\$9,648	\$28,753	\$14,377
0/4/00/1- 0/04/04	nutrients on cyanobacteria HAE		- f- f				
9/1/23 to 8/31/24		c Administration through University of Mi	cnigan		2/ 2 !!!	1	
Role	Name	<u>Department</u>	_		% Credit		
PI/PD	Spanbauer, Trisha	Environmental Sciences, Department			50		
PI/PD	Spanbauer, Trisha	Lake Erie Soil and Water Research a			50		
C-129801-02		Early Detection and Sustained Treatm		\$431,362	\$68,573	\$499,935	\$99,987
		and Source Waters in Ohio (Option Ye	ar				
4/4/04/1 40/04/04	2)						
1/1/24 to 12/31/24	U.S. Army Corps of Engineers					1	
Role	Name	<u>Department</u>			% Credit		
PI/PD	Seo, Youngwoo	Civil & Environmental Engineering, De		N 4	36		
Co-I Co-I	Bridgeman, Thomas B. Kang, Dae Wook	Lake Erie Soil and Water Research an Civil & Environmental Engineering, De		enter	20 22		
Co-I	Lapitsky, Yakov	Chemical Engineering, Department of			22 22		
Stdnt Schol		Chemical Engineering, Department of			22		
N-130176-01	Tidal Triggers and Hot-Spot Sw	itches in Coastal March	No	\$5,029	\$1,308	\$6,337	\$3,169
9/1/23 to 8/31/24	U.S. Department of Energy through		140	Ψ0,023	Ψ1,500	Ψ0,001	ψ5, 105
Role	Name	Department			% Credit		
PI/PD	Forbrich, Inke	Environmental Sciences, Department	of		<u> </u>		
PI/PD	Forbrich, Inke	Lake Erie Soil and Water Research a		:enter	50 50		
N-130245-01	COMPASS FME	Edito Ello Coll alla Water Mocdaloli al	No No	\$625,000	\$325,000	\$950,000	\$38,000
3/1/24 to 9/30/26	U.S. Department of Energy through	ch Rattelle Memorial Institute	110	Ψ020,000	Ψ020,000	Ψοσο,σσο	ψου,σου
Role	Name	Department Department			% Credit		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department	of		<u> </u>		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research a		Center	υ 4 Δ		
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department		JOI ILOI	24		
Co-I	Forbrich, Inke	Environmental Sciences, Department	of		24		
Co-I	Spanbauer, Trisha	Environmental Sciences, Department			14		
Statistician	Farrell, Regan Leigh	, ,					

Dept Award

10/7/2024 12:48:24PM Page 66 of 81

		in FY24. This report shows only new and					Dept Award
on-going projects with	h new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Lake Erie Soil and V	Water Research and Education (Center					
S-129982-01-S1	H2Ohio Wetland Monitoring: S	Sensor Infrastructure and Capacity	No	\$437,273	\$43,727	\$481,000	\$481,000
10/1/23 to 9/30/25	U.S. Environmental Protection A	gency through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and E	ducation C	enter	100		
		3um of Department (Lake Erie Soil and Wa	ater Resea	arch and Awa	ard Count: 3.04		\$859,653
Mathematics & Stat	istics, Department of						
N-130053-01	Finite rank Toeplitz products i	n several complex variables	No	\$35,000	\$7,000	\$42,000	\$42,000
9/1/23 to 8/31/28	Simons Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Le, Trieu L.	Mathematics & Statistics, Department of			100		
N-130083-01	MathCorps UToledo: Discover	your greatness (Super Saturdays)	No	\$10,120	\$1,012	\$11,132	\$11,132
6/1/23 to 5/31/24	U.S. Department of the Treasury	through The City of Toledo					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gultepe, Funda	Mathematics & Statistics, Department of			100		
Stdnt Schol Stdnt Schol							
Stdnt Schol							
N-130472-01	<u> </u>	al and Computational Frameworks for	No	\$70,687	\$32,337	\$103,024	\$103,024
		of Open Hybrid Dynamical Systems		4.0,00.	40 2,001	¥100,021	4 100,02 1
8/18/23 to 7/1/24		search through George Washington University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kalies, William	Mathematics & Statistics, Department of			100		
T-130471-02		putational Platform for Nonlinear	No	\$29,047	\$15,105	\$44,152	\$44,152
	Dynamics						
		search through Rutgers University					٦
Role	Name	Department			% Credit		
PI/PD	Kalies, William	Mathematics & Statistics, Department of			100		
		Sum of Department (Mathematics & Stati	stics, Dep	oartment Awa	ard Count: 4.00		\$200,308
	omy, Department of						
C-126958-06		rganic Semiconductors for Energy	No	\$74,419	\$37,581	\$112,000	\$112,000
0/18/23 to 10/31/24	(CHOISE) - Phase II	ugh Alliance for Sustainable Energy LLC					
Role	Name	Department			% Credit		1
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			78 Credit 100		
1. 11. 5	ran, rana	. Hydiod and Addionomy, Dopartmont of			100		J

10/7/2024 12:48:24PM Page 67 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Physics and Astrono	omy, Department of						
C-127790-03	Back-Contact Interface Engine	ering for Higher Efficiency CdTe PV	No	\$552,413	\$288,655	\$841,068	\$841,068
10/1/23 to 12/31/25	U.S. Department of Energy throu	igh Colorado State University					
Role	Name	Department			% Credit		
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		
C-127804-03	Toward Low-Cost, Efficient an	d Stable Perovskite Thin-Film Modules	No	\$670,316	\$272,898	\$943,214	\$943,214
10/1/23 to 9/30/24	U.S. Department of Energy						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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		
C-127804-03-I01	Toward Low-Cost, Efficient an	d Stable Perovskite Thin-Film Modules	No	\$657,526	\$325,475	\$983,001	\$983,001
6/10/24 to 9/30/25	U.S. Department of Energy						_
Role	<u>Name</u>	Department			% Credit		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			40		
Co-PI	Song, Zhaoning	Physics and Astronomy, Department of			15		
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of			15		
Co-I	Heben, Michael J.	Physics and Astronomy, Department of			15		
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			15		
C-128556-03	The Spitzer IRS Mapping Lega	cy Archive	No	\$46,844	\$23,656	\$70,500	\$70,500
5/1/23 to 4/30/25		Administration through University of California	a at San				
	Diego						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of			100		
C-128808-03	Perovskite PV Accelerator for	Commercial technologies (PACT)	No	\$77,077	\$38,923	\$116,000	\$116,000
11/13/23 to 9/30/25	Sandia National Laboratory throu Sandia, LLC	ugh National Technology and Engineering Sol	utions of				
Role	<u>Name</u>	<u>Department</u>			% Credit		
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		

Dept Award

10/7/2024 12:48:24PM Page 68 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	i new funds, i.e. not reported in a pr	evious fiscai year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hysics and Astrone	omy, Department of						
C-128808-03-S1	Perovskite PV Accelerator for C	ommercial technologies (PACT)	No	\$84,868	\$44,132	\$129,000	\$129,00
11/13/23 to 9/30/25	Sandia National Laboratory throug Sandia, LLC	th National Technology and Engineering Solu	utions of				
Role PI/PD	Name Heben Mishael I	Department			% Credit 10		
Co-I	Heben, Michael J. Song, Zhaoning	Physics and Astronomy, Department of Physics and Astronomy, Department of			80		
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			10		
C-129112-01-l01	Bolometric Luminosities of Coo	I Brown Dwarfs: The Key to Their	No	\$49,188	\$24,840	\$74,028	\$74,02
	Effective Temperatures and the						
4/24/24 to 8/31/25	National Aeronautics and Space A Research in Astronomy, Inc.	dministration through Association of Univers	ities for				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of			100		
C-129119-01-l01	The Vanishing Act: PAHs and He	eavy Element Abundance in M101	No	\$10,941	\$5,525	\$16,466	\$16,46
5/29/24 to 1/31/26	Association of Universities for Res	earch in Astronomy, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of			100		
C-129121-01-l01		bursts NGC 253 and M 82 and Their Cool	No	\$7,762	\$3,920	\$11,682	\$11,68
E/00/04/1 40/04/0E	Galactic Winds						
5/29/24 to 10/31/25		•			2/ 2 !!!		1
Role	Name	Department			% Credit		
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	NI.	\$407.040	100	6407 400	0407.40
C-129730-02	Spitzer	oility of Young Stellar Objects with	No	\$137,819	\$29,673	\$167,492	\$167,49
3/9/24 to 3/8/25	National Aeronautics and Space A	dministration					
Role	Name	Department			% Credit		1
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		
C-129731-02	Near-IR Spectroscopy of Protos		No	\$73,960	\$37,350	\$111,310	\$111,31
	Conditions of Planet Formation						
5/1/24 to 4/30/25	National Aeronautics and Space A	dministration					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		

Dept Award

10/7/2024 12:48:24PM Page 69 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	n ew funds, i.e. not reported in a pr	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Physics and Astrono	omy, Department of						
C-129861-01-I01	An HST Treasury of Stellar Feeb Power Sources for 50,000 Extra	eack in Action: Sizes, Structures, and galactic HII Regions administration through Association of Unive	No rsities for	\$34,964	\$17,657	\$52,621	\$52,621
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-129861-01-l02 2/28/24 to 12/31/25	Power Sources for 50,000 Extra	back in Action: Sizes, Structures, and galactic HII Regions administration through Association of Unive	No rsities for	\$34,964	\$17,657	\$52,621	\$52,621
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-129933-01-l01 6/26/24 to 1/31/25	Cluster Systems of Spiral Galax	of LMXBs Formed in the Globular	No nysical	\$24,917	\$12,583	\$37,500	\$37,500
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-129075-01-I01 11/29/23 to 6/30/25	Investigating Protostellar Accre Space Telescope Science Institute	tion Across the Mass Spectrum	No	\$24,200	\$12,221	\$36,421	\$36,421
Role PI/PD	<u>Name</u> Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-129120-01 8/1/23 to 7/31/26	The First Ever Low Metallicity P National Aeronautics and Space A Research in Astronomy, Inc.		No rsities for	\$18,028	\$9,105	\$27,133	\$27,133
Role PI/PD	<u>Name</u> Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-129123-01 11/1/23 to 10/31/26		s in Low Metallicity Starburst II Zw 40 administration through Association of Unive	No rsities for	\$15,726	\$7,942	\$23,668	\$23,668
Role PI/PD	<u>Name</u> Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-129535-01 8/1/23 to 7/31/25	PFI-TT: A new test for male ferting National Science Foundation	lity based on sperm neck structures	No	\$166,113	\$83,887	\$250,000	\$50,000
Role PI/PD Co-PI	<u>Name</u> Avidor-Reiss, Tomer Ray, Aniruddha	<u>Department</u> Biological Sciences, Department of Physics and Astronomy, Department of			<u>% Credit</u> 80 20		

10/7/2024 12:48:24PM

Dept Award

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Physics and Astron	omy, Department of						
N-129706-01	Fueling the Fire: Tracing Black	Hole Growth in Pre-Quasar Systems	No	\$68,193	\$34,437	\$102,630	\$102,630
7/15/23 to 7/14/26	National Aeronautics and Space A	Administration					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Medling, Anne Marie	Physics and Astronomy, Department of			100		
N-129758-01		n microscopy for mechanism based	No	\$300,000	\$151,500	\$451,500	\$406,350
	phenotypic drug discovery app						
8/1/23 to 7/31/26	National Institute of Biomedical In	naging & Bioengineering					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ray, Aniruddha	Physics and Astronomy, Department of	_		90		
Co-I	Kaur, Devinder	Electrical Engineering and Computer Sc	ience, Depa	rtment of	10		
Stdnt Schol							
Stdnt Schol Stdnt Schol	Koogan, Cyrus Thomas Rex Mudaliyar, Ashwini						
Stdnt Schol							
N-129760-01	Direct Tests of Black Hole Accre	etion Rate Prescriptions	No	\$419,374	\$211,785	\$631,159	\$631,159
9/1/23 to 8/31/28	National Science Foundation			4 110,01 1	4 =11,100	400 1, 100	400 1,100
Role	Name	Department			% Credit		1
PI/PD	Medling, Anne Marie	Physics and Astronomy, Department of			100		
N-129912-01		rrsting Class 0 Protostar in Orion	No	\$18,458	\$9,322	\$27,780	\$27,780
	•	Administration through Smithsonian Astroph		, ,, ,,	* - / -	, ,	, ,
	Observatory		,				
Role	Name	Department			% Credit		
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		
N-129958-01	High Performance Superstrate f	for CdTe Modules	No	\$79,331	\$32,487	\$111,818	\$111,818
10/1/23 to 12/31/24	U.S. Department of Energy through	gh Vitro Flat Glass LLC					_
Role	<u>Name</u>	Department			% Credit		
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of			50		
Co-I	Bastola, Ebin	Physics and Astronomy, Department of			50		
N-129978-01		ectrodes for Low-Cost Solar Hydrogen	No	\$199,335	\$100,664	\$299,999	\$299,999
	Fuel Production from Water Spl	litting					
10/1/23 to 3/31/25	U.S. Department of Energy						1
Role	Name	Department			% Credit		
PI/PD Co-I	Yan, Yanfa Song, Zhaoning	Physics and Astronomy, Department of Physics and Astronomy, Department of			50 50		

Dept Award

10/7/2024 12:48:24PM Page 71 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	h new funds, i.e. not reported in a	a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Physics and Astron	omy, Department of						
N-129981-01 9/1/23 to 8/31/24	Gallium Nitride (GaN) Protect Efficiency, Low cost, and Sta U.S. Department of Energy thro		No	\$57,143	\$28,857	\$86,000	\$86,000
Role PI/PD	<u>Name</u> Yan, Yanfa	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-130339-01 10/1/23 to 9/30/26	Formation Theories	ars: Observational Tests of Cluster e Administration through Association of Unive	No rsities for	\$12,833	\$6,481	\$19,314	\$19,314
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-130359-01 5/1/24 to 4/30/27	The JWST Whirlpool Galaxy National Aeronautics and Spac Research in Astronomy, Inc.	Treasury e Administration through Association of Unive	No rsities for	\$9,996	\$5,048	\$15,044	\$15,044
Role PI/PD	<u>Name</u> Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-130364-01 5/1/24 to 4/30/27	The JWST Whirlpool Galaxy National Aeronautics and Spac Research in Astronomy, Inc.	Freasury e Administration through Association of Unive	No rsities for	\$16,399	\$8,282	\$24,681	\$24,68
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-130503-01 4/1/24 to 3/31/27	Galaxies	h High-Mass Donor Stars in Nearby Spiral e Administration through Association of Unive	No rsities for	\$6,608	\$3,436	\$10,044	\$10,044
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-130508-01 11/9/23 to 10/31/24	•	Nuclear/Renewable Power Systems ough Idaho National Labs	No	\$59,801	\$31,097	\$90,898	\$22,72
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Khanna, Raghav Heben, Michael J. Javaid, Ahmad Y. Krishna Murari, FNU	Department Electrical Engineering and Computer So Physics and Astronomy, Department of Electrical Engineering and Computer So Electrical Engineering and Computer So	ience, Depa	rtment of	<u>% Credit</u> 25 25 25 25 25		

Dept Award

10/7/2024 12:48:24PM Page 72 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and

•	h new funds, i.e. not reported in a	nr FY24. This report shows only new and previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Physics and Astron	omy, Department of						
N-130603-01	New Materials for Space Power	er (NM4SP) - STAR 2	No	\$1,994,575	\$663,425	\$2,658,000	\$2,658,000
6/21/24 to 7/31/29	Air Force Research Laboratory						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of			20		
Co-I	Heben, Michael 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	Song, Zhaoning	Physics and Astronomy, Department of			16		
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			16		
R-127856-04 4/1/24 to 3/31/25	REU Site: Research Experience Astronomy at the University of National Science Foundation	es for Undergraduates in Physics and for Toledo	No	\$128,350	\$8,502	\$136,852	\$136,852
Role	Name	Department			% Credit		
PI/PD	Irving, Richard E.	Physics and Astronomy, Department of			50		
Co-PI	Khare, Sanjay V.	Physics and Astronomy, Department of			50		
		Sum of Department (Physics and Astrono	omy, Depa	rtment o Aw	vard Count: 31.35	,	\$8,408,120
		um of College (Natural Sciences & Math	ematics, (College o Aw	vard Count: 85.55		\$19,583,428

Pharmacy & Pharmaceutical Sciences, College of

This report does **not** show all projects that were active in FY24. This report shows only new and

	th new funds, i.e. not reported in a	previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Center for Drug De	sign and Development						
C-128712-02 7/1/23 to 6/30/24	Cross platform analysis of dru National Institute on Drug Abuse	ug targets and toxicity of bath salts	No	\$360,175	\$196,295	\$556,470	\$306,059
Role PI/PD Co-I Co-I	<u>Name</u> Schiefer, Isaac T. Hall, Frank Smith, Robert Erne Williams, Frederick E.	Department Center for Drug Design and Developme Pharmacology & Experimental Therape Neurosciences, Department of Pharmacology & Experimental Therape	utics, Depart		<u>% Credit</u> 55 15 15 15		
C-129157-02 4/1/24 to 3/31/25	Zebrafish Screens to Identify Synthetic Opioids National Institute on Drug Abuse	Agents which Reverse the Effects of	No	\$100,000	\$54,500	\$154,500	\$115,875
Role PI/PD Co-I	<u>Name</u> Schiefer, Isaac T. Williams, Frederick E.	<u>Department</u> Center for Drug Design and Developme Pharmacology & Experimental Therape		ment of	<u>% Credit</u> 75 25		

10/7/2024 12:48:24PM

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

n-going projects with	n new funds, i.e. not reported in a pro	evious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
		Sum of Department (Center for Drug	Design and De	evelopm Awa	ard Count: 1.30		\$421,934
	gical Chemistry, Department of						
C-127518-05	enhancement of their antigenicit		d No	\$278,612	\$140,699	\$419,311	\$230,621
1/1/24 to 12/31/24	National Institute of Allergy & Infect	tious Diseases					1
Role PI/PD Co-I Co-I	<u>Name</u> Sucheck, Steven Joseph Prestwich, Erin G. Wall, Katherine Ann	<u>Department</u> Chemistry and Biochemistry, Departm Medicinal and Biological Chemistry, D Medicinal and Biological Chemistry, D	epartment of		<u>% Credit</u> 45 17 38		
C-127518-05-I01		charide-fusion protein conjugates and	d No	\$30,957	\$15,633	\$46,590	\$25,624
5/20/24 to 12/31/24	enhancement of their antigenicit National Institute of Allergy & Infect						
Role PI/PD Co-I Co-I	Name Sucheck, Steven Joseph Prestwich, Erin G. Wall, Katherine Ann	Department Chemistry and Biochemistry, Departm Medicinal and Biological Chemistry, D Medicinal and Biological Chemistry, D	epartment of		<u>% Credit</u> 45 17 38		
C-127575-05	Cofilin Signaling in Hemorrhagic		No	\$278,330	\$109,000	\$387,330	\$387,330
4/1/24 to 3/31/25	National Institute of Neurological D				•		
Role PI/PD Co-I	<u>Name</u> Shah, Zahoor Tillekeratne, Liyanaaratchige	<u>Department</u> Medicinal and Biological Chemistry, D Medicinal and Biological Chemistry, D			<u>% Credit</u> 90 10		
C-128276-04	Metastatin Analogs for the Treat	ment of Metabolic Diseases	No	\$163,542	\$11,031	\$174,573	\$87,287
7/5/23 to 12/31/25	State University of New York Down	state Medical Center					
Role PI/PD Co-I	<u>Name</u> Erhardt, Paul W. Liu, Shi-He	<u>Department</u> Medicinal and Biological Chemistry, D Cell & Cancer Biology, Department of			<u>% Credit</u> 50 50		
C-128453-03	Functional architecture of intrac	ellular Ca2+ signals	No	\$80,168	\$43,356	\$123,524	\$123,524
12/1/23 to 11/30/24	National Institute of General Medic	al Sciences through Medical College of	Wisconsin				
Role PI/PD	<u>Name</u> Slama, James T.	<u>Department</u> Medicinal and Biological Chemistry, D	epartment of		<u>% Credit</u> 100		
C-128900-03	Novel GLT-1 activators for the tropreclinical studies	·	No	\$341,131	\$78,381	\$419,512	\$20,976
6/1/24 to 5/31/25	National Institute on Alcohol Abuse				0/ C== di4		1
Role PI/PD Co-I	<u>Name</u> Sari, Youssef Schiefer, Isaac T.	<u>Department</u> Pharmacology & Experimental Therap Medicinal and Biological Chemistry, D		ment of	<u>% Credit</u> 95 5		

Dept Award

10/7/2024 12:48:24PM Page 74 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

	th new funds, i.e. not reported in a	n FY24. This report shows only new and previous fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Awar Credit
edicinal and Riol	ogical Chemistry, Department of				<u></u>		
N-129797-01 8/2/23 to 6/30/24	Clinical and Translational Scie Catalyzing Linkagesto Equity i	nce Collaborative of Northern Ohio, n Health (CLE Health) ugh Case Western Reserve University/Case M	No ⁄ledical	\$48,978	\$27,183	\$76,161	\$15,23
Role PI/PD Co-I Co-I Co-I	Name Zhang, Jian-Ting Dworkin, Lance Pappada, Scott Michael Shah, Zahoor	Department Cell & Cancer Biology, Department of Medicine, Department of Anesthesiology, Department of Medicinal and Biological Chemistry, Depa	rtment of		% Credit 30 30 20 20		
N-130456-01 5/7/24 to 5/6/25	Skin penetration of benzalkoni Rockline Industries	um chloride	No	\$19,292	\$10,707	\$29,999	\$22,4
Role PI/PD Co-I	<u>Name</u> Prestwich, Erin G. Baki, Gabriella	<u>Department</u> Medicinal and Biological Chemistry, Depa Pharmacy Practice, Department of	rtment of		<u>% Credit</u> 75 25		
N-130507-01 7/1/23 to 6/30/24	Development of a novel anti-ca metastatic Sigma Delta Epsilon Graduate W	Ancer agent for the treatment of advanced /omen in Science Inc.	No	\$5,250	\$0	\$5,250	\$5,2
Role PI/PD	<u>Name</u> Shah, Zahoor	<u>Department</u> Medicinal and Biological Chemistry, Depa	rtment of		<u>% Credit</u> 100		
harmanalagy ⁹ E	vnorimental Therenouties, Depar	Sum of Department (Medicinal and Biolo	gical Cher	mistry, D Awa	ard Count: 5.60		\$918,34
Tarmacology & E. C-128712-02 7/1/23 to 6/30/24	xperimental Therapeutics, Depar Cross platform analysis of dru National Institute on Drug Abuse	g targets and toxicity of bath salts	No	\$360,175	\$196,295	\$556,470	\$166,94
Role PI/PD Co-I Co-I Co-I	Name Schiefer, Isaac T. Hall, Frank Smith, Robert Erne Williams, Frederick E.	Department Center for Drug Design and Development Pharmacology & Experimental Therapeut Neurosciences, Department of Pharmacology & Experimental Therapeut	ics, Depart		<u>% Credit</u> 55 15 15 15		
C-128900-03 6/1/24 to 5/31/25	Novel GLT-1 activators for the preclinical studies National Institute on Alcohol Abu	treatment of alcohol dependence:	No	\$341,131	\$78,381	\$419,512	\$398,53
Role PI/PD Co-I	Name Sari, Youssef Schiefer, Isaac T.	<u>Department</u> Pharmacology & Experimental Therapeut Medicinal and Biological Chemistry, Depa		ment of	<u>% Credit</u> 95 5		

10/7/2024 12:48:24PM Page 75 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and op-going projects with **new** funds, i.e. not reported in a previous fiscal year.

	t show all projects that were active in th new funds, i.e. not reported in a p	FY24. This report shows only new and				<u> </u>	Dept Award
n-going projects wit	in new funds, i.e. not reported in a p	revious liscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
harmacology & Ex	xperimental Therapeutics, Depart	ment of					
C-129157-02		gents which Reverse the Effects of	No	\$100,000	\$54,500	\$154,500	\$38,625
4/1/24 to 3/31/25	Synthetic Opioids						
Role	National Institute on Drug Abuse	Danastonant			0/ Cradit		1
PI/PD	<u>Name</u> Schiefer, Isaac T.	<u>Department</u> Center for Drug Design and Developmer	- +		<u>% Credit</u> 75		
Co-I	Williams, Frederick E.	Pharmacology & Experimental Therapeu		ment of	75 25		
C-129581-02		ia in the pathogenesis and therapy of	No	\$90,000	\$46,598	\$136,598	\$136,598
	Alzheimer's disease	ia in the pathogeneous and therapy of		Ψ00,000	Ψ-10,000	Ψ100,000	Ψ100,00
2/1/24 to 1/31/25	National Institute on Aging						
Role	Name	Department			% Credit		1
PI/PD	Aboualaiwi, Wissam Ali	Pharmacology & Experimental Therapeu	ıtics, Depart	ment of	100		
C-129581-02-I01	Cerebrovascular endothelial cil	ia in the pathogenesis and therapy of	No	\$10,000	\$5,177	\$15,177	\$15,17
	Alzheimer's disease						
6/21/24 to 1/31/25	National Institute on Aging						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Aboualaiwi, Wissam Ali	Pharmacology & Experimental Therapeu	ıtics, Depart	ment of	100		
		Sum of Department (Pharmacology & E	xperimenta	I Therap Awa	ard Count: 3.50		\$755,877
harmacy Practice	. Department of						
C-128897-04	Testing in vitro SPF and broad	spectrum protection	No	\$4,545	\$1,455	\$6,000	\$6,000
7/5/23 to 12/31/24				• ,-	, ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, .,
Role	Name	Department			% Credit		
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100		
C-130322-01-I01	From Bottles to Beauty: Creating	ng connections using experiential	No	\$132,891	\$67,109	\$200,000	\$50,000
	learning in plastics circularity						
5/7/24 to 2/28/27	National Institute of Standards an	d Technology					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lawrence, Joseph G.	Chemical Engineering, Department of			75		
PI/PD	Liberatore, Matthew Walter	Chemical Engineering, Department of			0.5		
Co-I	Baki, Gabriella	Pharmacy Practice, Department of	**	****	25	***]
C-130637-01-W2	Aurorium Testing		No	\$231	\$69	\$300	\$30
3/1/24 to 2/28/25	Aurorium LLC						1
		Danartmant			% Cradit		I
Role PI/PD	<u>Name</u> Baki, Gabriella	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		

10/7/2024 12:48:24PM Page 76 of 81

This report does **not** show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

on-going projects with	n new funds, i.e. not reported in a pr	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Pharmacy Practice,	Department of						
N-130195-01 11/9/23 to 11/8/24	Creating a sensory toolbox 3V Sigma USA Inc.		No	\$14,762	\$4,724	\$19,486	\$19,486
Role PI/PD	<u>Name</u> Baki, Gabriella	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		
N-130322-01	learning in plastics circularity	g connections using experiential	No	\$212,757	\$87,243	\$300,000	\$75,000
3/1/24 to 2/28/27 Role PI/PD PI/PD Co-I	National Institute of Standards and Name Lawrence, Joseph G. Liberatore, Matthew Walter Baki, Gabriella	Department Chemical Engineering, Department of Chemical Engineering, Department of Pharmacy Practice, Department of			<u>% Credit</u> 75 25		
N-130340-01-W1 4/2/24 to 4/1/25	Testing agreement for testing suprotection Sula Labs, LLC	unscreen SPF and broad spectrum	No	\$231	\$69	\$300	\$300
Role PI/PD	<u>Name</u> Baki, Gabriella	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		
N-130456-01 5/7/24 to 5/6/25	Skin penetration of benzalkoniu Rockline Industries	m chloride	No	\$19,292	\$10,707	\$29,999	\$7,500
Role PI/PD Co-I	<u>Name</u> Prestwich, Erin G. Baki, Gabriella	<u>Department</u> Medicinal and Biological Chemistry, Dep Pharmacy Practice, Department of	artment of		<u>% Credit</u> 75 25		
N-130637-01-W1 1/24/24 to 1/23/25	Aurorium Testing Aurorium LLC		No	\$231	\$69	\$300	\$300
Role PI/PD	<u>Name</u> Baki, Gabriella	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		
N-130661-01 1/1/24 to 12/31/24	2023 NYSCC Grant for Educatio New York Society of Cosmetic Ch		No	\$8,145	\$943	\$9,088	\$9,088
Role PI/PD	<u>Name</u> Baki, Gabriella	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		
N-600356-01	& Pharmaceutical Sciences Please note: forms are due 3/29		y No	\$14,000	\$0	\$14,000	\$14,000
5/1/24 to 8/31/24 Role PI/PD	U.S. Department of the Treasury to Name Seegert, Michelle Lynn	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		

Dept Award

10/7/2024 12:48:24PM Page 77 of 81

Pharmacy & Pharmaceutical Sciences, College of	f
--	---

•	show all projects that were active in high new funds, i.e. not reported in a pr	FY24. This report shows only new and revious fiscal year.	Cash?	Direct Co	ost Indirect Cost	Total Award	Dept Award Credit
Pharmacy Practice,	Department of						
T-130513-01	associated Liver Disease	n as a Therapeutic Target for Alcohol-	No	\$262,50	0 \$127,685	\$390,185	\$390,185
9/25/23 to 8/31/24	National Institute on Alcohol Abuse						_
Role PI/PD	<u>Name</u> Kumar, Virender	<u>Department</u> Pharmacy Practice, Department of			<u>% Credit</u> 100		
		Sum of Department (Pharmacy Prac	tice, Depart	ment of)	Award Count: 8.75		\$572,159
		Sum of College (Pharmacy & Pharmac	eutical Scie	nces, Co	Award Count: 19.15		\$2,668,313
on-going projects wit Counseling Center	h new funds, i.e. not reported in a pr	evious fiscal year.	Cash?	Direct Co	ost Indirect Cost	Total Award	Dept Award Credit
N-130365-01	STAR Coalition		No	\$5,00	0 \$0	\$5,000	\$5,000
8/9/23 to 6/30/24	Prevention Action Alliance						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sullivan, Latasha Christine	Counseling Center			100		
N-130495-01	STAR 2: Relationships		No	\$4,98	2 \$0	\$4,982	\$4,982
10/3/23 to 6/30/24	Ohio Department of Mental Health University	and Addiction Services through Northeast	: Ohio Medic	al 			_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sullivan, Latasha Christine	Counseling Center		00=4.04	100	****	
N-130522-01 2/6/24 to 6/30/24	Mental Health Support Grant Ohio Department of Higher Educa	tion	No	\$371,04	4 \$16,872	\$387,916	\$387,916
Role	Name	Department			% Credit		
PI/PD	Sullivan, Latasha Christine	Counseling Center			70 Credit		
<u>[: :: 2</u>		Sum of Department	(Counseling	Center)	Award Count: 3.00		\$397,898
Student Affairs							
C-129365-02	Rocket Camp		No	\$1,725,98	0 \$40,000	\$1,765,980	\$1,765,980
1/1/24 to 12/31/24	U.S. Department of Defense						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Spann, Sammy	Student Affairs			100		

10/7/2024 12:48:24PM Page 78 of 81

Sum of Department (**Student Affairs**) Award Count: **1.00**

\$1,765,980

Provost - Academic Affairs, Enrollment Services	Provost - Academic	Affairs.	Enrollment Services
--	---------------------------	----------	----------------------------

This report does not s		FY24. This report shows only new and					Dept Award
on-going projects with	n ew funds, i.e. not reported in a pr	evious fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
TRIO Student Suppo	ort Services						
C-103911-28	UT Student Support Services		No	\$264,916	\$21,193	\$286,109	\$286,10
9/1/23 to 8/31/24	U.S. Department of Education						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Brown, Kenneth J.	TRIO Student Support Services			100		
Stdnt Schol Stdnt Schol	Adeagbo, Abolade Heritage Collier, Hannah Nicole						
Stdnt Schol	Hodges, Jewel Arian						
Stdnt Schol	Khan, Iraj						
Stdnt Schol	Napler-McClendon, Jersey Ly	/ (
		Sum of Department (TRIO Stude	nt Support S	ervices) Awa	ard Count: 1.00		\$286,109
Upward Bound							
C-126194-07	Upward Bound Math & Science	Program	No	\$286,579	\$22,926	\$309,505	\$309,50
9/1/23 to 8/31/24	U.S. Department of Education	 		4	V ==,0=0	4000,000	4000,00
Role	Name	Department			% Credit		1
PI/PD	Rogers, Pamela N.	Upward Bound			100		
N-600357-01	City of Toledo Youth Programmi	ng Grant Summer 2024	No	\$38,318	\$1,682	\$40,000	\$40,000
5/1/24 to 8/31/24	U.S. Department of the Treasury th	nrough The City of Toledo					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Durham, Alisha H.	Upward Bound			100		
		Sum of Departn	nent (Upward	Bound) Awa	ard Count: 2.00		\$349,505
		Sum of College (Provost - Academic A	Affairs, Enroll	ment Se Awa	ard Count: 7.00		\$2,799,492
		5 (·				
Dulella Oafata							
Public Safety							
		FY24. This report shows only new and					Dept Award
on-going projects with	new funds, i.e. not reported in a pr	evious fiscai year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Safety and Health, C					***	4007.000	400= 004
N-130634-01	Swan Creek InStream Restoration		No	\$177,094	\$30,106	\$207,200	\$207,200
12/14/23 to 1/31/27	· · ·	Administration through Great Lakes Con	nmission		0/ 0 111		1
Role PI/PD	Name Niederkern Timethy Scott	Department Sefety and Health Office of			<u>% Credit</u> 100		
P1/PD	Niederkorn, Timothy Scott	Safety and Health, Office of					<u> </u>
		Sum of Department (Safety a	and Health, C	office of) Awa	ard Count: 1.00		\$207,200
University Police							

10/7/2024 12:48:24PM Page 79 of 81

Public Safety

This report does **not** show all projects that were active in FY24. This report shows only new and Dept Award on-going projects with **new** funds, i.e. not reported in a previous fiscal year. Credit Cash? Direct Cost Indirect Cost **Total Award University Police** N-129806-01 **Utoledo Police Retention Program** \$100,000 \$0 \$100,000 \$100,000 No 7/1/22 to 12/31/24 U.S. Department of the Treasury through Ohio Emergency Management Agency Role % Credit Name Department PI/PD University Police Newton, Jeff C. 75 25 Co-I Theis, Rodney J. University Police Sum of Department (University Police) \$100,000 Award Count: 1.00

Research & Sponsored Programs MC

This report does not show all projects that were active in FY24. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

Dept Award Cash? Direct Cost Indirect Cost **Total Award** Credit

\$307,200

Department of Lab Animal Resources

N-130231-01	Health Sciences Bioresearch I	_ab No \$	6,831,000	\$0	\$6,831,000	\$6,831,000
8/1/23 to 7/31/27	National Institute of Standards a	nd Technology				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of				
PI/PD	Root, Lisa Jane	Department of Lab Animal Resources		100		
Co-PI	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of				
		Sum of Department (Department of Lab Animal Reso	urces) Award	Count: 1.00		\$6,831,000

Sum of Department (Department of Lab Animal Resources) Award Count: 1.00

Sum of College (Public Safety) Award Count: 2.00

Research & Sponsored Programs

orca i rogiamo						
Biodesign-based learning platform fortified with clinical immersion and No \$40,000 medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering		\$3,200	\$43,200	\$4,320		
<u>Name</u>	<u>Department</u>			% Credit		
Yildirim-Ayan, Eda D.	Bioengineering, Department of			65		
Ayan, Halim	Bioengineering, Department of			10		
Cioc, Sorin	Mechanical, Industrial, and Manufacturing E	ngineerin	g, Departm	5		
Pappada, Scott Michael	Medical Services 5	•		5		
Rapino, Norman	Research & Sponsored Programs			10		
Relue, Patricia Ann	Bioengineering, Department of			5		
	Biodesign-based learning plat medical device commercializa National Institute of Biomedical I. Name Yildirim-Ayan, Eda D. Ayan, Halim Cioc, Sorin Pappada, Scott Michael Rapino, Norman	Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering Name Yildirim-Ayan, Eda D. Ayan, Halim Bioengineering, Department of Bioengineering, Department of Cioc, Sorin Cioc, Sorin Pappada, Scott Michael Rapino, Norman Bioengineering, Department of Mechanical, Industrial, and Manufacturing Education Medical Services 5 Research & Sponsored Programs	Biodesign-based learning platform fortified with clinical immersion and medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering Name Yildirim-Ayan, Eda D. Ayan, Halim Bioengineering, Department of Cioc, Sorin Mechanical, Industrial, and Manufacturing Engineering Pappada, Scott Michael Rapino, Norman Research & Sponsored Programs	Biodesign-based learning platform fortified with clinical immersion and No \$40,000 medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering Name Yildirim-Ayan, Eda D. Ayan, Halim Bioengineering, Department of Cioc, Sorin Mechanical, Industrial, and Manufacturing Engineering, Department of Medical Services 5 Rapino, Norman Research & Sponsored Programs	Biodesign-based learning platform fortified with clinical immersion and No \$40,000 medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering Name Department Yildirim-Ayan, Eda D. Bioengineering, Department of 65 Ayan, Halim Bioengineering, Department of 10 Cioc, Sorin Mechanical, Industrial, and Manufacturing Engineering, Departm 5 Pappada, Scott Michael Medical Services 5 Rapino, Norman Research & Sponsored Programs 10	Biodesign-based learning platform fortified with clinical immersion and No \$40,000 \$3,200 \$43,200 medical device commercialization pathway National Institute of Biomedical Imaging & Bioengineering Name Department 9 Credit Yildirim-Ayan, Eda D. Bioengineering, Department of 65 Ayan, Halim Bioengineering, Department of 10 Cioc, Sorin Mechanical, Industrial, and Manufacturing Engineering, Departm 5 Pappada, Scott Michael Medical Services 5 Rapino, Norman Research & Sponsored Programs 10

10/7/2024 12:48:24PM Page 80 of 81

Research & Sponsored Programs MC

	_	
This report does not show all proje	ects that were active in FY24.	This report shows only new and
on-going projects with new funds,	i.e. not reported in a previous	s fiscal year.

•	snow all projects that were active in new funds, i.e. not reported in a p	revious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Research & Sponso	red Programs						
C-128329-03	NSF I-Corps Hub: Great Lakes	Region	No	\$41,876	\$10,888	\$52,764	\$0
1/1/24 to 12/31/24	National Science Foundation thro	ugh University of Michigan					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturi	ng Engineerii	ng, Departm	100		
Dir Ctr/Inst	Rapino, Norman	Research & Sponsored Programs			0		
N-600336-01	APEX Accelerator Program		No	\$82,000	\$0	\$82,000	\$82,000
4/1/24 to 3/31/25	U.S. Department of Defense thro	ugh Ohio Department of Development					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Moore, Pamela Jean	Research & Sponsored Programs			100		
		Sum of Department (Research & S	ponsored Pr	ograms) Aw	ard Count: 1.10		\$86,320
		Sum of College (Research & Spon	sored Progra	ams MC) Awa	ard Count: 2.10		\$6,917,320

Student Affairs

This report does not show all projects that were active in FY24. This report shows only new and				
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	

on-going projects with new funds, i.e. not reported in a previous fiscal year.			<u>Cash?</u> <u>Γ</u>	Direct Cost	Indirect Cost	Total Award	Credit
Leadership UT							
N-600385-01 6/4/24 to 5/1/25	Partners in Prevention Programm Ohio Department of Higher Education	_	No	\$10,000	\$0	\$10,000	\$4,000
Role PI/PD	Name Kupresanin, Brittany Seigneur	<u>Department</u>			% Credit 60		
Co-PI	Zernechel, Alex	Leadership UT			40		
			Sum of Department (Leadershi	p UT) Aw	vard Count: 0.40		\$4,000
			Sum of College (Student A	ffairs) Aw	vard Count: 0.40		\$4,000

Dept Award

Grand Total:	Award Count: 342.00	\$72,205,368

10/7/2024 12:48:24PM Page 81 of 81