The University of Toledo Research and Sponsored Programs FY 2021 Awards By College and Department

Cash?

Direct Cost

Indirect Cost

Proposal # Public Title

Budget Period Sponsor(s)

Arts and Letters, College of

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

			00311:	Direct 003t		Total/Ward	oroun
English, Department	of						
N-127562-01-l01	Assessment, Accreditation and F	Faculty Development	No	\$9,000	\$0	\$9,000	\$0
7/1/20 to 7/31/21	Association of Public and Land Gr	ant Universities					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Schneider, Barbara J.	English, Department of			0		
PI/PD	Toole, Amy P.	Chemistry and Biochemistry, Department of			100		
Co-I	Bartell, Denise Susan	Honors Program					
		Sum of Department (Eng	lish, Depar	tment of) Awa	rd Count: 0.00		\$0
eography and Plan	ning, Department of						
C-124355-05	Support for the UT Urban Affairs	Center	No	\$36,364	\$3,636	\$40,000	\$40,000
7/1/20 to 6/30/22	Ohio Department of Higher Educa	tion					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Shetty, Sujata	Geography and Planning, Department of			100		
C-124355-05-l01	Support for the UT Urban Affairs	Center	No	\$4,545	\$455	\$5,000	\$5,000
3/31/21 to 6/30/22	Ohio Department of Higher Educa	tion					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Shetty, Sujata	Geography and Planning, Department of			100		
C-125107-06-l01		ith NASA Assets to Build Systemic	No	\$1	\$0	\$1	\$1
	Innovation in STEM Education						
1/4/21 to 12/31/21	National Aeronautics and Space A	dministration					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			80		
Co-l	Lipscomb, Glenn	Chemical Engineering, Department of			10		
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	Ν	¢070 707	10		\$ 4 5 7 000
C-125107-06-l02	Innovation in STEM Education	ith NASA Assets to Build Systemic	No	\$379,767	\$191,782	\$571,549	\$457,239
1/4/21 to 12/31/21	National Aeronautics and Space A	dministration					
Role	Name	Department			% Credit		
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		

Dept Award

Credit

Total Award

Arts and Letters, College of

nrblehead Daniel Paul Sujata Qun mallI-Box Stores in To o Sujata el, Daniel J.	e Manager Feasibility Project Department Urban Affairs Center Geography and Planning, Department of Political Science and Public Administration, D Toledo Department Geography and Planning, Department of Folitical Science and Public Administration, D Toledo Image: Department of Geography and Planning, Department of Geography and Planning, Department of Geography and Planning, Department of Geography and Planning, Department of	No Pepartment of No	\$3,182 \$2,494 \$664,451	\$318 <u>% Credit</u> 67 33 \$249 <u>% Credit</u> 100	\$3,500	\$1,15 \$2,74
nrblehead Daniel Paul Sujata Qun mallI-Box Stores in To o Sujata el, Daniel J.	Department Urban Affairs Center Geography and Planning, Department of Political Science and Public Administration, D Toledo Department Geography and Planning, Department of	epartment of No	\$2,494	<u>% Credit</u> 67 33 \$249 <u>% Credit</u> 100	\$2,743	
Daniel Paul Sujata Qun mallI-Box Stores in ⁻ o Sujata el, Daniel J.	Urban Affairs Center Geography and Planning, Department of Political Science and Public Administration, D Toledo Department Geography and Planning, Department of Geography and Planning, Department of	No		67 33 \$249 <u>% Credit</u> 100		\$2,74
Sujata Qun mallI-Box Stores in ⁻ o Sujata el, Daniel J.	Urban Affairs Center Geography and Planning, Department of Political Science and Public Administration, D Toledo Department Geography and Planning, Department of Geography and Planning, Department of	No		67 33 \$249 <u>% Credit</u> 100		\$2,74
Sujata Qun mallI-Box Stores in ⁻ o Sujata el, Daniel J.	Geography and Planning, Department of Political Science and Public Administration, D Toledo Department Geography and Planning, Department of Geography and Planning, Department of	No		33 \$249 <u>% Credit</u> 100		\$2,74
Qun mallI-Box Stores in ⁻ o Sujata el, Daniel J.	Political Science and Public Administration, D Toledo <u>Department</u> Geography and Planning, Department of Geography and Planning, Department of	No		\$249 <u>% Credit</u> 100		\$2,74
mallI-Box Stores in ⁻ o Sujata el, Daniel J.	Toledo <u>Department</u> Geography and Planning, Department of Geography and Planning, Department of	No		<u>% Credit</u> 100		\$2,74
o Sujata el, Daniel J.	<u>Department</u> Geography and Planning, Department of Geography and Planning, Department of			<u>% Credit</u> 100		\$2,74
Sujata el, Daniel J.	Geography and Planning, Department of Geography and Planning, Department of	No	¢664 454	100		
el, Daniel J.	Geography and Planning, Department of Geography and Planning, Department of	No	\$664 A54	100		
el, Daniel J.	Geography and Planning, Department of	No	¢664 451			
•		No	\$664 A51			
h: Fusing GLOBE w	ith NASA Assets to Build Systemic	No	\$664 AE1			
		NO	\$004,431	\$335,548	\$999,999	\$799,99
n STEM Education						
onautics and Space A	Administration					
	<u>Department</u>			% Credit		
wski, Kevin Paul	Geography and Planning, Department of			80		
mb, Glenn	Chemical Engineering, Department of			10		
n, Mark Arnold	Curriculum and Instruction, Department of			10		
	Sum of Department (Geography and F	Planning, Dep	artment Award	d Count: 5.73		\$1,306,13
stration, Department	of					
arblehead, OH Villag	e Manager Feasibility Project	No	\$3,182	\$318	\$3,500	
rblehead						
	<u>Department</u>			% Credit		
Daniel Paul	Urban Affairs Center			67		
	Geography and Planning, Department of			33		
	Delitical Osianas and Dublis Administration D	epartment of				
	n <i>blehead</i> , Daniel Paul Sujata	, Daniel Paul Urban Affairs Center Sujata Geography and Planning, Department of	Department , Daniel Paul Urban Affairs Center Sujata Geography and Planning, Department of	, Daniel Paul Urban Affairs Center Sujata Geography and Planning, Department of	Department% Credit, Daniel PaulUrban Affairs Center67SujataGeography and Planning, Department of33QunPolitical Science and Public Administration, Department of	Department% Credit, Daniel PaulUrban Affairs Center67SujataGeography and Planning, Department of33

Psychology, Department of

Arts and Letters, College of

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

-125299-05	Study of Early Brain Alterations the PTSD	nat Predict Development of Chronic	No	\$474,833	\$183,897	\$658,730	
/1/20 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			89		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					
Co-I	Tull, Matthew T.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of			10		
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Scienc	e, Department of	:	1		
-127070-02	Mapping treatment components t therapy	o targets in dialectical behavior	No	\$18,571	\$9,193	\$27,764	\$27,70
/1/21 to 12/31/21	National Institute of Mental Health	hrough University of Massachusetts Amherst					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gratz, Kim L.	Psychology, Department of			100		
-127569-02	Developing new strategies to inhi	hit the noceho effect	No	\$15,226	\$0	\$15,226	\$15,22

Cash?

Direct Cost

Indirect Cost

1/1/21 to 12/31/22							
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Geers, Andrew	Psychology, Department of			100		
C-127608-02	Predictors of Parents' Feeding	ng Behaviors: A Dyadic Perspective	No	\$61,761	\$16,829	\$78,590	\$78,590
9/1/20 to 8/31/22	National Institute of Child Hea	alth & Human Development					
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Tan, Cin Cin	Psychology, Department of			100		
C-127818-02	Effects of Classical Music as	s a Component of Psychotherapy for Clients	No	\$21,460	\$0	\$21,460	\$21,460
	Diagnosed with PTSD						
7/1/20 to 6/30/21	Toledo Alliance for the Perfor	ming Arts					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tull, Matthew T.	Psychology, Department of			50		
Co-I	Rose, Jason P.	Psychology, Department of			50		
N-128101-01	The Development of Eating I	Behavior in Infancy: Associations with	No	\$10,175	\$5,138	\$15,313	\$15,313
	Behavior, Diet, and Growth t	to Age 6 years					
9/30/20 to 7/31/21	National Institutes of Health th	hrough University of Michigan					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Tan, Cin Cin	Psychology, Department of			100		

<u>Dept Award</u> <u>Credit</u>

Total Award

Arts and Letters, College of

-going projects with	new funds, i.e. not reported in a previo	21. This report shows only new and ous fiscal year.	Cash2	Direct Cost	Indiract Cost	Total Award	Dept Award Credit
			Cash?	Direct Cost	Indirect Cost	Total Award	
ychology, Departn							
I-128617-01	Adolescent Anxiety in Relation to and the Family Environment	Gender Dysphoria, Nonconformity	No	\$3,000	\$0	\$3,000	\$3,0
/1/20 to 8/31/21	Psi Chi						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Francis, Sarah Elizabeth	Psychology, Department of			100		
-125299-05-S1	Study of Early Brain Alterations th PTSD	nat Predict Development of Chronic	No	\$190,088	\$103,598	\$293,686	
/28/21 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			80		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-l	Elhai, Jon D.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of			20		
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science, I	Department	of			
		Sum of Department (Psycholo	ogy, Depart	ment of) Aw	ard Count: 6.00		\$161,3
ciology and Anthr	opology, Department of						
	Toledo Tinkers		No	\$7,500	\$750	\$8,250	\$8,2
-128026-01		rvices through Imagination Station	No	\$7,500	\$750	\$8,250	\$8,2
-128026-01 /2/21 to 2/2/24	Institute of Museum and Library Se		No	\$7,500	• • • •	\$8,250	\$8,2
128026-01 2/21 to 2/2/24 Role	Institute of Museum and Library Se <u>Name</u>	Department	No	\$7,500	\$750 <u>% Credit</u> 100	\$8,250	\$8,2
-128026-01 /2/21 to 2/2/24	Institute of Museum and Library Se	Department Sociology and Anthropology, Department of			<u>% Credit</u> 100	\$8,250]
1-128026-01 /2/21 to 2/2/24 Role	Institute of Museum and Library Se <u>Name</u>	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth	hropology,	Departm Aw	<u>% Credit</u> 100 ard Count: 1.00	\$8,250	\$8,2
I-128026-01 /2/21 to 2/2/24 Role	Institute of Museum and Library Se <u>Name</u>	Department Sociology and Anthropology, Department of	hropology,	Departm Aw	<u>% Credit</u> 100	\$8,250 	\$8,2 \$8,2 \$8,2 \$1,475,7
I-128026-01 //2/21 to 2/2/24 <u>Role</u> PI/PD	Institute of Museum and Library Se <u>Name</u> Peralta, Karie Jo	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth	hropology,	Departm Aw	<u>% Credit</u> 100 ard Count: 1.00	\$8,250	\$8,2
I-128026-01 //2/21 to 2/2/24 Role PI/PD	Institute of Museum and Library Se Name Peralta, Karie Jo	Department Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and	hropology,	Departm Aw	<u>% Credit</u> 100 ard Count: 1.00	\$8,250 	\$8,2
I-128026-01 /2/21 to 2/2/24 Role PI/PD USINESS And is report does not s	Institute of Museum and Library Se Name Peralta, Karie Jo Innovation, College of show all projects that were active in FY2	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology,	Departm Aw	<u>% Credit</u> 100 ard Count: 1.00	\$8,250	\$8,2 \$1,475,7
I-128026-01 /2/21 to 2/2/24 Role PI/PD USINESS And is report does not s	Institute of Museum and Library Se Name Peralta, Karie Jo	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology,	Departm Aw	<u>% Credit</u> 100 ard Count: 1.00	\$8,250	\$8,2 \$1,475,7
I-128026-01 /2/21 to 2/2/24 Role PI/PD USINESS And is report does not s	Institute of Museum and Library Se Name Peralta, Karie Jo Innovation, College of show all projects that were active in FY2 new funds, i.e. not reported in a previo	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology, I Letters, Co	Departm Aw ollege of) Aw	<u>% Credit</u> 100 ard Count: 1.00 ard Count: 12.73		\$8,2 \$1,475,7 Dept Awar
L-128026-01 /2/21 to 2/2/24 Role PI/PD PI/PD USINESS And is report does not s going projects with	Institute of Museum and Library Se Name Peralta, Karie Jo Innovation, College of show all projects that were active in FY2 new funds, i.e. not reported in a previo	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology, I Letters, Co	Departm Aw ollege of) Aw	<u>% Credit</u> 100 ard Count: 1.00 ard Count: 12.73		\$8,2 \$1,475,7 Dept Awar
I-128026-01 /2/21 to 2/2/24 Role PI/PD USINESS And is report does not s going projects with an-Business Colle	Institute of Museum and Library Se Name Peralta, Karie Jo Innovation, College of show all projects that were active in FY: new funds, i.e. not reported in a previous	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology, I Letters, Co <u>Cash?</u>	Departm Aw ollege of) Aw	<u>% Credit</u> 100 ard Count: 1.00 ard Count: 12.73 <u>Indirect Cost</u>		\$8,2 \$1,475,7 Dept Awar <u>Credit</u>
ISINESS AND s report does not s going projects with an-Business Collect	Institute of Museum and Library Se Name Peralta, Karie Jo Innovation, College of show all projects that were active in FY: new funds, i.e. not reported in a previous ge IPA for HollieSEC	<u>Department</u> Sociology and Anthropology, Department of Sum of Department (Sociology and Anth Sum of College (Arts and 21. This report shows only new and	hropology, I Letters, Co <u>Cash?</u>	Departm Aw ollege of) Aw	<u>% Credit</u> 100 ard Count: 1.00 ard Count: 12.73 <u>Indirect Cost</u>		\$8,2 \$1,475,7 Dept Awar <u>Credit</u>

Information Operations and Technology Management

Business And Innovation, College of

This report does not show all projects that were active in FY21. 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 funds, i.e. not reported in a previous	s fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
nformation Operatio	ons and Technology Management						
N-127861-01	Digital Twin Reinforcement Learning	l Project	No	\$99,668	\$50,332	\$150,000	\$60,000
5/20/21 to 5/21/23	U.S. Department of Energy through L	awrence Livermore National Laboratory					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	McCreary, William N.	Information Operations and Technology M			40		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Scie			20		
Co-I	Khanna, Raghav	Electrical Engineering and Computer Scie	nce, Department	of	20		
Co-l	Sun, Weiqing	Engineering Technology, Department of			20		
		Sum of Department (Information O	perations and Te	echnolog Awa	rd Count: 0.40		\$60,000
Marketing & Internati							
N-128843-01	Professional Sales Initiative		No	\$50,000	\$0	\$50,000	\$5,000
1/1/21 to 12/31/21	3M Company						•
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	McKether, Willie L.	Diversity & Inclusion			90		
Co-I	Johnson, Catherine Margaret	Marketing & International Business			5		
Co-I	Pullins, Ellen M. Bolman	Marketing & International Business			5		
		Sum of Department (Marketing a	& International B	usiness) Awa	rd Count: 0.10		\$5,000
		Sum of College (Business Ar	nd Innovation, Co	ollege of) Awa	rd Count: 1.50		\$335,169
Diversity & Incl	lucion						
•	show all projects that were active in FY21.	This report shows only new and					
•	new funds, i.e. not reported in a previous					-	Dept Award
5 51 5		,	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Diversity & Inclusion							
N-128764-01	BGC Funding Pool Grant		No	\$28,800	\$0	\$28,800	\$28,800
11/1/20 to 6/30/21	JumpStart through Toledo Area Cham	ber of Commerce					
Role	Name	<u>Department</u>			<u>% Credit</u>		
					100		
PI/PD	Urrutia, Mark	Diversity & Inclusion			100		
	Urrutia, Mark MBAC Neighborhood Entrepreneurs	,	No	\$5,000	\$0	\$5,000	\$5,000
PI/PD	- 1	,	No	\$5,000		\$5,000	\$5,000
PI/PD N-128767-01	MBAC Neighborhood Entrepreneurs	,	No	\$5,000		\$5,000	\$5,000

Diversity & Inclusion

n-going projects with	new funds, i.e. not reported in a previous	s fiscal year.	Cash?	Direct C	Cost	Indirect Cost	Total Award	Dept Award Credit
Diversity & Inclusion								
N-128843-01	Professional Sales Initiative		No	\$50,0	000	\$0	\$50,000	\$45,00
1/1/21 to 12/31/21	3M Company							
Role	Name	<u>Department</u>				<u>% Credit</u>		
PI/PD	McKether, Willie L.	Diversity & Inclusion				90		
Co-I	Johnson, Catherine Margaret	Marketing & International Business				5		
Co-I	Pullins, Ellen M. Bolman	Marketing & International Business				5		
		Sum of Department	(Diversity & In	nclusion)	Awar	d Count: 2.90		\$78,8
		Sum of College	(Diversity & I	nclusion)	Awar	d Count: 2.90		\$78,8
	dith Herb College of how all projects that were active in FY21.	This report shows only new and						Dont Awar
n-going projects with	new funds, i.e. not reported in a previous	s fiscal year.	Cash?	Direct C	<u>Cost</u>	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
surriculum and instr	uction, Department of							
C-125107-06-I01	Mission Earth: Fusing GLOBE with	NASA Assets to Build Systemic	No		\$1	\$0	\$1	:
C-125107-06-l01	Mission Earth: Fusing GLOBE with N Innovation in STEM Education		No		\$1	\$0	\$1	:
C-125107-06-101	Mission Earth: Fusing GLOBE with		No		\$1		\$1	1
C-125107-06-l01	Mission Earth: Fusing GLOBE with N Innovation in STEM Education National Aeronautics and Space Admin Name	inistration Department	No		\$1	\$0 <u>% Credit</u>	\$1]
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD	Mission Earth: Fusing GLOBE with N Innovation in STEM Education National Aeronautics and Space Admin Name Czajkowski, Kevin Paul	<i>inistration</i> <u>Department</u> Geography and Planning, Department of	No		\$1	<u>% Credit</u> 80	\$1]
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I	Mission Earth: Fusing GLOBE with N Innovation in STEM Education National Aeronautics and Space Admin Name Czajkowski, Kevin Paul Lipscomb, Glenn	inistration <u>Department</u> Geography and Planning, Department of Chemical Engineering, Department of	No		\$1	<u>% Credit</u> 80 10	\$1	
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD	Mission Earth: Fusing GLOBE with N Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of	No			<u>% Credit</u> 80 10 10		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of	No	\$379,7		<u>% Credit</u> 80 10	\$1	
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I C-125107-06-I02	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education	inistration <u>Department</u> Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic				<u>% Credit</u> 80 10 10		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I C-125107-06-I02	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M	inistration <u>Department</u> Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic				<u>% Credit</u> 80 10 10		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I C-125107-06-I02	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department				<u>% Credit</u> 80 10 10		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of				<u>% Credit</u> 80 10 10 \$191,782		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of Chemical Engineering, Department of				<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u>		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role PI/PD	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of				<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u> 80		
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I Co-I	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of Chemical Engineering, Department of Chemical Engineering, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of			767	<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u> 80 10		\$57,1
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I Co-I Co-I	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of Chemical Engineering, Department of Chemical Engineering, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of	No	\$379,7	767	<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u> 80 10 10	\$571,549	\$57,1
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I Co-I Co-I Co-I	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Northwest Ohio High Schools That M	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of Chemical Engineering, Department of Chemical Engineering, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of	No	\$379,7	767	<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u> 80 10 10 10 \$20,163	\$571,549	\$57,1
C-125107-06-I01 1/4/21 to 12/31/21 Role PI/PD Co-I Co-I C-125107-06-I02 1/4/21 to 12/31/21 Role PI/PD Co-I Co	Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Mission Earth: Fusing GLOBE with M Innovation in STEM Education National Aeronautics and Space Admi Name Czajkowski, Kevin Paul Lipscomb, Glenn Templin, Mark Arnold Northwest Ohio High Schools That M Ohio Department of Education	inistration Department Geography and Planning, Department of Chemical Engineering, Department of Curriculum and Instruction, Department of NASA Assets to Build Systemic inistration Department Geography and Planning, Department of Chemical Engineering, Departm	No	\$379,7	767	<u>% Credit</u> 80 10 10 \$191,782 <u>% Credit</u> 80 10 10	\$571,549	\$57,1 \$423,4

Education - Judith Herb College of

-going projects with	new funds, i.e. not reported in a previ	ous fiscal year.	Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Credit
				<u>B#000000000</u>	<u></u>		<u></u>
irriculum and Instr	uction, Department of						
I-128199-01	NURTURING STEM in Early Child	hood for Military Connected Families	No	\$2,339,654	\$660,346	\$3,000,000	\$150,00
/15/20 to 9/14/23	Office of Naval Research						
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Czerniak, Charlene M.	Administration, College of Engineering			90		
Co-I	Hapgood, Susanna	Curriculum and Instruction, Department of			5		
Co-I	Molitor, Scott C.	Bioengineering, Department of			5		
-125107-06	-	h NASA Assets to Build Systemic	No	\$664,451	\$335,548	\$999,999	\$100,0
	Innovation in STEM Education						
/4/21 to 12/31/21	National Aeronautics and Space A	Iministration					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			80		
Co-l	Lipscomb, Glenn	Chemical Engineering, Department of			10		
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of			10		
-126554-04	Tech Prep Pathways Grant		No	\$440,992	\$0	\$440,992	\$440,9
/1/20 to 6/30/21	Ohio Department of Education						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wilson, Kathy S.	Curriculum and Instruction, Department of			96		
Co-I	Landversicht, Eric D.	Curriculum and Instruction, Department of			4		
		Sum of Department (Curriculum and Inst	truction, D	epartme Awa	rd Count: 2.35		\$1,171,5
an-Education							
an Eddoution							
	Ohio Innovations GrantP-16 Pat	hways of Promise (P3)	No				
-126496-02		hways of Promise (P3) ion through Bowling Green State University	No				
C-126496-02 7/1/19 to 6/30/21 Role		,	No		% Credit		
C-126496-02 //1/19 to 6/30/21	Ohio Department of Higher Educat	ion through Bowling Green State University Department			<u>% Credit</u>		
C-126496-02 //1/19 to 6/30/21 Role	Ohio Department of Higher Educat <u>Name</u>	ion through Bowling Green State University			<u>% Credit</u> 100		
-126496-02 /1/19 to 6/30/21 Role PI/PD PI/PD	Ohio Department of Higher Educat <u>Name</u> Romer, Terence G.	ion through Bowling Green State University Department Med Microbiology & Immunology, Department of Dean-Education		\$(50,116)		\$(50,116)	\$(50,1
C-126496-02 7/1/19 to 6/30/21 Role PI/PD	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pat	ion through Bowling Green State University <u>Department</u> Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3)		\$(50,116)	100	\$(50,116)	\$(50,1
C-126496-02 //1/19 to 6/30/21 Role PI/PD PI/PD PI/PD C-126496-02 S/16/21 to 6/30/21	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pat Ohio Department of Higher Educat	ion through Bowling Green State University <u>Department</u> Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3) ion through Bowling Green State University		\$(50,116)	100 \$0	\$(50,116)	\$(50,1
-126496-02 /1/19 to 6/30/21 Role PI/PD PI/PD -126496-02 /16/21 to 6/30/21 Role	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pat Ohio Department of Higher Educat Name	ion through Bowling Green State University <u>Department</u> Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3)		\$(50,116)	100	\$(50,116)	\$(50,1
C-126496-02 //1/19 to 6/30/21 Role PI/PD PI/PD D-126496-02 /16/21 to 6/30/21 Role PI/PD	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pat Ohio Department of Higher Educat Name Witte, Raymond	ion through Bowling Green State University Department Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3) ion through Bowling Green State University Department Department Department Department Department Department Dean-Education			100 \$0 <u>% Credit</u> 100		
-126496-02 /1/19 to 6/30/21 Role PI/PD PI/PD -126496-02 /16/21 to 6/30/21 Role PI/PD -129102-01	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pat Ohio Department of Higher Educat Name Witte, Raymond	ion through Bowling Green State University Department Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3) ion through Bowling Green State University Department Department Department Bowling Green State University Department Dean-Education	No	\$(50,116) \$17,388	100 \$0 <u>% Credit</u>	\$(50,116) \$19,996	
C-126496-02 ////9 to 6/30/21 Role PI/PD PI/PD 0-126496-02 /16/21 to 6/30/21 Role PI/PD I-129102-01	Ohio Department of Higher Educat Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pate Ohio Department of Higher Educat Name Witte, Raymond Psychometric Investigation of Term	ion through Bowling Green State University Department Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3) ion through Bowling Green State University Department Department Department Bowling Green State University Department Dean-Education	No		100 \$0 <u>% Credit</u> 100		
C-126496-02 //1/19 to 6/30/21 Role PI/PD PI/PD D-126496-02 /16/21 to 6/30/21 Role PI/PD J-129102-01 //17/21 to 8/31/21	Ohio Department of Higher Educate Name Romer, Terence G. Witte, Raymond Ohio Innovations GrantP-16 Pate Ohio Department of Higher Educate Name Witte, Raymond Psychometric Investigation of Tere Chan Zuckerberg Initiative through	ion through Bowling Green State University Department Med Microbiology & Immunology, Department of Dean-Education hways of Promise (P3) ion through Bowling Green State University Department Dean-Education acher Beliefs and Practices Survey Harvard University	No		100 \$0 <u>% Credit</u> 100 \$2,608		\$(50,1 \$9,9

Early Childhood, Physical, and Special Education

Education - Judith Herb College of

This report does not show all projects that were active in FY21. 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 funds, i.e. not reported in a previo	bus fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Early Childhood, Phys	sical, and Special Education						
C-125940-05 1/1/21 to 12/31/21	Project Open House-Better Child Developmental Disabilities Administration for Children and Far Council	Care for the Student with nilies through Ohio Developmental Disabilities Plann	No	\$45,453	\$4,545	\$49,998	\$49,998
<u>Role</u> PI/PD Co-I	<u>Name</u> Dinnebeil, Laurie A. McInerney, William F.	<u>Department</u> Early Childhood, Physical, and Special Educat Early Childhood, Physical, and Special Educat			<u>% Credit</u> 50 50		
C-127201-03	Great Start Higher Education (GS	IE)	No	\$138,889	\$11,111	\$150,000	\$150,000
11/1/20 to 10/31/21	U.S. Department of Education						
<u>Role</u> PI/PD Co-I	<u>Name</u> Dinnebeil, Laurie A. McInerney, William F.	<u>Department</u> Early Childhood, Physical, and Special Educat Early Childhood, Physical, and Special Educat			<u>% Credit</u> 100		
C-127788-02 10/1/20 to 9/30/21	Project Prepare U.S. Department of Education		No	\$229,301	\$18,344	\$247,645	\$123,823
<u>Role</u> PI/PD Co-I	<u>Name</u> Dinnebeil, Laurie A. Metz, Alexia E.	<u>Department</u> Early Childhood, Physical, and Special Educat Occupational Therapy Program	ion		<u>% Credit</u> 50 50		
N-128324-01	Ohio School Leaders Professiona	I Development Grant	No	\$45,455	\$4,545	\$50,000	\$50,000
1/1/21 to 6/30/21	U.S. Department of Education throu	igh Ohio Department of Education					
<u>Role</u> PI/PD	<u>Name</u> Dinnebeil, Laurie A.	<u>Department</u> Early Childhood, Physical, and Special Educat	ion		<u>% Credit</u> 100		
R-106314-22	CTE Teacher Preparation and Ret	ention	No	\$95,238	\$4,762	\$100,000	\$100,000
7/1/20 to 6/30/21	U.S. Department of Education throu	igh Ohio Department of Education					
<u>Role</u> PI/PD	<u>Name</u> Landversicht, Eric D.	<u>Department</u> Early Childhood, Physical, and Special Educat	ion		<u>% Credit</u> 100		
	and and an dample	Sum of Department (Early Childhood,	Physical, and	d Specia Awar	d Count: 4.50		\$473,821
Educational Foundati	•	shar Deliafa and Dreations Current	Na	¢47.000	¢0.000	¢10.000	¢0.000
N-129102-01 5/17/21 to 8/31/21	Chan Zuckerberg Initiative through	cher Beliefs and Practices Survey Harvard University	No	\$17,388	\$2,608	\$19,996	\$9,998
Role	Name	Department			% Credit		
PI/PD Co-I	Toland, Michael Kumar, Revathy	Dean-Education Educational Foundations and Leadership			50 50		
	-	Sum of Department (Educational Foun	dations and	Leaders Awar	d Count: 0.50		\$9,998

Sum of College (Education - Judith Herb College of) Award Count: 9.85

\$1,615,272

<u>Dept Award</u> <u>Credit</u>

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on-going projects with new funds, i.e. not reported in a previous	fiscal year.

Administration, Colleg	<u> </u>						
N-128199-01	NURTURING STEM in Early Child	hood for Military Connected Families	No	\$2,339,654	\$660,346	\$3,000,000	\$2,700,000
9/15/20 to 9/14/23	Office of Naval Research						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czerniak, Charlene M.	Administration, College of Engineering			90		
Co-I	Hapgood, Susanna	Curriculum and Instruction, Department of			5		
Co-I	Molitor, Scott C.	Bioengineering, Department of			5		
		Sum of Department (Administration, Col	llege of Eng	gineering Award	Count: 0.90		\$2,700,000
Bioengineering, Depar	rtment of						
C-124228-07	Phase II IUCRC The University of		No	\$75,472	\$24,528	\$100,000	\$100,000
	Musculoskeletal Innovations (CD	MI)					
12/15/20 to 12/14/21	National Science Foundation						_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
C-126326-04	Choose Ohio First		No	\$879,548	\$0	\$879,548	\$879,548
7/1/20 to 6/30/21	Ohio Department of Higher Educat	tion					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Molitor, Scott C.	Bioengineering, Department of			100		
C-126328-04	Choose Ohio First		No	\$17,930	\$0	\$17,930	\$17,930
7/1/20 to 6/30/21	Ohio Department of Higher Educat	tion					-
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Molitor, Scott C.	Bioengineering, Department of			100		
N-127707-01		m fortified with clinical immersion and	No	\$40,000	\$3,200	\$43,200	\$34,560
	medical device commercialization	n pathway					
8/17/20 to 7/31/21	National Institutes of Health						-
Role	Name	Department			<u>% Credit</u>		
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of			65		
Co-I	Ayan, Halim	Bioengineering, Department of			10		
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing Engi	neering, De	partment of	5		
Co-I	Pappada, Scott Michael	Medical Services 5			5		
Co-I	Rapino, Norman	Research & Sponsored Programs			10		
Co-l	Relue, Patricia Ann	Bioengineering, Department of			5		
N-128199-01	NURTURING STEM in Early Child	hood for Military Connected Families	No	\$2,339,654	\$660,346	\$3,000,000	\$150,000
9/15/20 to 9/14/23	Office of Naval Research						-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Czerniak, Charlene M.	Administration, College of Engineering			90		
Co-l	Hapgood, Susanna	Curriculum and Instruction, Department of			5		
Co-I	Molitor, Scott C.	Bioengineering, Department of			5		

Dept Award

<u>Credit</u>

Total Award

Indirect Cost

Cash?

Direct Cost

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Cash?	Direct Cost	Indirect Cost	Total Award
Casili	Direct Cost	Indirect Cost	<u>Total Awaru</u>

Dept Award Credit

N-128348-01	TNBC	f Non-Apoptotic Cell Death to Target	No	\$999,942	\$422,817	\$1,422,759	\$42,683
1/1/21 to 12/31/23	U.S. Department of Defense						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, Depart	tment of		88		
Co-I	Gunning, William T.	Pathology, Department of			3		
Co-I	Khuder, Sadik	Medicine, Department of			3		
Co-I	Raman, Dayanidhi	Cancer Biology, Department of			3		
Co-I	Tang, Yuan	Bioengineering, Department of			3		
N-129063-01	SONIC: Sensor Operations via Na	aturalistic Interactive Control	No	\$16,611	\$8,389	\$25,000	\$25,000
4/1/21 to 9/30/21	U.S. Air Force through Aptima, Inc						
Role	Name	Department			% Credit		
PI/PD	Cameron, Brent D.	Bioengineering, Department of			100		
N-129089-01	NSF ICORPS: Biomimetic Engine	ered Space Technology (BEST)	No	\$45,000	\$5,000	\$50,000	\$50,000
	Platform			. ,	. ,		
6/1/21 to 11/30/21	National Science Foundation						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of			100		
S-124228-06-S2	INTERN: Engineering Based Solu	tions for the Surgical Treatment of	No	\$43,500	\$11,310	\$54,810	\$54,810
	Spinal Imbalance/Deformity in Os	-		. ,	. ,		. ,
7/1/20 to 6/30/21	National Science Foundation	·					
Role	Name	Department			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
S-124228-06-S3	INTERN: Reverse Shoulder Joint		No	\$43,500	\$11,310	\$54,810	\$54,810
		nd durability of Reverse Total Shoulder		<i>↓10,000</i>	• • • • • • •	v e ije ie	ψο i,o i o
	Arthroplasty (rTSA) devices						
7/1/20 to 6/30/21	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
S-124228-06-W10	Phase II IUCRC The University of		No	\$36,364	\$3,636	\$40,000	\$40,000
0 124220-00-00 10	Musculoskeletal Innovations (CD		110	ψ00,00 1	φ0,000	Ψ-0,000	φ-τ0,000
1/1/21 to 12/31/21	Rosies Base, Inc.						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
	Guei, vijay N.	Diochgineening, Department of			100		

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on-going projects with new funds, i.e. not reported in a previous fiscal year.	

on-going projects with I	ing projects with new funds, i.e. not reported in a previous fiscal year.		Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Bioengineering, Depa	rtment of						
S-124228-06-W5 8/1/20 to 12/31/21	Phase II IUCRC The University of Musculoskeletal Innovations (CD Spinal Solution Technologies	•	No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
S-124228-06-W6	Phase II IUCRC The University of Musculoskeletal Innovations (CD National Science Foundation throu		No	\$22,748	\$2,275	\$25,023	\$25,023
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
S-124228-06-W7 11/1/20 to 12/31/21	Phase II IUCRC The University of Musculoskeletal Innovations (CD Spider Spine	•	No	\$18,182	\$1,818	\$20,000	\$20,000
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
S-124228-06-W8	Phase II IUCRC The University of Musculoskeletal Innovations (CD Spider Spine	•	No	\$4,545	\$455	\$5,000	\$5,000
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
S-124228-06-W9 8/1/20 to 12/31/21	Phase II IUCRC The University of Musculoskeletal Innovations (CD Spinal Solution Technologies	-	No	\$15,094	\$4,906	\$20,000	\$20,000
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
Chemical Engineering	Dopartment of	Sum of Department (Bioengir	eering, Depart	ment of) Awar	rd Count: 13.88		\$1,539,364
C-125107-06-I01	· •	th NASA Assets to Build Systemic	No	\$1	\$0	\$1	\$0
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		

Dept Award

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	<u> </u>	<u>aon.</u>	Direct Cool	<u></u>	Total / Wald	<u></u>
, Department of						
-	s to Build Systemic	No	\$379,767	\$191,782	\$571,549	\$57,15
National Aeronautics and Space Administration						
Name Departm	ent			% Credit		
				80		
				10		
· ·	paration	No	\$14,268	\$7,062	\$21,330	\$21,33
•	Engineering, Department of			100		
		Na	¢ c 7 4 7	¢0.045	¢0.500	¢0 50
• • •	paration	NO	\$5,747	\$ 2,845	\$8,59Z	\$8,592
	soc I Inivs					
· · · · · · ·				% Credit		
	Engineering, Department er			100		
	paration	No	\$2,155	\$1,067	\$3,222	\$3,222
ModulesSubproject No. 03						
U.S. Department of Energy through Oak Ridge As	soc Univs					
Name Departm	ent .			<u>% Credit</u>		
	l Engineering, Department of			100		
• • •	paration	No	\$10,799	\$5,345	\$16,144	\$16,144
• •						
, , , ,						
	Engineering, Department of			100		
	ahad	Na	¢47 747	¢7.075	¢24.002	\$19,994
	Sileu	NO	\$17,717	\$1,215	\$24,552	\$19,99 ²
				0/ O I''		
	Wironmontal Engineering Lionartment of					
Seo, Youngwoo Civil & E Griffin, Michael Dwayne	nvironmental Engineering, Department of			20		
	Mission Earth: Fusing GLOBE with NASA Asset Innovation in STEM Education National Aeronautics and Space Administration Name Departmet Czajkowski, Kevin Paul Geograph Lipscomb, Glenn Chemical Templin, Mark Arnold Curriculu High Fidelity Simulations of Membrane Gas Sep ModulesSubproject No. 03 U.S. Department of Energy through Oak Ridge As Name Lipscomb, Glenn Chemical Etiendem, Atabong Fontem High Fidelity Simulations of Membrane Gas Sep ModulesSubproject No. 03 U.S. Department of Energy through Oak Ridge As Name Departmet Lipscomb, Glenn Chemical Etiendem, Atabong Fontem Chemical High Fidelity Simulations of Membrane Gas Sep ModulesSubproject No. 03 U.S. Department of Energy through Oak Ridge As Name Lipscomb, Glenn Chemical Etiendem, Atabong Fontem Departmet High Fidelity Simulations of Membrane Gas Sep ModulesSubproject No. 03 U.S. Department of Energy through Oak Ridge As Name Lipscomb, Glenn Chemical Etiendem, Atabong Fontem Chemical	A Department of Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education National Aeronautics and Space Administration Name Department Czajkowski, Kevin Paul Geography and Planning, Department of Lipscomb, Glenn Templin, Mark Arnold Curriculum and Instruction, Department of High Fidelity Simulations of Membrare Gas Separation ModulesSubproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs Name Department Lipscomb, Glenn Chemical Engineering, Department of Etiendem, Atabong Fontem High Fidelity Simulations of Membrare Gas Separation ModulesSubproject No. 03 Department U.S. Department of Energy through Oak Ridge Assoc Univs Name Name Department Lipscomb, Glenn Chemical Engineering, Department of Etiendem, Atabong Fontem High Fidelity Simulations of Membrare Gas Separation ModulesSubproject No. 03 U.S. Department of Etiendem, Atabong Fontem High Fidelity Simulations of Membrare Gas Separation Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs Name Department Lipscomb, Glenn Chemical Engineering, Department of Etiendem, Atabong Fontem High Fidelity Simulations of Membrare Gas Separation Modules-Subproject No. 03 <	in the second	i, Department of No \$379,767 Mission Earth: Fusing GLOBE with NASA Assets to Build Systemic Innovation in STEM Education No \$379,767 National Aeronautics and Space Administration Department Starth \$379,767 National Aeronautics and Space Administration Department of Starth \$379,767 National Aeronautics and Space Administration Department of Starth \$379,767 National Aeronautics and Space Administration Department of Starth \$379,767 National Aeronautics and Space Administration Department of Starth \$379,767 National Aeronautics and Space Administration Department of Starth \$379,767 National Aeronautics and Space Administration Chemical Engineering, Department of No \$14,268 Modules-Subproject No. 03 US. Department of Energy through Oak Ridge Assoc Univs No \$5,747 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$10,799	No \$379,767 \$191,782 Innovation in STEM Education No \$379,767 \$191,782 Innovation in STEM Education Department % Credit National Aeronautics and Space Administration 80 \$379,767 \$191,782 National Aeronautics and Space Administration Boat 80 80 Name Department of 80 10 Lipscomb, Glenn Chemical Engineering, Department of 10 10 High Fidelity Simulations of Membrane Gas Separation No \$14,268 \$7,062 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$14,268 \$7,062 Name Department Credit 100 10 High Fidelity Simulations of Membrane Gas Separation No \$5,747 \$2,845 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$5,747 \$2,845 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 \$1,067 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 \$1,067 <td>Department of No \$379,767 \$191,782 \$571,549 Innovation in STEM Education Name Department \$571,549 \$571,549 National Acconsults and Space Administration Name Department \$6 Credit \$80 Valtional Acconsults Department 6 Credit 80 10 Czajkowski, Kevin Paul Geography and Planning, Department of 10 10 Templin, Mark Arnold Curriculum and Instruction, Department of 10 10 High Fidelity Simulations of Membrane Gas Separation No \$14,268 \$7,0662 \$21,330 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs Name Department 100 10 High Fidelity Simulations of Membrane Gas Separation No \$5,747 \$2,845 \$8,592 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs 100 100 100 Lipscomb, Glenn Chemical Engineering, Department of Energy through Oak Ridge Assoc Univs 100 100 100 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 \$1,067 \$3,222</td>	Department of No \$379,767 \$191,782 \$571,549 Innovation in STEM Education Name Department \$571,549 \$571,549 National Acconsults and Space Administration Name Department \$6 Credit \$80 Valtional Acconsults Department 6 Credit 80 10 Czajkowski, Kevin Paul Geography and Planning, Department of 10 10 Templin, Mark Arnold Curriculum and Instruction, Department of 10 10 High Fidelity Simulations of Membrane Gas Separation No \$14,268 \$7,0662 \$21,330 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs Name Department 100 10 High Fidelity Simulations of Membrane Gas Separation No \$5,747 \$2,845 \$8,592 Modules-Subproject No. 03 U.S. Department of Energy through Oak Ridge Assoc Univs 100 100 100 Lipscomb, Glenn Chemical Engineering, Department of Energy through Oak Ridge Assoc Univs 100 100 100 U.S. Department of Energy through Oak Ridge Assoc Univs No \$2,155 \$1,067 \$3,222

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

	low all projects that were active in FY2 [·] new funds, i.e. not reported in a previou					<u> </u>	Dept Award
	iew lunds, i.e. not reported in a previot		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hemical Engineering	, Department of						
N-128197-01	Testing Meadowfoam Seed Oil as a	pigment dispersing agent	No	\$6,515	\$3,485	\$10,000	\$1,000
7/1/20 to 12/31/20	Natural Plant Products, Inc.						
<u>Role</u>	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			90		
Co-I	Liberatore, Matthew Walter	Chemical Engineering, Department of			10		
N-128296-01	I-Corps: A Super-Sensitve Real-Tim	e Sensor for Reactive Oxygen	No	\$45,000	\$5,000	\$50,000	\$50,000
0/4/00 to 10/01/01	Species (ROS) National Science Foundation						
8/1/20 to 12/31/21		Dementers and			0/ One dit		1
Role PI/PD	<u>Name</u> Kim Dong Shik	Department Chamical Engineering Department of			<u>% Credit</u> 100		
Stdnt Schol	Kim, Dong Shik Farrell, Eveline J.	Chemical Engineering, Department of			100		
N-128304-01		ntal demand of interactive textbooks	No	\$132,722	\$67,278	\$200,000	\$60,00
	using wearables and web analytics			•••=,•==	v or, <u>-</u> ro	<i>4</i> _00,000	<i>vcc,cc</i>
9/1/20 to 8/31/22	National Science Foundation						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science	e, Department	of	70		
Co-PI	Liberatore, Matthew Walter	Chemical Engineering, Department of			30		
Stdnt Schol	Crockett, Breanne Marie						
Stdnt Schol	Hilsabeck, Tanner Vaughn						
N-128377-01	Natural Gas/Direct Air Capture Hyb	rid Plant	No	\$125,444	\$63,349	\$188,793	\$188,793
1/1/21 to 3/31/22	U.S. Department of Energy through	University of Pittsburgh					1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of			100		
N-128563-01	NSF I-Corps Injectable Gel for Bone	e Healing	No	\$45,454	\$4,546	\$50,000	\$50,000
3/15/20 to 12/31/21	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of			100		
N-128754-01	OSGC SICHOP Grant: Biomimetic	Composite Scaffold for Ligament	No	\$5,000	\$0	\$5,000	\$5,000
	Reconstructions						
11/1/20 to 10/31/21	Ohio Space Grant Consortium						1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of			100		
Stdnt Schol	Hamil, Taijah Marie]
N-128996-01	Modular Designs for New Facilitate	d Transport Membranes in Olefin	No	\$83,048	\$41,939	\$124,987	\$124,987
0/19/01 to 0/20/01	Production	Mamarial Institute					
2/18/21 to 9/30/21	Idaho National Labs through Battelle						1
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of			100		

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N-129057-01	Spacesuit Water Membrane Evap and Data Evaluation	orator (SWME) Model Development	No	\$35,296	\$17,824	\$53,120	\$53,120
6/16/21 to 10/16/22	National Aeronautics and Space Ac Inc.	dministration through Analytical Mechanics Associates ,					
<u>Role</u>	Name	<u>Department</u>			% Credit		
PI/PD	Lipscomb, Glenn	Chemical Engineering, Department of			100		
R-125107-06	-	th NASA Assets to Build Systemic	No	\$664,451	\$335,548	\$999,999	\$100,00
1/4/21 to 12/31/21	Innovation in STEM Education National Aeronautics and Space Ad	dministration					
Role	Name	Department			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			80		
Co-I	Lipscomb, Glenn	Chemical Engineering, Department of			10		
Co-l	Templin, Mark Arnold	Curriculum and Instruction, Department of			10		
S-126633-01-S2	•	tion of Nano-Cerium Oxide Composites	No	\$43,600	\$11,336	\$54,936	\$54,93
	with Hydroxyl Radicals		no		• • • • • • • • • • • • • • • • • • •	ţe ijeee	4 0 1,00
7/1/18 to 12/31/21	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Kim, Dong Shik	Chemical Engineering, Department of			100		
		Sum of Department (Chemical Engineering	. Depart	ment of) Award	Count: 12.50		\$814,27
			, • • • • •	,			Ψ 01 4 ,27
	I Engineering, Department of						
N-128102-01	Wet Wipes That Turn into Toilet P	aper When Flushed	No	\$17,717	\$7,275	\$24,992	\$4,99
N-128102-01 12/1/20 to 11/30/21		aper When Flushed				\$24,992	
N-128102-01 12/1/20 to 11/30/21 Role	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age <u>Name</u>	aper When Flushed ncy Department				\$24,992	· · ·
N-128102-01 12/1/20 to 11/30/21 Role PI/PD	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age <u>Name</u> Lapitsky, Yakov	aper When Flushed ncy Department Chemical Engineering, Department of			\$7,275 <u>% Credit</u> 80	\$24,992	· · ·
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age <u>Name</u> Lapitsky, Yakov Seo, Youngwoo	aper When Flushed ncy Department			\$7,275 <u>% Credit</u>	\$24,992	
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age <u>Name</u> Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne	aper When Flushed ncy Department Chemical Engineering, Department of			\$7,275 <u>% Credit</u> 80	\$24,992	
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of	No	\$17,717	\$7,275 <u>% Credit</u> 80 20		\$4,99
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Name Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of bers for a Cleaner Toledo			\$7,275 <u>% Credit</u> 80	\$24,992 \$45,118	\$4,99
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo	No	\$17,717	\$7,275 <u>% Credit</u> 80 20 \$15,139		\$4,99
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of pers for a Cleaner Toledo ncy through City of Toledo Department	No	\$17,717	\$7,275 <u>% Credit</u> 80 20 \$15,139 <u>% Credit</u>		\$4,99
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role PI/PD	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name Apul, Defne	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo Department Civil & Environmental Engineering, Department of	No	\$17,717	\$7,275 <u>% Credit</u> 80 20 \$15,139		\$4,99
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role PI/PD Stdnt Schol	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Name Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name Apul, Defne Eidt, Ethan Andrew	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of	No	\$17,717 \$29,979	\$7,275 <u>% Credit</u> 80 20 \$15,139 <u>% Credit</u> 100	\$45,118	\$4,99 \$45,11
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role PI/PD Stdnt Schol N-128313-01	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Name Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name Apul, Defne Eidt, Ethan Andrew	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of ment Concept	No	\$17,717	\$7,275 <u>% Credit</u> 80 20 \$15,139 <u>% Credit</u>		\$4,99 \$45,11
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role PI/PD Stdnt Schol N-128313-01 10/1/20 to 9/30/21	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name Apul, Defne Eidt, Ethan Andrew Evaluation of the Perpetual Paver U.S. Department of Transportation	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of nent Concept through Ohio University	No	\$17,717 \$29,979	\$7,275 <u>% Credit</u> 80 20 \$15,139 <u>% Credit</u> 100 \$7,253	\$45,118	
N-128102-01 12/1/20 to 11/30/21 Role PI/PD Co-I Stdnt Schol Stdnt Schol N-128250-01 10/1/20 to 10/30/22 Role PI/PD Stdnt Schol N-128313-01	Wet Wipes That Turn into Toilet P U.S. Environmental Protection Age Name Lapitsky, Yakov Seo, Youngwoo Griffin, Michael Dwayne Kendall, Reece Calvin Functional Litter-acy: Trash Trapp U.S. Environmental Protection Age Name Apul, Defne Eidt, Ethan Andrew	aper When Flushed ncy Department Chemical Engineering, Department of Civil & Environmental Engineering, Department of Ders for a Cleaner Toledo ncy through City of Toledo Department Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of Civil & Environmental Engineering, Department of ment Concept	No	\$17,717 \$29,979	\$7,275 <u>% Credit</u> 80 20 \$15,139 <u>% Credit</u> 100	\$45,118	\$4,99 \$45,11

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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n-going projects with r	new funds, i.e. not reported in a previo	us fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
vil & Environmental	Engineering, Department of						
N-128555-01 3/22/21 to 3/31/22	Active Early Detection and Diagno Treatment Strategies U.S. Army Corps of Engineers	sis of HABs with Scalable Biological	No	\$450,699	\$56,815	\$507,514	\$355,20
Role PI/PD Co-I Co-I	<u>Name</u> Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook	<u>Department</u> Civil & Environmental Engineering, Department o Lake Erie Soil and Water Research and Educatio Civil & Environmental Engineering, Department o	n Center		<u>% Credit</u> 40 30 30		
N-128558-01	Data Management statement - SAF		No	\$167,915	\$21,979	\$189,894	\$18,9
7/1/20 to 6/30/21	Ohio Environmental Protection Ager						
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Chattopadhyay, Saurabh Chakravarti, Ritu Kang, Dae Wook Taylor, Roger Travis	Department Med Microbiology & Immunology, Department of Physiology & Pharmacology, Department of Civil & Environmental Engineering, Department o Med Microbiology & Immunology, Department of	f		<u>% Credit</u> 90 10 0		
I-128558-01-l01	Data Management statement - SAF	RS-CoV-2 wastewater surveillance	No	\$288,301	\$0	\$288,301	\$72,0
/1/20 to 6/30/21	Ohio Environmental Protection Ager	ncy through Ohio State University					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Chattopadhyay, Saurabh Chakravarti, Ritu Kang, Dae Wook Taylor, Roger Travis	<u>Department</u> Med Microbiology & Immunology, Department of Physiology & Pharmacology, Department of Civil & Environmental Engineering, Department o Med Microbiology & Immunology, Department of	f		<u>% Credit</u> 50 25 25		
N-128815-01	Dormitory wastewater monitoring Colleges in the State of Ohio Ohio Water Resources Center throu	of SARS-CoV-2 at Universities and	No	\$162,206	\$38,052	\$200,258	\$40,0
Role PI/PD PI/PD PI/PD Co-I	<u>Name</u> Chakravarti, Ritu Chattopadhyay, Saurabh Kang, Dae Wook Taylor, Roger Travis	Department Physiology & Pharmacology, Department of Med Microbiology & Immunology, Department of Civil & Environmental Engineering, Department o Med Microbiology & Immunology, Department of	f		<u>% Credit</u> 40 40 20		
N-129000-01	Task 3: Analysis of Transportation	Data for Locals in the State of Ohio	No	\$7,155	\$2,844	\$9,999	\$9,99
1/12/21 to 11/12/21	Federal Highway Administration thro	ough Ohio University					
<u>Role</u> PI/PD Co-I	<u>Name</u> Guner, Serhan Nims, Douglas K.	<u>Department</u> Civil & Environmental Engineering, Department o Civil & Environmental Engineering, Department o			<u>% Credit</u> 67 33		
		Sum of Department (Civil & Environment					\$571,48

Electrical Engineering and Computer Science, Department of

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			00311:	Direct 003t		Total Award	orcuit
lectrical Engineering	and Computer Science, Departmen	t of					
C-125299-05	· · ·	at Predict Development of Chronic	No	\$474,833	\$183,897	\$658,730	\$6,587
	PTSD						
7/1/20 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			89		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					
Co-I	Tull, Matthew T.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of			10		
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science,	Department o	f	1		
C-126463-01-l05	Fundamental and Applied WBGs	Device Modeling with Added	No	\$24,562	\$12,158	\$36,720	\$36,720
	Reliability Investigation for Next G	eneration Naval Applications					
3/3/21 to 12/31/21	Office of Naval Research						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science,	Department o	f	100		
Stdnt Schol	Collings, William M.	Electrical Engineering and Computer Science,					
C-127339-02	Transactive Campus		No	\$43,189	\$21,811	\$65,000	\$19,500
10/1/20 to 9/30/21	U.S. Department of Energy through	Battelle Memorial Institute					
Role	Name	Department			% Credit		
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of			40		
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of			30		
Co-I	Khanna, Raghav	Electrical Engineering and Computer Science,	Department o	f	30		
C-127752-02	Machine Learning and Network So	ience for Predicting Kidney	No	\$184,561	\$93,203	\$277,764	\$180,547
	Transplant Survival	c ,		. ,			
8/1/20 to 7/31/21	National Institutes of Health						
Role	Name	Department			% Credit		
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science,	Department o	f	65		
Co-I	Chen, Tian	Mathematics & Statistics, Department of			10		
Co-I	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department	of		25		
Stdnt Schol	Forche, Lindsey Ann				-		
Stdnt Schol	Sloma, Michael Stephen						
Stdnt Schol	Thapa, Prathana						
C-127838-01-l01	•	figurable Plasma Matching Network	No	\$26,760	\$13,240	\$40,000	\$40,000
	•	figurable Plasma Matching Network Array Emitters	No	\$26,760	\$13,240	\$40,000	\$40,000
	Wideband and High-Power Recon	Array Emitters	No	\$26,760	\$13,240	\$40,000	\$40,000
C-127838-01-101	Wideband and High-Power Recon for Compact and Efficient Phased	Array Emitters	No	\$26,760	\$13,240 <u>% Credit</u>	\$40,000	\$40,000

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

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C-128403-02	Seed Program: Investigation of for Nuclear/Renewable Energy P U.S. Department of Energy throug		\$109,635	\$55,365	\$165,000	\$108,900
				0/ One dit		
Role	<u>Name</u>	Department		<u>% Credit</u>		
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science, Departme	ent of	33		
Co-l Co-l	Heben, Michael J. Javaid. Ahmad Y.	Physics and Astronomy, Department of Electrical Engineering and Computer Science, Departme	opt of	34 33		
	- ,				* 07 500	*07 50
N-126463-01-l04	Fundamental and Applied WBGs	-	\$25,084	\$12,416	\$37,500	\$37,50
12/9/20 to 12/31/21	Reliability Investigation for Next Office of Naval Research	Generation Naval Applications				
Role	Name	Department		<u>% Credit</u>		
PI/PD	Khanna, Raghav	Electrical Engineering and Computer Science, Departme	ent of	100		
Stdnt Schol	Collings, William M.	Electrical Engineering and Computer Science, Departme				
I-127861-01	Digital Twin Reinforcement Learn	ning Project No	\$99,668	\$50,332	\$150,000	\$60,00
5/20/21 to 5/21/23	U.S. Department of Energy throug	h Lawrence Livermore National Laboratory				
Role	Name	<u>Department</u>		<u>% Credit</u>		
PI/PD	McCreary, William N.	Information Operations and Technology Management		40		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Departme	ent of	20		
Co-I	Khanna, Raghav	Electrical Engineering and Computer Science, Departme	ent of	20		
Co-I	Sun, Weiqing	Engineering Technology, Department of		20		
N-127982-01	Assured Digital Microelectronics (ADMETE)	Education & Training Ecosystem No	\$359,152	\$126,848	\$486,000	\$486,00
9/3/20 to 12/2/23	Air Force Research Laboratory thr	ough Wright State University				
Role	Name	<u>Department</u>		% Credit		
PI/PD	Niamat, Mohammed Y.	Electrical Engineering and Computer Science, Departme	ent of	85		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Departme	ent of	15		
N-128213-01	Collaborative Research: CyberM	UG: Cybersecurity Modules aligned No	\$93,390	\$47,161	\$140,551	\$140,55
	with UG Computer Science and E	Engineering Curriculum				
7/1/20 to 6/30/22	National Science Foundation					
Role	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Javaid, Ahmad Y.	Electrical Engineering and Computer Science, Departme	ent of	100		

Direct Cost

Cash?

Indirect Cost

Dept Award

Credit

Total Award

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

				<u>Direct 0031</u>		<u>Total / Ward</u>	
	and Computer Science, Department of						
N-128304-01 9/1/20 to 8/31/22	Research Initiation: Measuring menta using wearables and web analytics National Science Foundation	demand of interactive textbooks	No	\$132,722	\$67,278	\$200,000	\$140,000
Role PI/PD Co-PI Stdnt Schol Stdnt Schol	<u>Name</u> Xu, Kevin Shuai Liberatore, Matthew Walter Crockett, Breanne Marie Hilsabeck, Tanner Vaughn	Department Electrical Engineering and Computer Science, Chemical Engineering, Department of	Department of		<u>% Credit</u> 70 30		
N-128488-01 5/1/21 to 4/30/22	CAREER: Model-based Analysis of Dy Continuous-time Network Models National Science Foundation	namic Networks using	No	\$77,195	\$38,983	\$116,178	\$116,178
Role PI/PD Stdnt Schol	<u>Name</u> Xu, Kevin Shuai Do, Hung Nghia	Department Electrical Engineering and Computer Science,	Department of		<u>% Credit</u> 100		
N-128818-01 5/1/21 to 4/30/24	Ultra-wideband and Highly Efficient P Antennas Office of Naval Research	asma-Matched Small HF	No	\$59,801	\$30,199	\$90,000	\$90,000
Role PI/PD	<u>Name</u> Semnani, Abbas	Department Electrical Engineering and Computer Science,	Department of	:	<u>% Credit</u> 100		
N-128819-01 5/1/21 to 2/28/22	Reconfigurable Plasma Protection ag Office of Naval Research through Purd	-	No	\$50,468	\$25,487	\$75,955	\$75,955
Role PI/PD	<u>Name</u> Semnani, Abbas	<u>Department</u> Electrical Engineering and Computer Science,	Department of		<u>% Credit</u> 100		
N-128861-01 2/22/21 to 12/31/21	VOLTTRON User Interface for Toledo Pacific Northwest National Laboratory		No	\$16,611	\$8,389	\$25,000	\$25,000
<u>Role</u> PI/PD Co-I	<u>Name</u> Khanna, Raghav Javaid, Ahmad Y.	<u>Department</u> Electrical Engineering and Computer Science, Electrical Engineering and Computer Science,			<u>% Credit</u> 50 50		
N-128861-01-101 2/22/21 to 12/31/21	VOLTTRON User Interface for Toledo Pacific Northwest National Laboratory		No	\$27,907	\$14,093	\$42,000	\$42,000
<u>Role</u> PI/PD Co-I	<u>Name</u> Khanna, Raghav Javaid, Ahmad Y.	<u>Department</u> Electrical Engineering and Computer Science, Electrical Engineering and Computer Science,			<u>% Credit</u> 50 50		

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

-	how all projects that were active in FY new funds, i.e. not reported in a previ		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
lectrical Engineering	g and Computer Science, Departmer	t of					
N-129094-01	Investigation of GaN Devices Rad Maximum Power Point Tracking for Architecture for In Situ Lunar Mis	or Breakthrough Distributed Power	No	\$52,492	\$26,508	\$79,000	\$79,00
6/1/21 to 5/31/22	National Aeronautics and Space A	Iministration through Jet Propulsion Laboratory					_
Role PI/PD Co-I	<u>Name</u> Georgiev, Daniel G. Khanna, Raghav	<u>Department</u> Electrical Engineering and Computer Scienc Electrical Engineering and Computer Scienc			<u>% Credit</u> 51 49		
S-125299-05-S1 4/28/21 to 6/30/22		nat Predict Development of Chronic	No	\$190,088	\$103,598	\$293,686	
Role	Name	Department			% Credit		1
PI/PD Co-I	Wang, Xin Brickman, Kristopher R.	Psychiatry, Department of Surgery, Department of			80		
Co-I Co-I Co-I	Elhai, Jon D. Xie, Hong Xu, Kevin Shuai	Psychology, Department of Neurosciences, Department of Electrical Engineering and Computer Scienc	e, Department o	f	20		
		Sum of Department (Electrical Engine	ering and Com	puter S Awa	rd Count: 13.72		\$1,684,43
ngineering Technolo							
N-127861-01	Digital Twin Reinforcement Learn		No	\$99,668	\$50,332	\$150,000	\$30,00
5/20/21 to 5/21/23	U.S. Department of Energy through	Lawrence Livermore National Laboratory					-
<u>Role</u>	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	McCreary, William N.	Information Operations and Technology Man			40		
Co-I	Javaid, Ahmad Y.	Electrical Engineering and Computer Scienc			20		
Co-I	Khanna, Raghav	Electrical Engineering and Computer Scienc	e, Department o	f	20		
Co-I	Sun, Weiqing	Engineering Technology, Department of			20		
N-128572-01	Tech Cred: Faculty Professional I Technologies	evelopment in Industry 4.0 Emerging	No	\$25,076	\$0	\$25,076	\$25,07

Department

Engineering Technology, Department of

Mechanical, Industrial, and Manufacturing Engineering, Department of

Name

Tech Cred Round 7

Ohio Development Services Agency

Ohio Development Services Agency

Alaraje, Abdulnasser

4/1/20 to 2/28/22

N-129039-01

11/1/20 to 9/30/22

Role

PI/PD

\$10,578

\$10,578

\$65,654

% Credit

% Credit

100

\$10,578

No

100

\$0

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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 prev	<i>r</i> ious fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
lechanical, Industria	l, and Manufacturing Engineering,	Department of					
C-127638-02	Mitigation of Snow Formation an Clearway Energy Group	nd Accumulation on Solar Panels of	No	\$79,734	\$40,266	\$120,000	\$120,0
1/19/21 to 12/31/21	Clearway Energy						
Role	<u>Name</u>	<u>Department</u>		_	% Credit		
PI/PD	Sojoudi, Hossein	Mechanical, Industrial, and Manufacturin			100		
C-127862-02		rolled Porous Surfaces to Enhance	No	\$0	\$63,174	\$63,174	\$63 ,1
0/4/00 1- 0/04/00	Nucleate Boiling of Mixtures						
9/1/20 to 8/31/22	American Chemical Society						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gupta, Anju R.	Mechanical, Industrial, and Manufacturin	<u> </u>		100		
C-127907-02	IPA Assignment		No	\$300,352	\$0	\$300,352	\$300,
8/19/20 to 8/18/21	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturin	g Engineering, De	partment of	100		
C-128307-02	Compact Gas Turbine Compress	sor CFD Analysis	No	\$209,236	\$74,944	\$284,180	\$284,
10/1/20 to 3/31/22	National Aeronautics and Space	Administration through HX5, LLC					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturin	g Engineering, De	partment of	100		
C-128330-02	Compact Gas Turbine Compress	sor CFD Analysis	No	\$190,898	\$49,634	\$240,532	\$240,
10/1/20 to 9/30/21	NASA John H. Glenn Research C	enter at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	g Engineering, De	partment of	100		
C-128332-02	Research and Engineering Supr	ort for Advanced Seals Development	<u>No</u>	\$316,245	\$82,223	\$398,468	\$398,4
10/1/20 to 9/30/21	• • •	enter at Lewis Field through HX5, LLC				. ,	. ,
Role	Name	Department			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	a Engineering. De	partment of	100		
C-128333-02		I Investigation of Turbine Aerodynamics	<u>yyug</u> , <u>u</u> No	\$26,876	\$6,988	\$33,864	\$33,8
		Extraction and High Power Density Core		\$10,010	<i>4</i> 0,000	<i>400,001</i>	<i><i><i>voo,</i></i></i>
10/1/20 to 3/31/21		center at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	a Engineerina. De	partment of	100		
C-128333-03		I Investigation of Turbine Aerodynamics	<u>yyug</u> , <u>u</u> No	\$27,317	\$7,103	\$34,420	\$34,4
		Extraction and High Power Density Core		¥=.,e.i	<i>•••</i> , •	<i>vo</i> 1, 120	~~ 1,
4/1/21 to 9/30/21		Center at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	a Engineering. De	partment of	100		

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on-going projects with new funds, i.e. not reported in a previous fiscal year.

i-going projects with	new funds, i.e. not reported in a pr	evious fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
echanical, Industria	I, and Manufacturing Engineering	, Department of					
C-128334-02	Advanced Computational Tool	s for the Simulation of Multistage	No	\$164,536	\$42,779	\$207,315	\$207,31
	Turbomachinery in Support of						
10/1/20 to 9/30/21	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	ng Engineering, De	partment of	100		
C-128335-02	Analysis for Future Aircraft Pr	opulsion Systems	No	\$168,487	\$43,806	\$212,293	\$212,29
10/1/20 to 9/30/21	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	ng Engineering, Dej	partment of	100		
C-128351-02	High Temperature Materials &	Coatings for Extreme Environments	No	\$227,403	\$59,125	\$286,528	\$286,52
10/1/20 to 3/31/22	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturi	ng Engineering, Dej	partment of	100		
C-128352-02	Nondestructive Evaluation for	Aerospace Materials & Structures	No	\$199,940	\$51,985	\$251,925	\$251,92
10/1/20 to 3/31/22	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	100		
C-128353-02	Advanced Microscopy and Mic		No	\$668,527	\$173,817	\$842,344	\$842,34
10/1/20 to 3/31/22	NASA John H. Glenn Research	Center at Lewis Field through HX5, LLC					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	100		
C-128354-02	Analysis and Testing of Advan	ced Materials & Structures	No	\$156,050	\$40,573	\$196,623	\$196,62
10/1/20 to 9/30/21		Center at Lewis Field through HX5, LLC					
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturir	ng Engineering, De	partment of	100		
C-128354-02-l01	Analysis and Testing of Advan		No	\$39,715	\$10,326	\$50,041	\$50,04
11/1/20 to 9/30/21		Center at Lewis Field through HX5, LLC		,	, , , , , , , , , , , , , , , , , , , ,	, , .	
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturir	na Enaineerina. Dei	partment of	100		
D-128332-02	•	oport for Advanced Seals Development	<u>No</u>	\$(59,965)	\$(15,591)	\$(75,556)	\$(75,5
2/1/21 to 6/30/21		Center at Lewis Field through HX5, LLC		+(,)	<i>(10,001)</i>	(. e,eee)	÷(. 0,00
Role	Name	Department			<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturir	na Engineering. Dei	partment of	100		

This report does **not** show all projects that were active in FY21. 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** Credit Mechanical, Industrial, and Manufacturing Engineering, Department of N-127707-01 Biodesign-based learning platform fortified with clinical immersion and No \$40,000 \$3,200 \$43,200 \$2,160 medical device commercialization pathway 8/17/20 to 7/31/21 National Institutes of Health Role Name Department % Credit PI/PD Yildirim-Avan, Eda D. Bioengineering, Department of 65 Co-I Bioengineering, Department of 10 Avan. Halim Co-I Cioc, Sorin 5 Mechanical, Industrial, and Manufacturing Engineering, Department of Co-I 5 Pappada, Scott Michael Medical Services 5 Co-I Rapino, Norman **Research & Sponsored Programs** 10 Co-I Relue, Patricia Ann Bioengineering, Department of 5 N-127975-01 **Collaborative Research: Dry-Wet Phase Inversion Pathway of Graphene** No \$100,778 \$49,195 \$149,973 \$149,973 Oxide (GO)-Based Mixed-Matrix Membranes for Mineral Ions Separation by Membrane Distillation 8/1/20 to 7/31/23 National Science Foundation Role Department % Credit Name PI/PD Mechanical, Industrial, and Manufacturing Engineering, Department of 100 Gupta, Anju R. N-128423-01 **Business Waste Reduction Assistance Program** No \$81,818 \$8,182 \$90,000 \$90.000 1/1/21 to 12/31/21 Lucas County Solid Waste Division Role Name Department % Credit PI/PD Franchetti, Matthew J. Mechanical, Industrial, and Manufacturing Engineering, Department of 100 N-128430-01 Predictive Embolic Trajectory Mapping of Ventricular Assist Device No \$19.474 \$97.574 \$97.574 \$78.100 Outflow: A Hybrid Study (Stage 1) 12/16/20 to 6/16/21 % Credit Role Department Name PI/PD 100 Amili. Omid Mechanical, Industrial, and Manufacturing Engineering, Department of N-128489-01 Particle topography and aerosol size distribution in dental settings in No \$150,000 \$45,450 \$195,450 \$195,450 COVID19 era 7/1/20 to 12/31/21 National Institute of Dental and Craniofacial Research through University of Alabama at Birmingham Role Name Department % Credit PI/PD Amili, Omid Mechanical, Industrial, and Manufacturing Engineering, Department of 50 Co-I Choueiri, George Mechanical, Industrial, and Manufacturing Engineering, Department of 50 N-128539-01 SMA Database No \$24,113 \$12.117 \$36,230 \$36,230 8/17/20 to 8/16/22 NASA John H. Glenn Research Center at Lewis Field Role Name % Credit Department PI/PD Elahinia. Mohammad Mechanical, Industrial, and Manufacturing Engineering, Department of 100

•	new funds, i.e. not reported in a prev	(21. This report shows only new and					Dept Award
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
lechanical, Industrial	, and Manufacturing Engineering, I	Department of					
N-128719-01 5/1/21 to 6/30/26	Choose Ohio for Data, Environm Sustainability (COD3ES) Ohio Department of Education	ent, Energy, Entrepreneurialism and	No	\$79,800	\$0	\$79,800	\$79,80
<u>Role</u> PI/PD	<u>Name</u> Franchetti, Matthew J.	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	<u>% Credit</u> 100		
N-128807-01 2/15/21 to 7/31/22	I-Corps: Additively manufacture National Science Foundation	d NiTi aerospace actuators	No	\$45,000	\$5,000	\$50,000	\$50,00
Role PI/PD Stdnt Schol	<u>Name</u> Elahinia, Mohammad Salazar, Javier Josue	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	<u>% Credit</u> 100		
N-128877-01 5/11/21 to 5/10/22	EML-Infused Cooperative Educa Students, Faculty, and Industry Kern Family Foundation	tion: A Collaboration between	No	\$150,000	\$0	\$150,000	\$150,00
Role PI/PD	<u>Name</u> Franchetti, Matthew J.	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	<u>% Credit</u> 100		
N-128973-01	and Testing of High Temperature Program	Engineering Support for Development Seals for Air Force High-Speed Vehicle	No	\$59,965	\$15,591	\$75,556	\$75,550
2/1/21 to 6/30/21		enter at Lewis Field through HX5, LLC			A (A)		1
<u>Role</u> PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufacturi	ng Engineering, De	partment of	<u>% Credit</u> 100		
olymer Institute		Sum of Department (Mechanica	, Industrial, and M	anufactu Awa	d Count: 25.05		\$4,373,24
C-122172-09	Industrial Consortium for Poly(e	hylene terephthalate), PET	No	\$147,120	\$0	\$147,120	\$147,12
7/1/20 to 6/30/21	PET Research Consortium & Activ	e Barrier Research Consortium Members					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Lawrence, Joseph G.	Polymer Institute			100		
Stdnt Schol	Kalbfliesh, Brandon	Polymer Institute					
N-128718-01	Synthesis of PET from Recycled	Dimethyl Terephthalate	No	\$23,773	\$7,726	\$31,499	\$31,499
10/15/20 to 9/30/23	Loop Industries						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lawrence, Joseph G.	Polymer Institute			100		
		Sum of Dep	artment (Polymer)	nstitute) Awa	rd Count: 2.00		\$178,619
			e (Engineering, Co		rd Count: 74.70		\$11,927,081

Facilities

	now all projects that were active in FY21. new funds, i.e. not reported in a previous		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
acilities Planning							
N-128708-01	Diesel Mitigation Trust Fund		No	\$90,000	\$0	\$90,000	\$90,00
5/24/21 to 12/31/27	Ohio Environmental Protection Agency						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Green, Michael Lee	Facilities Planning			100		
		Sum of Departm	ent (Facilities P	lanning) Awar	d Count: 1.00		\$90,0
		S	um of College (F	acilities) Awar	d Count: 1.00		\$90,0
	n Services, College of						
	now all projects that were active in FY21.						Dept Awar
n-going projects with i	new funds, i.e. not reported in a previous	fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Occupational Therapy	/ Program						
C-127788-02	Project Prepare		No	\$229,301	\$18,344	\$247,645	\$123,8
10/1/20 to 9/30/21	U.S. Department of Education						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dinnebeil, Laurie A.	Early Childhood, Physical, and Special Edu	ication		50		
Co-I	Metz, Alexia E.	Occupational Therapy Program			50		
		Sum of Department (Occupa t	ional Therapy F	Program) Awar	d Count: 0.50		\$123,8
chool of Exercise Re				• · • • • •	••	A / A A A A	• • • •
N-128410-01	NSF Graduate Research Fellowship F	rogram	No	\$46,000	\$0	\$46,000	\$46,0
8/1/20 to 7/31/21	National Science Foundation	Descentes and			0/ One dit		1
Role PI/PD	Name Schouermann, Barny William	<u>Department</u> School of Exercise Rehab Sciences			<u>% Credit</u> 100		
N-128577-01	Scheuermann, Barry William Does isolated hamstring fatigue enha		No	\$458	\$0	\$458] \$4
N-1203/7-01	function among individuals with ante		NO	\$450	4 0	φ450	φ,
	reconstruction						
8/1/20 to 7/31/21	Ohio Athletic Trainers' Association						
Role	Name	Department			% Credit		1
PI/PD	Norte, Grant Edward	School of Exercise Rehab Sciences			100		
N-128798-01	Effect of Sensory Manipulation on Br	ain Activity and Motor Performance	No	\$996	\$0	\$996	\$
	Following ACL Reconstruction						
12/17/20 to 12/16/21	Ohio Athletic Trainers' Association						
12/11/2010 12/10/21							
Role	Name	<u>Department</u>			<u>% Credit</u>		

chool of Intervention a							
		Sum of Department (School of I	Exercise Rehab S	ciences) Awar	d Count: 3.00		\$47,45
C-127086-03	& Wellness						
	Educating a Community Within a Co	-	No	\$114,127	\$9,130	\$123,257	\$12,32
	and Green Zone Training at the Univ						
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					•
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
Co-I	Thompson, Amy J.	School of Population Health			20		
N-128812-01	Path Analysis of Factors Affecting N	larginalized Youth Outcomes: An	No	\$3,795	\$0	\$3,795	\$3,7
	Intersection of Career Barriers, Dep	ression, Hopelessness, and Social					
	Problem-Solving						
1/1/21 to 12/31/21	Association for Assessment and Rese	earch in Counseling					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dari, Tahani Hisham	School of Intervention & Wellness			100		
N-128856-01	Subgrants for Non-profit or Commu	nity-based Student Learning and	No	\$135,201	\$0	\$135,201	\$135,20
	Remote Education Partners	-					
	Student engagement and Intervention	on via remote learning					
3/1/21 to 6/30/22	U.S. Department of Education through						
Role	Name	Department			% Credit		1
PI/PD	Cochrane, Wendy S.	School of Intervention & Wellness			50		
Co-I	Wood, Brandon J.	School of Intervention & Wellness			50		
N-128893-01	Arts Leadership Pilot Project		No	\$7,850	\$0	\$7,850	4
4/30/21 to 3/31/22	Toledo Community Foundation throug	h Arts Commission of Greater Toledo					
Role	Name	Department			% Credit		1
PI/PD	Ojha, Mamta	School of Social Justice			100		
Co-I	Carrellas, Ann	School of Social Justice					
Co-I	Dari, Tahani Hisham	School of Intervention & Wellness					

School of Population Health

	how all projects that were active in FY21 new funds, i.e. not reported in a previous						Dept Award
			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
chool of Population	Health						
C-124040-05	Health Promotion Coach Agreement		No	\$101,524	\$10,152	\$111,676	\$111,67
6/1/21 to 5/31/22	Board of County (Lucas) Commission	ers					-
<u>Role</u> PI/PD	<u>Name</u> Boardley, Debra J.	<u>Department</u> School of Population Health			<u>% Credit</u> 100		
C-126524-05	-	ed Care by CPS-Involved Youth and	No	\$30,189	\$9,811	\$40,000	\$40,00
	Families						
9/30/20 to 9/29/21	Substance Abuse and Mental Health	Services Administration through ProMedica Healt	ĥ				,
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dake, Joseph	School of Population Health			100		
C-127086-03	Educating a Community Within a Co	ommunity: Mental Health First Aid	No	\$114,127	\$9,130	\$123,257	\$24,6
	and Green Zone Training at the Univ						
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					-
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10 20		
Co-I	Thompson, Amy J.	School of Population Health	NI -	* 00.070	-	*0 4 0 40	
N-128525-01	COVID Tracing Grant Project		No	\$22,373	\$2,237	\$24,610	\$24,6
7/29/20 to 12/31/20	Ohio Board of Health through Wood C	County Board of Health					1
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dake, Joseph	School of Population Health			100		
R-101313-15	NIOSH Training Grant Project: Indus	trial Hygiene-UniversityToledo	No	\$80,521	\$6,442	\$86,963	\$86,9
7/1/20 to 6/30/21	National Institute for Occupational Sa	fety and Health					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ames, April L.	School of Population Health			100		
		Sum of Department (School	of Populatio	n Health) Awa	rd Count: 4.20		\$287,90
chool of Social Just	ice						
C-124919-08	Healthy Start Initiative: Eliminating	Racial/Ethnic Disparities	No	\$44,545	\$4,455	\$49,000	\$49,0
4/1/21 to 3/31/22		stration through Lucas County Regional Health D	istrict				
Role	Name	Department			% Credit		1
PI/PD	Williamson, Celia	School of Social Justice			100		

•	how all projects that were active in FY21 new funds, i.e. not reported in a previou					<u> </u>	Dept Award
n-going projects with			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
School of Social Just	tice						
C-127084-03	Infant Vitality Community Intensive	Pilot Project #04860041IV0118	No	\$24,545	\$2,454	\$26,999	\$26,99
7/1/20 to 6/30/21	Hospital Council of Northwest Ohio						-
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Williamson, Celia	School of Social Justice			100		
Co-l	Petra, Megan Meta	School of Social Justice					
C-127086-03	Educating a Community Within a Co		No	\$114,127	\$9,130	\$123,257	\$12,32
	and Green Zone Training at the Univ						
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
Co-I	Thompson, Amy J.	School of Population Health			20		
C-127439-02	Human Trafficking ECMC Foundation		No	\$147,486	\$14,749	\$162,235	\$162,23
5/1/20 to 4/30/21	Educational Credit Management Corp	oration Foundation					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Williamson, Celia	School of Social Justice			100		
Co-I	Guardiola, Louis	School of Social Justice					
Co-I	Knabbs, Ladonna Denise	School of Social Justice					
N-128272-01	The University of Toledo Program to	Address Sexual Assault and	No	\$272,726	\$27,273	\$299,999	\$299,99
	Violence on Campus: UT Awareness	& Prevention Project					
10/1/20 to 9/30/23	U.S. Department of Justice						_
Role	Name	Department			<u>% Credit</u>		
PI/PD	Tucker-Gail, Kasey A.	School of Social Justice			100		
N-128477-01	COSSAP Evaluation		No	\$33,962	\$11,038	\$45,000	\$45,00
10/1/20 to 9/30/21	U.S. Department of Justice through L	ucas County Sheriff's Office		. ,	. ,	. ,	
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Williamson, Celia	School of Social Justice			100		
	•		NI-	¢40.077		*** ***	
N-128579-01	LGBTQA+ Programming Initiative		No	\$10,377	\$1,037	\$11,414	\$11,41
1/1/21 to 12/31/21	U.S. Department of Justice through C						1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Costello, Megan Colleen	School of Social Justice			75		
PI/PD	Tucker-Gail, Kasey A.	School of Social Justice			25		

-going projects with	new funds, i.e. not reported in a prev	<i>r</i> ious fiscal year.					Dept Award
		-	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
chool of Social Jus	tice						
N-128893-01	Arts Leadership Pilot Project		No	\$7,850	\$0	\$7,850	\$7,85
1/30/21 to 3/31/22	Toledo Community Foundation the	rough Arts Commission of Greater Toledo					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ojha, Mamta	School of Social Justice			100		
Co-I	Carrellas, Ann	School of Social Justice					
Co-I	Dari, Tahani Hisham	School of Intervention & Wellness					
N-128995-01	Community Advocates Outreach	e Evaluation_DART	No	\$41,550	\$0	\$41,550	\$41,55
1/15/21 to 1/14/22	Toledo Community Foundation the	rough Lucas County Sheriff's Office					_
Role	Name	Department_			<u>% Credit</u>		
PI/PD	Williamson, Celia	School of Social Justice			100		
R-127626-03	NWO Pathways HUB		No	\$13,043	\$1,957	\$15,000	\$15,00
1/1/21 to 12/31/21	Ohio Commission on Minority Hea	alth through Hospital Council of Northwest Ohio					
Role	Name	Department			% Credit		1
PI/PD	Williamson, Celia	School of Social Justice			100		
		Sum of Department (Sch	ool of Social	Justice) Awa	rd Count: 9.10		\$671.37
		Sum of Department (Schoor Sum of College (Health & Human			rd Count: 9.10 rd Count: 18.90		\$671,37 \$1,281,87
onors College	9	Sum of College (Health & Human					
onors College	9 show all projects that were active in F [*]	Sum of College (Health & Human Y21. This report shows only new and					\$1,281,8
onors College	9	Sum of College (Health & Human Y21. This report shows only new and	Services, Co	ollege of) Awa	rd Count: 18.90		\$1,281,8
onors College is report does not s -going projects with	9 show all projects that were active in F [*]	Sum of College (Health & Human Y21. This report shows only new and				Total Award	\$1,281,8 Dept Award
onors College is report does not s -going projects with onors Program	9 show all projects that were active in F` n ew funds, i.e. not reported in a prev	Sum of College (Health & Human Y21. This report shows only new and <i>v</i> ious fiscal year.	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90	Total Award	\$1,281,8 Dept Award
onors College is report does not s -going projects with onors Program N-127562-01-101	9 show all projects that were active in F ¹ new funds, i.e. not reported in a prev Assessment, Accreditation and	Sum of College (Health & Human Y21. This report shows only new and <i>v</i> ious fiscal year.	Services, Co	ollege of) Awa	rd Count: 18.90		\$1,281,8 Dept Award
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21	9 show all projects that were active in F` n ew funds, i.e. not reported in a prev	Sum of College (Health & Human Y21. This report shows only new and <i>v</i> ious fiscal year. Faculty Development rant Universities	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90 Indirect Cost \$0	Total Award	\$1,281,8 Dept Award
onors College is report does not s -going projects with onors Program N-127562-01-101 7/1/20 to 7/31/21 Role	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and Association of Public and Land G Name	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90 Indirect Cost \$0 <u>% Credit</u>	Total Award	\$1,281,8
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21 Role PI/PD	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and Association of Public and Land G <u>Name</u> Schneider, Barbara J.	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90 <u>Indirect Cost</u> \$0 <u>% Credit</u> 0	Total Award	\$1,281,8
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21 Role PI/PD PI/PD PI/PD	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and Association of Public and Land G Name Schneider, Barbara J. Toole, Amy P.	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of Chemistry and Biochemistry, Department of	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90 Indirect Cost \$0 <u>% Credit</u>	Total Award	\$1,281,8
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21 Role PI/PD PI/PD Co-I	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and Association of Public and Land Ga Name Schneider, Barbara J. Toole, Amy P. Bartell, Denise Susan	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of	Services, Co Cash? No	Direct Cost \$9,000	rd Count: 18.90 <u>Indirect Cost</u> \$0 <u>% Credit</u> 0 100	<u>Total Award</u>	\$1,281,8
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21 Role PI/PD PI/PD PI/PD Co-I N-128961-01	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and the Association of Public and Land Gu Name Schneider, Barbara J. Toole, Amy P. Bartell, Denise Susan Portz Grant	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of Chemistry and Biochemistry, Department of Honors Program	Services, Co <u>Cash?</u>	Direct Cost	rd Count: 18.90 <u>Indirect Cost</u> \$0 <u>% Credit</u> 0	Total Award	\$1,281,8 Dept Award Credit
onors College is report does not s -going projects with 000000000000000000000000000000000000	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and Association of Public and Land Ga Name Schneider, Barbara J. Toole, Amy P. Bartell, Denise Susan	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of Chemistry and Biochemistry, Department of Honors Program	Services, Co Cash? No	Direct Cost \$9,000	rd Count: 18.90 <u>Indirect Cost</u> \$0 <u>% Credit</u> 0 100	<u>Total Award</u>	\$1,281,8
onors College is report does not s -going projects with onors Program N-127562-01-I01 7/1/20 to 7/31/21 Role PI/PD PI/PD PI/PD Co-I N-128961-01	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and the Association of Public and Land Gu Name Schneider, Barbara J. Toole, Amy P. Bartell, Denise Susan Portz Grant	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of Chemistry and Biochemistry, Department of Honors Program	Services, Co Cash? No	Direct Cost \$9,000	rd Count: 18.90 <u>Indirect Cost</u> \$0 <u>% Credit</u> 0 100	<u>Total Award</u>	\$1,281,8
onors College is report does not s -going projects with 000000000000000000000000000000000000	e show all projects that were active in F new funds, i.e. not reported in a prev Assessment, Accreditation and a Association of Public and Land G Name Schneider, Barbara J. Toole, Amy P. Bartell, Denise Susan Portz Grant National Collegiate Honors Counc	Sum of College (Health & Human Y21. This report shows only new and vious fiscal year. Faculty Development rant Universities Department English, Department of Chemistry and Biochemistry, Department of Honors Program	Services, Co Cash? No	Direct Cost \$9,000	rd Count: 18.90 Indirect Cost \$0 <u>% Credit</u> 0 100 \$0	<u>Total Award</u>	\$1,281,8 Dept Award

Sum of Department (Honors Program) Award Count: 1.00

Sum of College (Honors College) Award Count: 1.00

\$794

Dept Award

Human Resources & Campus Safety

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

uman Resources							
C-127086-03	Educating a Community Within a Co	ommunity: Mental Health First Aid	No	\$114,127	\$9,130	\$123,257	\$12,3
	and Green Zone Training at the Univ	versity of Toledo and Beyond					
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
	-	School of Population Health			20		
Co-I	Thompson, Amy J.						
0-1	Thompson, Amy J.		nent (Human Res	sources) Awa	rd Count: 0.10		1
<u>C0-1</u>	Thompson, Amy J.		ment (Human Res ources & Campu	·	rd Count: 0.10		
aw, College of	now all projects that were active in FY21	Sum of Depart Sum of College (Human Res . This report shows only new and	•	·	rd Count: 0.10		\$12,3
aw, College of	· · ·	Sum of Depart Sum of College (Human Res . This report shows only new and	•	·	rd Count: 0.10	Total Award	\$12,3
.aw, College of his report does not sh n-going projects with	now all projects that were active in FY21	Sum of Depart Sum of College (Human Res . This report shows only new and	ources & Campu	s Safety) Awa	rd Count: 0.10 rd Count: 0.10	-	\$12,3
.aw, College of his report does not sh n-going projects with aw, College of	now all projects that were active in FY21	Sum of Depart Sum of College (Human Res . This report shows only new and	ources & Campu	s Safety) Awa	rd Count: 0.10 rd Count: 0.10	-	\$12,3 Dept Award
.aw, College of his report does not sh	now all projects that were active in FY21 new funds, i.e. not reported in a previous	Sum of Depart Sum of College (Human Res . This report shows only new and	ources & Campu <u>Cash?</u>	s Safety) Awa	rd Count: 0.10 rd Count: 0.10 <u>Indirect Cost</u>	Total Award	\$12,3 Dept Award
aw, College of his report does not sh n-going projects with aw, College of C-127756-02	now all projects that were active in FY21 new funds, i.e. not reported in a previous Low Income Taxpayer Clinic	Sum of Depart Sum of College (Human Res . This report shows only new and	ources & Campu <u>Cash?</u>	s Safety) Awa	rd Count: 0.10 rd Count: 0.10 <u>Indirect Cost</u>	Total Award	\$12,3 Dept Award
aw, College of shis report does not shin-going projects with aw, College of C-127756-02	now all projects that were active in FY21 new funds, i.e. not reported in a previous Low Income Taxpayer Clinic U.S. Department of the Treasury Name	Sum of Departr Sum of College (Human Res . This report shows only new and s fiscal year. <u>Department</u>	ources & Campu <u>Cash?</u>	s Safety) Awa	rd Count: 0.10 rd Count: 0.10 <u>Indirect Cost</u> \$23,633	Total Award	\$12,3 Dept Award
aw, College of his report does not sharpoing projects with aw, College of C-127756-02 1/1/21 to 12/31/21	now all projects that were active in FY21 new funds, i.e. not reported in a previous Low Income Taxpayer Clinic U.S. Department of the Treasury	Sum of Departr Sum of College (Human Res . This report shows only new and s fiscal year.	ources & Campu <u>Cash?</u>	s Safety) Awa	rd Count: 0.10 rd Count: 0.10 <u>Indirect Cost</u> \$23,633 <u>% Credit</u>	Total Award	\$12,3: \$12,3: Dept Award <u>Credit</u> \$96,3:
aw, College of his report does not sh h-going projects with aw, College of C-127756-02 1/1/21 to 12/31/21 Role PI/PD	now all projects that were active in FY21 new funds, i.e. not reported in a previous Low Income Taxpayer Clinic U.S. Department of the Treasury Name Bourell, Christopher L.	Sum of Departr Sum of College (Human Res . This report shows only new and s fiscal year.	ources & Campu <u>Cash?</u>	s Safety) Awa Direct Cost \$72,718	rd Count: 0.10 rd Count: 0.10 <u>Indirect Cost</u> \$23,633 <u>% Credit</u>	Total Award	\$12,3 Dept Award

Medical Services

This report does not show all projects that were active in FY21. 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>Dept Award</u> <u>Credit</u>

Medical Services

his report does not s n-going projects with	new funds, i.e. not reported in a previ	ous ilsual year.	Cash?				
				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ledical Services 5							
N-127707-01		m fortified with clinical immersion and	No	\$40,000	\$3,200	\$43,200	\$2,10
8/17/20 to 7/31/21	medical device commercialization National Institutes of Health	n pathway					
		Desertment			0/ Cradit		1
Role PI/PD	<u>Name</u> Vildirim Avon Edo D	<u>Department</u> Bisengingering Department of			<u>% Credit</u>		
Co-I	Yildirim-Ayan, Eda D. Ayan, Halim	Bioengineering, Department of Bioengineering, Department of			65 10		
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufactur	ing Engineering De	partment of	5		
Co-I	Pappada, Scott Michael	Medical Services 5	ing Engineering, De	Jantineni Oi	5		
Co-I	Rapino, Norman	Research & Sponsored Programs			10		
Co-I	Relue, Patricia Ann	Bioengineering, Department of			5		
001			artment (Medical Se	rvices 5) Awa	rd Count: 0.05		」 \$2,16
			•	<u> </u>			
		Sumo	of College (Medical	Services) Awa	rd Count: 0.05		\$2,16
nis report does not s	ife Sciences, College of how all projects that were active in FY new funds, i.e. not reported in a previ	· · ·	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
his report does not s	how all projects that were active in FY	· · ·	<u>Cash?</u>	Direct Cost	Indirect Cost		
his report does not s n-going projects with	how all projects that were active in FY	ous fiscal year.	<u>Cash?</u> No	<u>Direct Cost</u> \$1,235,292	Indirect Cost \$98,823		<u>Credit</u>
his report does not s n-going projects with HEC	how all projects that were active in FY new funds, i.e. not reported in a previ	ous fiscal year.				Total Award	<u>Credit</u>
his report does not s n-going projects with NHEC C-010336-27	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan	ous fiscal year.				Total Award	<u>Dept Award</u> <u>Credit</u> \$1,334,11
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm	ous fiscal year.			\$98,823	Total Award	<u>Credit</u>
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21 Role	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name	ous fiscal year.			\$98,823	Total Award	<u>Credit</u>
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21 Role PI/PD	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pr	ous fiscal year.			\$98,823	Total Award	<u>Credit</u> \$1,334,11
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan <i>Health Resources & Services Adm</i> <u>Name</u> Combs, Courtney Kay Miller, Patsy J.	ous fiscal year.	No	\$1,235,292	\$98,823 <u>% Credit</u> 100	<u>Total Award</u> \$1,334,115	<u>Credit</u> \$1,334,11
his report does not s n-going projects with C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pr	ous fiscal year.	No	\$1,235,292	\$98,823 <u>% Credit</u> 100	<u>Total Award</u> \$1,334,115	<u>Credit</u>
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21 <u>Role</u> PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Po Health Resources & Services Adm	ous fiscal year.	No	\$1,235,292	\$98,823 <u>% Credit</u> 100 \$0	<u>Total Award</u> \$1,334,115	<u>Credit</u> \$1,334,11
his report does not s n-going projects with C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Po Health Resources & Services Adm Name	ous fiscal year.	No	\$1,235,292 \$(6,863)	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u>	<u>Total Award</u> \$1,334,115	<u>Credit</u> \$1,334,11
his report does not s n-going projects with HEC C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role PI/PD	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pr Health Resources & Services Adm Name Combs, Courtney Kay	ous fiscal year.	No	\$1,235,292 \$(6,863)	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100	<u>Total Award</u> \$1,334,115	<u>Credit</u> \$1,334,11
his report does not s n-going projects with C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Po Health Resources & Services Adm Name Combs, Courtney Kay	ous fiscal year.	No	\$1,235,292 \$(6,863)	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100	<u>Total Award</u> \$1,334,115	<u>Credit</u> \$1,334,11 \$(6,86 \$1,327,25
his report does not s n-going projects with NHEC C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role PI/PD	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Po Health Resources & Services Adm Name Combs, Courtney Kay	ous fiscal year.	No No Sum of Departmen	\$1,235,292 \$(6,863) t (AHEC) Awa	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100 rd Count: 2.00	Total Award \$1,334,115 \$(6,863)	<u>Credit</u> \$1,334,11 \$(6,86 \$1,327,25
his report does not s n-going projects with C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role PI/PD	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pu Health Resources & Services Adm Name Combs, Courtney Kay artment of Medicaid Equity Simulation Proje Equity And Care (PAEC)	ous fiscal year.	No No Sum of Departmen	\$1,235,292 \$(6,863) t (AHEC) Awa	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100 rd Count: 2.00	Total Award \$1,334,115 \$(6,863)	<u>Credit</u> \$1,334,11 \$(6,86 \$1,327,25
his report does not s n-going projects with NHEC C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role PI/PD	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pu Health Resources & Services Adm Name Combs, Courtney Kay artment of Medicaid Equity Simulation Proje Equity And Care (PAEC)	ous fiscal year.	No No Sum of Departmen	\$1,235,292 \$(6,863) t (AHEC) Awa	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100 rd Count: 2.00	Total Award \$1,334,115 \$(6,863)	<u>Credit</u> \$1,334,11 \$(6,86 \$1,327,25
his report does not s n-going projects with C-010336-27 9/1/20 to 8/31/21 Role PI/PD Dir Ctr/Inst D-128481-01 8/10/20 to 4/30/21 Role PI/PD Amesthesiology, Depa C-127179-03 7/1/20 to 6/30/21	how all projects that were active in FY new funds, i.e. not reported in a previ AHEC Point of Service Maintenan Health Resources & Services Adm Name Combs, Courtney Kay Miller, Patsy J. Area Health Education Centers Pr Health Resources & Services Adm Name Combs, Courtney Kay artment of Medicaid Equity Simulation Proje Equity And Care (PAEC) Centers for Medicare and Medicaid	ous fiscal year.	No No Sum of Departmen	\$1,235,292 \$(6,863) t (AHEC) Awa	\$98,823 <u>% Credit</u> 100 \$0 <u>% Credit</u> 100 rd Count: 2.00 \$22,262	Total Award \$1,334,115 \$(6,863)	<u>Credit</u> \$1,334,11

n-going projects with	new funds, i.e. not reported in a pre	vious fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
		Sum of Department (Anest	hesiology, Depar	tment of) Awa	rd Count: 0.25		\$61,222
Cancer Biology, Depa	artment of						
C-126620-03	Role of reduced nitric oxide in initiation American Cancer Society - Natic	ECM stiffening for breast cancer	No	\$165,000	\$33,000	\$198,000	\$198,000
Role PI/PD	<u>Name</u> Furuta, Saori	<u>Department</u> Cancer Biology, Department of			<u>% Credit</u> 100]
C-127458-04 8/1/20 to 7/31/21	Molecular targeting the translat signaling pathway National Cancer Institute	ional control axis in Wnt/ß-catenin	No	\$228,750	\$123,173	\$351,923	\$351,923
Role PI/PD Co-I	<u>Name</u> Zhang, Jian-Ting Liu, JingYuan	<u>Department</u> Cancer Biology, Department of Cancer Biology, Department of			<u>% Credit</u> 100		
C-127667-03	Effective targeting surviving di inhibitors	nerization interface with small molecule	No	\$223,450	\$121,594	\$345,044	\$138,018
6/1/21 to 5/31/22	National Institute of General Med	lical Sciences					1
Role PI/PD Co-I Stdnt Schol	<u>Name</u> Liu, JingYuan Zhang, Jian-Ting Nguyen, Dylan Quang Rith	<u>Department</u> Medicine, Department of Cancer Biology, Department of ik			<u>% Credit</u> 60 40		
C-127674-02	APC regulation of doxorubicin		No	\$32,727	\$6,545	\$39,272	\$39,272
7/1/20 to 6/30/23	American Cancer Society - Natio						
Role PI/PD	<u>Name</u> Zhang, Jian-Ting	<u>Department</u> Cancer Biology, Department of			<u>% Credit</u> 100		
C-127728-02 3/1/21 to 2/28/22	Normalizing arginine metabolis immunostimulatory-shift of HE National Cancer Institute		No	\$228,750	\$124,669	\$353,419	\$353,419
<u>Role</u> PI/PD Statistician	<u>Name</u> Furuta, Saori Khuder, Sadik	<u>Department</u> Cancer Biology, Department of Medicine, Department of			<u>% Credit</u> 100		
C-127796-04	ATR Isomerization in Cellular R	esponses to UV Damage of DNA	No	\$2	\$0	\$2	\$2
8/1/20 to 7/31/21	National Cancer Institute						_
Role PI/PD Co-I	<u>Name</u> Zou, Yue Liu, JingYuan	<u>Department</u> Cancer Biology, Department of Cancer Biology, Department of			<u>% Credit</u> 100		

	ow all projects that were active in FY2						Dept Award
i-going projects with r	new funds, i.e. not reported in a previou	us fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ancer Biology, Depar	rtment of						
N-127830-01	Investigation of the effects of plina glioblastoma patient derived spher BeyondSpring Pharmaceuticals	• •	No	\$104,635	\$57,026	\$161,661	\$161,661
Role	Name	Department			% Credit		1
PI/PD	Eisenmann, Kathryn Maria	Cancer Biology, Department of			100		
N-128348-01		Non-Apoptotic Cell Death to Target	No	\$999,942	\$422,817	\$1,422,759	\$42,683
	TNBC						
/1/21 to 12/31/23	U.S. Department of Defense						1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tiwari, Amit K.	Pharmacology & Experimental Therapeut	ics, Department of		88		
Co-I	Gunning, William T.	Pathology, Department of			3		
Co-I	Khuder, Sadik	Medicine, Department of			3		
Co-I	Raman, Dayanidhi	Cancer Biology, Department of			3		
Co-I	Tang, Yuan	Bioengineering, Department of			3		
-128364-03	Influence of bone microenvironme	nt on drug resistance in prostate	No	\$228,750	\$124,669	\$353,419	\$353,41
	cancer bone metastasis						
/1/20 to 12/31/21	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Li, Xiaohong	Cancer Biology, Department of			100		
-129192-01	Student Fellowship		No	\$5,000	\$0	\$5,000	\$5,000
0/1/21 to 8/31/21	Pan American Society of Pigment C	ell Research					
Role	Name	Department			% Credit		
PI/PD	 DeLaSerna, Ivana	Cancer Biology, Department of			100		
Stdnt Schol	Welborn, Jasmine Charrisse	557 1					
-128364-03	Influence of bone microenvironme	nt on drug resistance in prostate	No	\$50,000	\$0	\$50,000	\$50,000
	cancer bone metastasis	o 1		. ,	·		
7/1/20 to 12/31/21	National Institutes of Health						
Role	Name	Department			% Credit		
PI/PD	Li, Xiaohong	Cancer Biology, Department of			100		
-127796-02	ATR Isomerization in Cellular Resp	onses to UV Damage of DNA	No	\$3,450	\$1,846	\$5,296	\$5,296
3/1/19 to 7/31/21	National Cancer Institute						
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Zou, Yue	Cancer Biology, Department of			100		
		callee. Blology, Bopartinonicol			100		1

	ow all projects that were active in FY21 new funds, i.e. not reported in a previou		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Cancer Biology, Depar	rtment of						
T-128364-02 7/1/20 to 12/31/21	Influence of bone microenvironmen cancer bone metastasis National Cancer Institute	t on drug resistance in prostate	No	\$81,865	\$43,797	\$125,662	\$125,662
Role PI/PD	<u>Name</u> Li, Xiaohong	<u>Department</u> Cancer Biology, Department of			<u>% Credit</u> 100		
		Sum of Department (Cancer Bio	ology, Depar	tment of) Awa	rd Count: 11.43		\$1,824,354
Family Medicine, Depa	artment of						
N-126701-01 7/1/17 to 6/30/18	Choose Ohio First: PCMH Ohio Department of Higher Education	1	Yes	\$93,220	\$0	\$93,220	\$23,305
Role PI/PD Co-PI Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Schaefer, Paul L. Hickey, Daniel Ingram, Evan Miles Miniato, Mohammed A. Najjar, Amira Amanda Saleh, Hanan Ahmed Sims, Ariel B. Soni, Jalpa Shivam	Department Resid Prgm-Family Practice Family Medicine, Department of			<u>% Credit</u> 75 25		
Med Microbiology & In	nmunology, Department of	Sum of Department (Family Med	icine, Depar	t ment of) Awar	rd Count: 0.25		\$23,305
C-120298-12 7/1/20 to 6/30/21	Choose Ohio First Scholarship Prog Ohio Department of Higher Education	-	No	\$105,915	\$0	\$105,915	\$105,915
Role PI/PD	<u>Name</u> Blumenthal, Robert	<u>Department</u> Med Microbiology & Immunology, Department	of		<u>% Credit</u> 100		
C-126083-03 1/1/21 to 12/31/21	The role of platelets in oral candidia National Institute of Dental and Crani		No	\$240,971	\$131,329	\$372,300	\$186,150
<u>Role</u> PI/PD Co-I	<u>Name</u> Conti, Heather Raquel Worth, Randall G.	<u>Department</u> Biological Sciences, Department of Med Microbiology & Immunology, Department	of		<u>% Credit</u> 50 50		
C-126083-03-I01	The role of platelets in oral candidia		No	\$26,774	\$14,592	\$41,366	\$20,683

/1/21 to 12/31/21	National Institute of Dental and Cr	aniofacial Research	
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of	50
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of	50

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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

C-126496-02	Ohio Innovations GrantP-16 Path	nways of Promise (P3)	No				
7/1/19 to 6/30/21	Ohio Department of Higher Educati	on through Bowling Green State University					
Role PI/PD PI/PD	<u>Name</u> Romer, Terence G. Witte, Raymond	<u>Department</u> Med Microbiology & Immunology, Department of Dean-Education			<u>% Credit</u> 100		
C-126987-02	Transcriptional and non-transcrip	tional functions of IRF3 in ALD	No	\$25,318	\$13,798	\$39,116	\$39,116
7/1/20 to 6/30/21	National Institutes of Health through	h Cleveland Clinic					
Role PI/PD	<u>Name</u> Chattopadhyay, Saurabh	<u>Department</u> Med Microbiology & Immunology, Department of			<u>% Credit</u> 100		
C-127752-02 8/1/20 to 7/31/21	Machine Learning and Network So Transplant Survival National Institutes of Health	sience for Predicting Kidney	No	\$184,561	\$93,203	\$277,764	\$69,441
Role PI/PD Co-I Co-I Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Xu, Kevin Shuai Chen, Tian Stepkowski, Stanislaw M. Forche, Lindsey Ann Sloma, Michael Stephen Thapa, Prathana	<u>Department</u> Electrical Engineering and Computer Science, Dep Mathematics & Statistics, Department of Med Microbiology & Immunology, Department of	partment	of	<u>% Credit</u> 65 10 25		
C-127936-02 5/1/21 to 4/30/22	Understanding the proviral role for protease in flavivirus replication a National Institute of Allergy & Infect.	ind pathogenesis	No	\$250,000	\$136,250	\$386,250	\$386,250
Role PI/PD Co-I	<u>Name</u> Taylor, Roger Travis Chattopadhyay, Saurabh	<u>Department</u> Med Microbiology & Immunology, Department of Med Microbiology & Immunology, Department of			<u>% Credit</u> 100		
C-128316-03 6/1/21 to 5/31/22	Dissecting catalytic and regulator strand RNA viral polymerases National Institute of Allergy & Infect	y functions of nonsegmented negative	No	\$225,000	\$122,625	\$347,625	\$347,625
<u>Role</u> PI/PD	<u>Name</u> Ogino, Tomoaki	<u>Department</u> Med Microbiology & Immunology, Department of			<u>% Credit</u> 100		
C-128317-06	Anti-viral actions of interferon		No	\$8,678	\$4,729	\$13,407	\$13,407
7/1/20 to 6/30/21	National Cancer Institute through C	ase Western Reserve University/Case Medical Center					
Role PI/PD	<u>Name</u> Ogino, Tomoaki	<u>Department</u> Med Microbiology & Immunology, Department of			<u>% Credit</u> 100		

•	show all projects that were active in FY2 1 new funds, i.e. not reported in a previo						Dept Award
· ·····	· · · · · · · · · · · · · · · · · · ·	<u>(</u>	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ed Microbiology &	Immunology, Department of						
N-127300-01-A1	Evaluation of alternative complem	ent activity within an ARDS cohort	No	\$8,078	\$4,322	\$12,400	\$12,40
8/9/20 to 7/31/21	National Heart, Lung & Blood Institu	ite through University of Pittsburgh					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ferreira, Viviana P.	Med Microbiology & Immunology, Department of			100		
N-128170-01	Anti-Inflammatory Functions of No	on-Transcriptional IRF3	No	\$314,051	\$156,988	\$471,039	\$447,48
2/8/21 to 1/31/22	National Institute of Allergy & Infect	ious Diseases					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			95		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			5		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of					
N-128172-01	Using Microcystin Degrading Bac	teria and their Enzymes for Water	No	\$219,147	\$117,244	\$336,391	\$319,57
	Treatment						
9/1/20 to 8/30/21	National Oceanic and Atmospheric	Administration					1
<u>Role</u>	Name	Department			<u>% Credit</u>		
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			95		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
N-128558-01	Data Management statement - SA	RS-CoV-2 wastewater surveillance	No	\$167,915	\$21,979	\$189,894	\$170,90
7/1/20 to 6/30/21	Ohio Environmental Protection Age	ncy through Ohio State University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			90		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of					
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of			10		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			0		
N-128558-01-l01	Data Management statement - SA		No	\$288,301	\$0	\$288,301	\$144,15
7/1/20 to 6/30/21	Ohio Environmental Protection Age	ncy through Ohio State University					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			50		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			25		
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of			25		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of					
N-128672-01	A novel model to study COVID-19		No	\$150,000	\$81,750	\$231,750	
6/14/21 to 5/31/22	National Institute of Allergy & Infect	ious Diseases					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Joe, Bina	Physiology & Pharmacology, Department of			100		
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of					
Co-I	Huntley, Jason F.	Med Microbiology & Immunology, Department of					

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N-128815-01	Colleges in the State of Ohio	of SARS-CoV-2 at Universities and	No	\$162,206	\$38,052	\$200,258	\$80,103
12/1/20 to 6/30/21	Ohio Water Resources Center throu	-					1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Department of			40		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			40		
PI/PD	Kang, Dae Wook	Civil & Environmental Engineering, Department of			20		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			***		
T-128316-01		y functions of nonsegmented negative	No	\$57,973	\$31,595	\$89,568	\$89,568
	strand RNA viral polymerases						
11/2/20 to 5/31/21	National Institute of Allergy & Infect	ious Diseases					1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ogino, Tomoaki	Med Microbiology & Immunology, Department of			100		
		Sum of Department (Med Microbiology & I	mmunolo	ogy, Dep Award	Count: 11.95		\$2,432,772
Medicine, Departmen						\$473 479	
Medicine, Departmen C-100389-20	Ryan White Part C (Title III) HIV Ea		mmunolo No	999, Dep Award	Count: 11.95 \$34,998	\$472,478	\$2,432,772 \$472,478
· •						\$472,478	
C-100389-20	Ryan White Part C (Title III) HIV Ea Program					\$472,478	
C-100389-20 4/1/21 to 3/31/22	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau	rly Intervention Services (EIS)			\$34,998	\$472,478	
C-100389-20 4/1/21 to 3/31/22 Role	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau <u>Name</u> Duggan, Joan	Intervention Services (EIS) Department Medicine, Department of			\$34,998 <u>% Credit</u>	\$472,478	
C-100389-20 4/1/21 to 3/31/22 Role PI/PD	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau <u>Name</u> Duggan, Joan	Intervention Services (EIS)	No	\$437,480	\$34,998 <u>% Credit</u> 100		
C-100389-20 4/1/21 to 3/31/22 Role PI/PD	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient	Intervention Services (EIS) Department Medicine, Department of	No	\$437,480	\$34,998 <u>% Credit</u> 100		
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07 7/1/20 to 6/30/21	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension	Intervention Services (EIS) Department Medicine, Department of	No	\$437,480	\$34,998 <u>% Credit</u> 100 \$0		
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension Gilead Sciences, Inc. Name	Intervention Services (EIS) Department Medicine, Department of ts with Heart Failure and Pulmonary Department	No	\$437,480	\$34,998 <u>% Credit</u> 100		
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07 7/1/20 to 6/30/21 Role	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J.	Intervention Services (EIS) Department Medicine, Department of ts with Heart Failure and Pulmonary	No	\$437,480	\$34,998 <u>% Credit</u> 100 \$0		
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07 7/1/20 to 6/30/21 Role PI/PD	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J.	Intervention Services (EIS) Department Medicine, Department of ts with Heart Failure and Pulmonary Department	No	\$437,480	\$34,998 <u>% Credit</u> 100 \$0		\$472,478
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07 7/1/20 to 6/30/21 Role PI/PD Stdnt Schol	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J. Gallagher, Casey Strong	Intervention Services (EIS) Department Medicine, Department of ts with Heart Failure and Pulmonary Department	No	\$437,480	\$34,998 <u>% Credit</u> 100 \$0 <u>% Credit</u>	\$0	
C-100389-20 4/1/21 to 3/31/22 Role PI/PD C-123246-07 7/1/20 to 6/30/21 Role PI/PD Stdnt Schol C-123999-07	Ryan White Part C (Title III) HIV Ea Program HIV/AIDS Bureau Name Duggan, Joan The Role of Endothelin-I in Patient Venous Hypertension Gilead Sciences, Inc. Name Khouri, Samer J. Gallagher, Casey Strong Zilver PTX V	Intervention Services (EIS) Department Medicine, Department of ts with Heart Failure and Pulmonary Department	No	\$437,480	\$34,998 <u>% Credit</u> 100 \$0 <u>% Credit</u>	\$0	\$472,478

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

Total Award

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edicine, Departmer	nt of						
-124705-07	A 5-Year Prospective Observation	al Registry to Assess Adverse Events	No	\$6,452	\$3,036	\$9,488	\$9,4
	of Interest and Effectiveness in Ac	lults with Active,					
	Autoantibody-Positive Systemic L	upus Erythematosus Treated with or					
	without BENLYSTATM (belimumat) ("SABLE")					
7/1/20 to 6/30/21	Outcome Sciences, Inc.						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Altorok, Nezam	Medicine, Department of			75		
Co-I	Kahaleh, M Bashar	Medicine, Department of			25		
C-125658-02	A5332: Randomized Trial to Preve	nt Vascular Events in HIV - REPRIEVE	Yes	\$4,721	\$1,227	\$5,948	\$5,94
5/1/18 to 4/30/22	National Heart, Lung & Blood Institu	ite through Massachusetts General Hospital					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of			100		
Co-I	Sheikh, Mujeeb Abdul	Medicine, Department of					
C-125732-05	Counter Regulatory Mechanisms	of Cardiotonic Steroids in	No	\$250,000	\$128,750	\$378,750	\$340,8
	Cardio-Renal Syndrome						
1/1/21 to 3/31/22	National Heart, Lung & Blood Institu	ite					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Kennedy, David Joseph	Medicine, Department of			90		
Co-I	Haller, Steven T.	Medicine, Department of					
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
Co-I	Zhu, Jianglong	Chemistry and Biochemistry, Department of			5		
C-125820-05	A Randomized Trial Comparing th	e ELUVIA™ Drug-Eluting Stent Versus	No	\$2,482	\$1,168	\$3,650	\$3,65
	Zilver® PTX® Stent for Treatment	of Superficial Femoral and/or					
	Proximal Popliteal Arteries						
7/1/20 to 6/30/21	Boston Scientific Corporation						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Burket, Mark	Medicine, Department of			100		
C-126102-03	MicroRNA-based therapy for rheu	matoid arthritis	No	\$3,305	\$1,802	\$5,107	\$5,10
7/1/20 to 6/30/21	National Institutes of Health through	n Washington State University					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Khuder, Sadik	Medicine, Department of			100		
C-126355-05	Myocardial Ischemia and Transfus	. ,	Yes	\$769	\$231	\$1,000	\$1,00
6/1/20 to 5/31/22	National Institutes of Health through	n Rutgers University					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gupta, Rajesh	Medicine, Department of			100		

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

This report does not show all projects that were active in FY21. This report shows only new and		
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost

ledicine, Departmer	nt of						
C-126600-04 7/1/20 to 6/30/21	The Randomized and Controlled Noninferiori and Clinical Efficacy of the SurVeil™ Drug-Co Treatment of Subjects with Stenotic Lesions Artery Compared to the Medtronic IN.PACT® Balloon. (TRANSCEND) Surmodics, Inc.	oated Balloon in the of the Femoropopliteal	No	\$12,547	\$5,904	\$18,451	\$18,45
Role	Name Depar				<u>% Credit</u>		
PI/PD	Burket, Mark Medici	ne, Department of			100		
C-126685-03 8/1/20 to 7/31/21	Role of histone Methyltransferase EZH3 in Ac Injury National Institutes of Health through Rhode Isla	No	\$6,157	\$3,356	\$9,513	\$9,51	
Role PI/PD	Name Depar	· · · ·			<u>% Credit</u> 100		
C-126741-03 7/1/20 to 6/30/21	A Multicenter, Randomized, Double-Blind, Pla Trial to Evaluate Efficacy and Safety of Lenak Cutaneous Systemic Sclerosis Protocol No. JBT101-SSc-002 Corbus Pharmaceuticals		No	\$9,844	\$4,633	\$14,477	\$14,47
Role PI/PD	<u>Name</u> <u>Depar</u> Kahaleh, M Bashar Medici	t <u>ment</u> ne, Department of			<u>% Credit</u> 100		
C-126777-04	An open-label extension trial to assess the lo nintedanib in patients with Systemic Scleros Lung Disease (SSc-ILD)		No	\$5,177	\$2,436	\$7,613	\$7,61
Role	Name Depar	tment			<u>% Credit</u>		
PI/PD	Kahaleh, M Bashar Medici	ne, Department of			100		
C-126847-06 6/1/21 to 5/31/22	The Melanocortinergic pathway in glomerula National Institute of Diabetes, Digestive & Kidn		No	\$227,790	\$124,146	\$351,936	\$351,93
Role PI/PD Co-I	S ¹ S	<u>tment</u> ne, Department of ne, Department of			<u>% Credit</u> 98 2		
C-126909-04	A Phase III Randomised, Double-Blind Trial to Safety of Once Daily Empagliflozin 10 mg Co Patients with Chronic Heart Failure with redu (HFrEF" Protocol No 1245.121	mpared to Placebo, in	No	\$3,212	\$1,512	\$4,724	\$4,72
7/1/20 to 6/30/21 Role	Name Depar	ment			% Credit]	
PI/PD		ne, Department of			<u>% Credit</u> 100		
PI/PD	Kilouli, Samer J. Medici	ne, Department of			100		

Dept Award

<u>Credit</u>

Total Award

Indirect Cost

	show all projects that were active in FY21. This re n new funds, i.e. not reported in a previous fiscal ye						Dept Award
n-going projects with	r new runus, i.e. not reported in a previous riscar y	zai.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ledicine, Departmei	nt of						
C-127002-04 7/1/20 to 6/30/21	A Randomized Phase 2 Trial of AM0010 in Co Vs. Nivolumab Alone s Second Line Therapy IV/Metastatic Wild Type Non-Small Cell Lung Expression of PD-L1 ("Cypress 2" J1L-AM- Eli Lilly and Company	in Patients With Stage Cancer and Low Tumor	No	\$24,965	\$11,748	\$36,713	\$36,713
Role		rtment			<u>% Credit</u>		1
PI/PD		zine, Department of			100		
Co-I		cine, Department of					
Co-I	•	ery, Department of					
Co-I		cine, Department of					
C-127023-03	STANDARD CHEMOTHERAPY VERSUS CHE CANCER STEM CELL CHEMOSENSITIVITY 1 MANAGEMENT OF PATIENTS WITH RECURF MULTIFORME (GBM). IRB#202696	MOTHERAPY CHOSEN BY ESTING IN THE	No	\$680	\$320	\$1,000	1
7/1/20 to 6/30/21	Cordgenics, LLC						
Role		rtment			<u>% Credit</u>		1
PI/PD		ery, Department of			100		
Co-I		cine, Department of			100		
Co-I	•	cine, Department of					
Co-I		ine, Department of					
C-127091-03	eFT508 in Combination With PD-1/PD-L1 Inh	· · ·	No	\$11,314	\$5,324	\$16,638	\$16,63
	Subjects Administered Anti-PD-1/Anti-PD-L1			, ,-		,	,
	Experiencing Insufficient Response to Chec						
7/1/20 to 6/30/21	eFFECTOR Therapeutics						
Role	Name Depa	rtment			<u>% Credit</u>		1
PI/PD	Skeel, Roland Medic	zine, Department of			100		
Co-I		ine, Department of					
C-127177-02	Role of hematopoietuc-specific MC1R in imm	· ·	No	\$209,279	\$111,964	\$321,243	\$321,24
	glomerulopathy			+;	····	···,-··	<i></i>
2/1/20 to 1/31/21	Mallinckrodt LLC						
Role	Name Depa	rtment			<u>% Credit</u>		1
PI/PD		zine, Department of			90		
Co-I		ine, Department of			10		
C-127177-03	Role of hematopoietuc-specific MC1R in imm	·	No	\$209,279	\$114,057	\$323,336	\$323,33
	glomerulopathy						
2/1/21 to 1/31/22	Mallinckrodt LLC						
Role	Name Depa	rtment			<u>% Credit</u>		
PI/PD	Gong, Rujun Medic	ine, Department of			90		
Co-I	Dworkin, Lance Medic	cine, Department of			10		

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on-going projects with new funds, i.e. not reported in a previous fiscal year.	

			<u></u>				
edicine, Departme	nt of						
C-127179-03	Medicaid Equity Simulation Proje	ect MEDTAPP Providers As Allies In	No	\$222,624	\$22,262	\$244,886	\$183,66
	Equity And Care (PAEC)						
7/1/20 to 6/30/21	Centers for Medicare and Medicai	d Services through Ohio State University					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dworkin, Lance	Medicine, Department of			75		
Co-I	Pappada, Scott Michael	Anesthesiology, Department of			25		
-127186-03	Retrospective and Prospective Ir	nternational EkoSonic Registry of the	No	\$4,196	\$1,974	\$6,170	\$6,17
	Treatment and Clinical Outcomes	s of Patients with Pulmonary					
	Embolism-KNOCOUT PE						
7/1/20 to 6/30/21	EKOS Corporation						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Gupta, Rajesh	Medicine, Department of			100		
-127202-03	A Phase 1/2 Safety, Pharmacokin	etic & Pharmacodynamic Study of	No	\$69,820	\$20,946	\$90,766	\$90,76
	APS001F W/ Flucytosine & Malto	se for the Treatment of Advanced					
	and/or Metastic Solid Tumors						
7/1/20 to 6/30/21							
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Skeel, Roland	Medicine, Department of			100		
Co-I	Hamouda, Danae M.	Medicine, Department of					
C-127204-03	A Phase 1/2 Study to Investigate	the Safety, Biologic and Anti-tumor	No	\$2,446	\$734	\$3,180	\$3,18
	Activity of ONCOS-102 in Combin	nation With Durvalumab in Subjects					
	With Advanced Peritoneal Malign	nancies					
7/1/20 to 11/4/20	Ludwig Institute for Cancer Resea	rch					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hamouda, Danae M.	Medicine, Department of			100		
Co-I	Skeel, Roland	Medicine, Department of					
C-127236-03	A Phase 2, Randomized, Double-	Blind, Placebo-Controlled, Multi-Center	No	\$4,821	\$2,268	\$7,089	\$7,08
	Study to Assess the Efficacy, Sat	fety, and Pharmacokinetics of					
	KBP-5074 in Patients With Moder	rate-to-Severe Chronic Kidney Disease					
	and Uncontrolled Hypertension						
7/1/20 to 6/30/21	Medpace, Inc						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dworkin, Lance	Medicine, Department of			50		
	Alam, Zubia R.	Medicine, Department of			50		

Direct Cost

Indirect Cost

Cash?

Dept Award

<u>Credit</u>

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Medicine, Departmer	nt of						
C-127238-03	NN1250-4419 SWITCH PRO - A randomi multi-centre trial comparing the effect o glargine 100U/mL, with or without OAD diabetes using flash glucose monitoring	f insulin degludec and insulin s in subjects with type 2	No	\$12,301	\$5,789	\$18,089	\$18,089
Role	Name	Department			% Credit		1
PI/PD		Medicine, Department of			100		
C-127262-03	A Phase 3, Interventional, Randomized, of DCC-2618 vs Sunitinib in Patients with Stromal Tumors after Treatment with Imatinib	Multicenter, Open-Label Study	No	\$680	\$320	\$1,000	\$1,000
7/1/20 to 6/30/21	Deciphera Pharmaceuticals, LLC						
Role PI/PD Co-I	Skeel, Roland	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
C-127408-02	Sequencing Familial Lung Cancer	· 1	No	\$24,287	\$13,236	\$37,523	\$37,523
1/1/21 to 12/31/21	National Institutes of Health through Bayl	or College of Medicine					
Role PI/PD Co-I	Willey, James	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 75 25		
C-127444-02	A Phase 1, Open-Label, Dose-Escalation Tolerability Study of INCB062079 in Sub Hepatocellular Carcinoma and Other Ma	jects With Advanced	No	\$31,504	\$14,825	\$46,329	\$46,329
7/1/20 to 6/30/21	Incyte						-
<u>Role</u> PI/PD		<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
C-127544-03 7/1/20 to 6/30/21	A Phase I/Ib Open-Label, Multi-Center, I Investigate the Safety, Pharmacokinetic Intravenous NBF 006 in Patients with No Pancreatic or Colorectal Cancer Nitto BioPharma	s and Preliminary Efficacy of	No	\$16,481	\$7,756	\$24,236	\$24,236
<u>Role</u> PI/PD		<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

•	show all projects that were active in h new funds, i.e. not reported in a p	n FY21. This report shows only new and previous fiscal year.	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award
Medicine, Departme	ent of					
C-127545-02	Gastric/Gastroesophageal Ju	Phase 1 Study of KN026 in HER2 Expressing Breast Cancer, Gastric/Gastroesophageal Junction Cancer and other Locally Advanced/Metastatic Solid Tumors			\$40,859	\$127,685
7/1/20 to 6/30/21						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Skeel, Roland	Medicine, Department of			100	
C-127564-02-W1	APPENDIX NN9535-4352 Lon	g-term effects of semaglutide on diabetic	No	\$11,000	\$5,176	\$16,176

	retinopathy in subjects with type	2 diabetes (FOCUS), trial phase 3b,		, ,		, , , ,	, , , ,
7/1/20 to 6/30/21							
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hejeebu, Srini K.	Medicine, Department of			100		
C-127574-02	A Phase 1/2 Study of In Situ Vacc	ination with Tremelimumab and IV	No	\$1,367	\$643	\$2,010	\$2,010
	Durvalumab (MEDI4736) Plus the	Toll-like Receptor Agonist PolyICLC in					
	Subjects with Advanced, Measura	able, Biopsy-accessible Cancers					
7/1/20 to 6/30/21	Ludwig Institute for Cancer Resear	ch					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hamouda, Danae M.	Medicine, Department of			100		
C-127611-03	MINHC project		No	\$18,518	\$1,482	\$20,000	\$10,000
9/1/20 to 8/31/21	Health Resources & Services Adm	inistration through University of Illinois at Chicago					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Sahloff, Eric G.	Pharmacy Practice, Department of			50		
Co-I	Duggan, Joan	Medicine, Department of			50		
C-127617-02	High-throughput analysis of hum	an toxicity and therapeutics targets of	No	\$38,080	\$20,372	\$58,452	\$55,529
	-	cross gut, liver, and kidney systems in					
	health and disease						
2/1/21 to 1/31/22	National Oceanic and Atmospheric	Administration through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Haller, Steven T.	Medicine, Department of			48		
PI/PD	Kennedy, David Joseph	Medicine, Department of			47		
Co-l	Gohara, Amira	Pathology, Department of			_		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of					

<u>Dept Award</u> <u>Credit</u>

\$127,685

\$16,176

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C-127667-03	Effective targeting surviving dime inhibitors	rization interface with small molecule	No	\$223,450	\$121,594	\$345,044	\$207,020
6/1/21 to 5/31/22	National Institute of General Medica	l Sciences					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Liu, JingYuan	Medicine, Department of			60		
Co-I	Zhang, Jian-Ting	Cancer Biology, Department of			40		
Stdnt Schol	Nguyen, Dylan Quang Rithik						
C-127728-02	Normalizing arginine metabolism	· ·	No	\$228,750	\$124,669	\$353,419	
	immunostimulatory-shift of HER2+	breast cancer					
3/1/21 to 2/28/22	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Furuta, Saori	Cancer Biology, Department of			100		
Statistician	Khuder, Sadik	Medicine, Department of					
C-127768-02	An open-label, multi-center, phase	1b/2 study to evaluate the	No	\$6,970	\$3,280	\$10,250	\$10,250
	safety and efficacy of copanlisib in	n combination with nivolumab					
	in patients with advanced solid tu	nors					
7/1/20 to 6/30/21	Bayer HealthCare Pharmaceuticals						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hamouda, Danae M.	Medicine, Department of			100		
C-127770-02	A Phase 3, Multicenter, Double-bli	nd, Randomized, Placebo-controlled,	No	\$14,996	\$7,057	\$22,053	\$22,053
	Parallel-group						
	Study to Investigate the Efficacy a	nd Safety of in Subjects with Acute					
	Coronary Syndrome						
7/1/20 to 6/30/21	CSL Behring LLC						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Moukarbel, George Victor	Medicine, Department of			100		
Stdnt Schol	Burket, Mark	Medicine, Department of					
C-127812-02	A Multicenter, Double-Blind, Rand	omized, Placebo-Controlled, Phase 3	No	\$52,533	\$24,722	\$77,255	\$77,255
	Study Evaluating the Safety and E	fficacy of Intravenous lloprost in					
	Subjects With Systemic Sclerosis	Experiencing Symptomatic Digital					
	Ischemic Episodes (AURORA Stud	iy)					
7/1/20 to 6/30/21	EICOS SCIENCES, INC.						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		

Direct Cost

Indirect Cost

Cash?

Dept Award

Credit

	how all projects that were active in FY new funds, i.e. not reported in a previ		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Adicina Danartmar	t of						
Medicine, Departmer C-127841-02-W1	Clinical Lead QI (Federal)		No	\$54,024	\$5,402	\$59,426	\$59,420
7/1/20 to 6/30/21	. ,	Services through Case Western Reserve				,	····
Role PI/PD	<u>Name</u> Ud Din, Shahab	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
C-127870-02	A Phase 1-2 Dose-Escalation and Intravenous eFT226 in Subjects w Malignancies eFFECTOR Therapeutics	Cohort-Expansion Study of ith Selected Advanced Solid Tumor	No	\$70,096	\$32,986	\$103,082	\$103,082
Role PI/PD	<u>Name</u> Skeel, Roland	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-127850-01 1/28/20 to 6/30/21	safety study, comp GSK3196165 conv synthetic DMARDs, in partic	randomised, double blind, efficacy & w/ placebo & w/ tofacitinib in combo w/ ipants w/ mod to severe active inadequate resp to conv synthetic	No	\$8,500	\$4,000	\$12,500	\$12,500
Role PI/PD	<u>Name</u> Altorok, Nezam	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128126-01 3/5/20 to 6/30/21	READY 1: A Phase 3, Randomized Placebo-Controlled Study On The Central Venous Access Devices (IQVIA Biotech	Use Of CUSA-081 For Dysfunctional	No	\$14,127	\$6,648	\$20,775	\$20,775
Role PI/PD	<u>Name</u> Ahmed, Zohaib	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128337-01 7/8/20 to 6/30/21	Phase 1/1b Study to Evaluate the (Anti-CD39) in Combination with A mFOLFOX6 in Subjects with Solid Tizona Therapeutics, INC.	ABBV-181 (Anti-PD-1) and/or	No	\$13,007	\$6,121	\$19,128	\$19,128
Role PI/PD	<u>Name</u> Skeel, Roland	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

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N-128348-01	Development of Novel Inducers TNBC	of Non-Apoptotic Cell Death to Target	No	\$999,942	\$422,817	\$1,422,759	\$42,683
1/1/21 to 12/31/23	U.S. Department of Defense						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics,	Department of		88		
Co-I	Gunning, William T.	Pathology, Department of			3		
Co-I	Khuder, Sadik	Medicine, Department of			3		
Co-I	Raman, Dayanidhi	Cancer Biology, Department of			3		
Co-I	Tang, Yuan	Bioengineering, Department of			3		
N-128412-01	A Phase 3 Study of Relacorilan	t in Combination with Nab-Paclitaxel in	No	\$118,274	\$55,658	\$173,932	\$173,932
	Patients with Metastatic Pancre	eatic Ductal Adenocarcinoma (RELIANT)					
9/23/20 to 6/30/21	Corcept Therapeutics						
Role	Name	Department			% Credit		
PI/PD	Skeel, Roland	Medicine, Department of			100		
N-128457-01	A Randomized, Double-Blind, F	Placebo-Controlled, Repeat-Dose,	No	\$13,005	\$6,120	\$19,125	\$19,125
		he Safety, Tolerability, Pharmacokinetics		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			• - •
	-	xplore Efficacy of TEPEZZA in Patients					
	with Diffuse Cutaneous System	• •					
8/3/20 to 6/30/21	Horizon Therapeutics USA, Inc.						
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
N-128483-01	A Phase 2b, Multicenter, Rando		No	\$8,925	\$4,200	\$13,125	\$13,125
		oup Study to Evaluate the Efficacy,		<i>v</i> , v _0	+ .,••	<i>•••••••••••••••••••••••••••••••••••••</i>	<i> </i>
		rimod in Subjects with Moderate or					
	Severe Systemic Lupus Erythe	•					
8/11/20 to 6/30/21							
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
N-128559-01		, Active-controlled, Parallel-group,	No	\$30,630	\$14,414	\$45,044	\$45,044
14-120333-01		dy Eval. Efficacy, Safety, Tolerability of	NO	450,050	ψιτ,τιτ	ψ-3,0	ψ+5,0++
	• • •	tegravir Long-acting Rilpivirine admin.					
		imen in HIV-1 Infected Adults who are					
	Virologically Supp.						
	Virologically oupp.						
1/11/21 to 6/30/21	GlaxoSmithKline						
1/11/21 to 6/30/21 Role	<i>GlaxoSmithKline</i> Name	Department			% Credit		

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

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on-going projects with new funds, i.e. not reported in a previous fiscal year.

on-going projects with	g projects with new funds, i.e. not reported in a previous fiscal year.			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Department	of						
N-128606-01 8/7/20 to 6/30/21		Placebo-controlled Study to Evaluate the 923 In Adult Patients With Severe -CoV-2 Infection (COVID-19)	No	\$32,900	\$15,483	\$48,383	\$48,383
<u>Role</u> PI/PD	<u>Name</u> Safi, Fadi Alil	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128649-01 9/21/20 to 6/30/21	Bladder Cancer (NMIBC) Unr (BCG)	G Oncology, Inc.			\$21,084	\$65,888	\$65,888
Role PI/PD Co-I	<u>Name</u> Petros, Firas G. Skeel, Roland	<u>Department</u> Urology, Department of Medicine, Department of			<u>% Credit</u> 100		
N-128654-01 8/6/20 to 5/31/21	Treatment of COVID-19 in Ho	ating Putative Therapeutics for the spitalized Adults nfectious Diseases through Social & Scientific Syst	No ems, Inc.	\$236,300	\$111,200	\$347,500	\$347,500
<u>Role</u> PI/PD	<u>Name</u> Ellis, Michael	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128716-01 2/11/21 to 6/30/21	in Combination With Anti-PD	, Placebo-Controlled Trial of Tomivosertib -(L)1 Therapy in Subjects With Non-Small ne Therapy or When Progressing on PD (L)1 Therapy	No	\$11,457	\$5,391	\$16,848	\$16,848
Role PI/PD	<u>Name</u> Skeel, Roland	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128717-01 11/19/20 to 6/30/21	A Phase 2 trial evaluating sat associated acute hypoxemia Partner Therapeutics, Inc.	gramostim in patients with COVID-19	No	\$27,234	\$12,816	\$40,050	\$40,050
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128734-01	Treatment, DPX-Survivac in (center, Study of an Immunotherapeutic Comb W/ Low Dose Cyclophosphamide & with Selected Adv. or Recurrent Solid	No	\$13,821	\$6,504	\$20,325	\$20,325
10/7/20 to 6/30/21 <u>Role</u> PI/PD	<u>Name</u> Skeel, Roland	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

Dept Award

	now all projects that were active in FY2 new funds, i.e. not reported in a previo						Dept Award
-going projects with			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
edicine, Department	t of						
N-128749-01	The National Nursing Home COVID		No	\$181,132	\$58,868	\$240,000	\$240,00
9/24/20 to 7/23/21	Agency for Healthcare Research an	d Quality through University of New Mexico					1
<u>Role</u> PI/PD	<u>Name</u> Hanrahan, Jennifer Anne	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128784-01	A Phase 1/2a, Dose-Escalation and Dose-Expansion Study of ZX-101A in Patients with Relapsed/Resistant or Refractory Advanced Hematologic Malignancies		No	\$14,433	\$6,792	\$21,225	\$21,22
12/7/20 to 6/30/21							1
<u>Role</u> PI/PD	<u>Name</u> Skeel, Roland	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-128858-01	Reframing Optimal Management o	f Pain and Opioids in Older Adults	No	\$9,209	\$5,019	\$14,228	\$14,22
2/1/21 to 8/31/21	Agency for Healthcare Research an	d Quality through University of Michigan					1
Role	<u>Name</u>	Department Madicina Danastraat of			<u>% Credit</u>		
PI/PD	Akpunonu, Basil	Medicine, Department of	Na	¢4.000	100	¢4.000	
N-129004-01	Advisory Services to the Great Lal U.S. Geological Survey through Gre		No	\$1,000	\$0	\$1,000	\$1,00
3/29/21 to 5/1/21 Role					<u>% Credit</u>		1
PI/PD	<u>Name</u> Kennedy, David Joseph	<u>Department</u> Medicine, Department of			<u>-% Credit</u> 100		
N-129033-01	Ohio I-Corps: Chimeric Antigen Re	-	No	\$11,250	\$1,250	\$12,500	\$12,50
5/1/21 to 11/30/21	(Tregs) to revert autoimmune diab Ohio Department of Higher Education						
Role	Name	Department			% Credit		1
PI/PD	Jaume, Juan Carlos	Medicine, Department of			100		
N-129058-01	Advisory Services to the Great La	es HABs Collaboration	No	\$1,000	\$0	\$1,000	\$1,00
3/29/21 to 5/1/21	U.S. Geological Survey through Gre	at Lakes Commission					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Haller, Steven T.	Medicine, Department of			100		
R-100043-20-l01	Members AIDS Healthcare (WICY		No	\$415,287	\$46,142	\$461,429	\$461,42
8/1/19 to 7/30/22	U.S. Department of Health and Hun	nan Services					1
Role PI/PD	<u>Name</u> Durgen Joan	Department Madicina Department of			<u>% Credit</u>		
Dir Ctr/Inst	Duggan, Joan Himich, Katie	Medicine, Department of Medicine, Department of			100		
R-101303-16	Social Marketing Advertising CTR		No	\$27,000	\$0	\$27,000	ا \$27,0(
1/1/21 to 12/31/21		evention through Lucas County Regional Health I		,,,			,,et
Role	Name	<u>Department</u>			<u>% Credit</u>		1
PI/PD	Duggan, Joan	Medicine, Department of			100		

-	show all projects that were active in FY2	•					Dept Award
on-going projects with	n new funds, i.e. not reported in a previo		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Credit
Medicine, Departmer	nt of						
R-127064-03	Cardi-OH		No	\$247,358	\$24,736	\$272,094	\$272,094
7/1/20 to 6/30/21	Ohio Department of Medicaid throug Center	gh Case Western Reserve University/Case Med	lical				_
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Dworkin, Lance	Medicine, Department of			100		
		Sum of Department (N	/ledicine, Depar	tment of) Awa	rd Count: 59.73		\$4,993,345
Neurology, Departme	ent of						
C-124574-06		onal, parallel-cohort study monitoring	No	\$180	\$85	\$265	\$265
	safety in patients with MS newly st						
7/1/20 to 6/30/21	treated with another approved dise	ease-modifying therapy					
	Nama	Department			0/ Creadit		1
Role PI/PD	<u>Name</u> Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of			<u>% Credit</u> 80		
Co-I	Koffman, Boyd	Neurology, Department of Neurology, Department of			20		
C-125177-06	A Phase 2 Clinical Trial of the VX1		No	\$32,097	\$15,105	\$47,202	\$47,202
0-120111-00	Disease	Szece Antibody in Hantington's	NO	ψ 0 2,001	φ10,100	ψ 4 7,202	ψ 1 7,202
7/1/20 to 6/30/21	Vaccinex, Inc.						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
C-125431-05	An Open-Label, Phase 3 Study Exa	amining the Long-Term Safety,	No	\$15,148	\$7,128	\$22,276	\$22,276
	Tolerability and Efficacy of APL-13	· ·					
	Patients with Parkinson's Disease	Complicated by Motor Fluctuations					
7/1/20 to 6/30/21		_					-
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
C-125470-05	-	ymptomatic Neurogenic Orthostatic	No	\$0	\$0	\$0	\$0
	••	Effects of Droxidopa Therapy (Study					
7/1/20 to 6/30/21	No. 16306A) Lundbeck Inc.						
Role	Name	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Co-I	Scott, Mary E.	Neurology, Department of					

•	show all projects that were active in FY n new funds, i.e. not reported in a prev		Cooh?	Direct Cost	Indiraat Coat	Total Award	<u>Dept Award</u> <u>Credit</u>
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	
Neurology, Departme	ent of						
C-126796-04	A Phase 3, 12 Wk, Multi-Ctr, Mult Double-Dummy, Parallel Group S of P2B001 Once Daily Compared Subjects W/ Early Parkinson's D Pramipexole ER, Protocol P2B00	tudy to Det. the Efficacy, Safety, & Tol. to its Individual Components in isease & to a Calibration Arm of	No	\$34,992	\$16,467	\$51,459	\$51,459
7/1/20 to 6/30/21	· · ·						_
<u>Role</u> PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-126796-05	A Phase 3, 12 Wk, Multi-Ctr, Mult Double-Dummy, Parallel Group S of P2B001 Once Daily Compared Subjects W/ Early Parkinson's D Pramipexole ER, Protocol P2B00	tudy to Det. the Efficacy, Safety, & Tol. to its Individual Components in isease & to a Calibration Arm of	Yes	\$39,584	\$11,875	\$51,459	\$51,459
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
C-127275-02	Multicenter, Phase 3 Study to Ev Intravenous BIIB093 (Glibenclam	Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Phase 3 Study to Evaluate the Efficacy and Safety of Intravenous BIIB093 (Glibenclamide) for Severe Cerebral Edema following Large Hemispheric Infarction		\$931	\$438	\$1,370	\$1,370
Role	Name	Department			% Credit		1
PI/PD	Zaidi, Syed Fazal Abbas	Neurology, Department of			100		
C-127279-02	-	to Compare the Safety and Efficacy of Carbidopa-Levodopa in Parkinson's tuations	No	\$16,450	\$7,741	\$24,192	\$24,192
Role	··· ,	Department			<u>% Credit</u>		1
PI/PD	<u>Name</u> Elmer. Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-127279-03	A Randomized Controlled Study	to Compare the Safety and Efficacy of Carbidopa-Levodopa in Parkinson's	Yes	\$24,192	\$0	\$24,192	\$24,192
Role	Name	<u>Department</u>			<u>% Credit</u>		1
PI/PD	Elmer, Lawrence	Neurology, Department of			100		

	show all projects that were active in FY21. This report shows only new and new funds, i.e. not reported in a previous fiscal year.					<u>Dept Award</u>
r geing projecte with		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
eurology, Departme	ent of					
C-127352-02-W2 7/1/20 to 6/30/21	Observational evaluation of effectiveness and patient- reported outcomes (PROs) in suboptiMAlly controlled patientS previously Taking oral disEase-modifying dRugs (DMDs) for relapsing forms of Multiple Sclerosis (RMS) (MASTER-2)	No	\$0	\$0	\$0	\$
Role	Name Department			<u>% Credit</u>		1
PI/PD	Derani, Talal M. Neurology, Department of			100		
C-127352-02-W3	CLadribine tablets: Observational evaluation of effectiveness and patient- reported outcomes (PROs) in suboptimally Controlled patients previously taking injectable disease-modifying drugs (DMDs) for relapsing forms of Multiple Sclerosis (RMS) (CLICK-MS)	No	\$0	\$0	\$0	\$
7/1/20 to 6/30/21						1
Role	Name Department			<u>% Credit</u>		
PI/PD	Derani, Talal M. Neurology, Department of			100		
C-127418-03 7/1/20 to 6/30/21	ENGAGE-E-001: A Double-Blind, Placebo-Controlled, Inpatient, Dose-Ranging Efficacy Study of Staccato Alprazolam (STAP-001) in Subjects with Epilepsy with a Predictable Seizure Pattern Engage Therapeutics, Inc	No	\$0	\$0	\$0	\$
Role	Name Department			% Credit		1
PI/PD	Sheikh, Ajaz Ahmad Neurology, Department of			100		
C-127565-02	A 14 Week, Double-Blind, Randomized, Three Arm, Parallel Group Study to Assess the Efficacy and Safety of Two Doses of Pridopidine versus Placebo for the Treatment of Levodopa Induced Dyskinesia in Patients with Parkinson's Disease."("Study") in accordance with Sponsor's protocol no. PL101-LID201	No	\$1,161	\$547	\$1,708	\$1,70
Role	Name Department			% Credit		1
PI/PD	Elmer, Lawrence Neurology, Department of			100		
C-127577-02-W1	A Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Safety, Tolerability and Efficacy of XEN1101 as Adjunctive Therapy in Focal-onset Epilepsy Protocol Number: XPF-008-201	No	\$10,258	\$4,828	\$15,086	\$15,08
7/1/20 to 6/30/21	- · · ·			04 C		1
Role	Name Department			<u>% Credit</u>		
PI/PD	Ali, Imran Izzat Neurology, Department of			100		

	n new funds, i.e. not reported in a pr	FY21. This report shows only new and					Dept Award
n-going projects with	r new runds, i.e. not reported in a pr		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
leurology, Departme	ent of						
C-127750-02 7/1/20 to 6/30/21	-	y Of The Safety And Clinical Utility Of Patients With Motor Fluctuations	No	\$2,637	\$1,241	\$3,878	\$3,878
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-127750-03 7/1/21 to 6/30/22	-	y Of The Safety And Clinical Utility Of Patients With Motor Fluctuations	Yes	\$3,878	\$0	\$3,878	\$3,878
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-127800-02		lind, Placebo-controlled Study to Evaluate n Subjects With Parkinson's Disease Low Dose Quetiapine	No	\$10,578	\$4,978	\$15,556	\$15,556
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-127958-02	safety, and tolerability of conti	clinical trial, investigating the efficacy, inuous subcutaneous ND0612 infusion in n subjects with Parkinson's disease	No	\$10,880	\$5,120	\$16,000	\$16,000
7/1/20 to 6/30/21							1
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-127996-02		ble-blind, Placebo-controlled Study to and Tolerability of 36 Weeks of Treatment kinson's Disease	No	\$2,210	\$1,040	\$3,250	\$3,250
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
C-128018-02	Dose Study to Evaluate Safety	ouble-Blind, Placebo-Controlled, Multiple , Tolerability and Efficacy of Orally reatment of Parkinson's Disease-Related	No	\$10,710	\$5,040	\$15,750	\$15,750
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

			<u>Cash?</u>	Direct Cost	indirect Cost	<u>Total Awaru</u>	Creat
eurology, Departme	nt of						
C-128029-02	A RANDOMIZED, DOUBLE-BLIND PARALLEL GROUP, MULTICENT THERAPY IN ADULTS WITH DRU SEIZURES Cerevel Therapeutics, LLC	ER TRIAL OF CVL-865 AS ADJUNCTIVE	No	\$8,942	\$4,208	\$13,150	\$13,1
	•	Depertment			0/ One dit		
<u>Role</u> PI/PD	<u>Name</u> Ali. Imran Izzat	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-128125-01	,	e-blind, Placebo-controlled, Parallel	No	\$6,460	\$3,040	\$9,500	\$9,5
5/26/20 to 6/30/21	Group, Multicenter Study to Eval (ADX48621) for the Treatment of	the Safety and Eff. of Dipraglurant Dyskinesia in Pts with Parkinson's herapy with or without Concomitant	NO	\$0,400	\$3,040	\$5,500	φσ,
Role	Name	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
I-128184-01 7/22/20 to 5/31/21	Tracer		No	\$0	\$0	\$0	
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Jumaa, Mouhammad A.	Neurology, Department of			100		•
I-128436-01	Double Dummy, Active Controlle	ized, Parallel Group, Double Blind, d Study of Evobrutinib Compared with th Relapsing Multiple Sclerosis to	No	\$14,212	\$6,688	\$20,900	\$20, !
/11/20 to 6/30/21							
Role PI/PD	Name Kaffman Baud	Department			<u>% Credit</u>		
	Koffman, Boyd	Neurology, Department of	No	¢40.004	100	¢44755	¢4.4 *
N-128446-01	Group, Flexible Dose, 27 Week T Tolerability of Tavapadon as Adju	nized, Placebo Controlled, Parallel rial to Evaluate the Efficacy, Safety, and unctive Therapy for Parkinson's ults With Motor Fluctuations (TEMPO 3	NO	\$10,034	\$4,721	\$14,755	\$14,7
5/26/20 to 6/30/21	Cerevel Therapeutics, LLC						
Role	Name	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
L		Sum of Department (Ne					\$355,8

Neurosciences, Department of

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

C-125299-05	Study of Early Brain Alterations th PTSD	at Predict Development of Chronic	No	\$474,833	\$183,897	\$658,730	\$65,873
7/1/20 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			89		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					
Co-I	Tull, Matthew T.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of			10		
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Scien	ce, Department	of	1		
C-127388-02	Translational assessment of brain	bioenergetic function in	No	\$90,063	\$48,184	\$138,247	\$138,247
	schizophrenia						
11/1/20 to 10/31/21	National Institutes of Health through	University of Maryland at Baltimore					
Role	Name	Department			% Credit		
PI/PD	McCullumsmith, Robert E.	Neurosciences, Department of			100		
C-127409-02	Molecular and Functional Analysis	of Hirschsprung Defects in Humans	No	\$59,137	\$32,230	\$91,367	\$45.684
	and Mouse				+,		
4/1/21 to 3/31/22	National Institutes of Health through	University of Pittsburgh					
Role	Name	Department			% Credit		
PI/PD	Howard, Marthe	Neurosciences, Department of			50		
Co-I	Kalinoski, Andrea L.	Surgery, Department of			50		
C-127986-04	Behavioral and Neurological Effec	ts of Developmental Pyrethroid	No	\$161,165	\$87,835	\$249,000	\$249,000
	Exposure in Rodents			<i>•••••</i> ,•••	+••···•···	+,	+,
5/1/21 to 4/30/22	National Institute of Environmental F	lealth Sciences					
Role	Name	Department			% Credit		
PI/PD	Burkett. James Patrick	Neurosciences, Department of			100		
N-127247-01-A1	Novel Liver Signaling Pathways Co	, ,	No	\$288,533	\$144,257	\$432,790	\$432,790
			NO	φ200,555	φ144,237	φ 4 52,750	φ 4 52,730
7/6/20 to 9/2/20	National Institute of Diabetes, Diges						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Hinds, Terry D.	Neurosciences, Department of			100		
N-129186-01	Services Agreement		No	\$15,152	\$4,848	\$20,000	\$20,000
3/1/21 to 9/30/21	University of Alabama at Birminghar	n					
Role	Name	Department			% Credit		
PI/PD	McCullumsmith, Robert E.	Neurosciences, Department of			100		

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

•	t show all projects that were active in FY ith new funds, i.e. not reported in a previ		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
leurosciences, De	partment of						
S-125299-05-S1	PTSD	hat Predict Development of Chronic	No	\$190,088	\$103,598	\$293,686	\$58,73
4/28/21 to 6/30/22							1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			80		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-l Co-l	Elhai, Jon D. Xia, Hang	Psychology, Department of Neurosciences, Department of			20		
Co-I	Xie, Hong Xu, Kevin Shuai	Electrical Engineering and Computer Science,	Doportmont	of	20		
Sum of Department (Neurosciences, Department					rd Count: 4.80		\$1,010,33 [.]
bstetrics & Gyne	cology, Department of						
C-126681-04	Elagolix in Combination with Est	Long-Term Safety and Efficacy of radiol/Norethindrone Acetate for the Bleeding Associated with Uterine en	No	\$6,075	\$2,859	\$8,934	\$8,93
7/1/20 to 6/30/21	AbbVie						
Role	Name	Department			% Credit]
PI/PD	Smaili, Sleiman K.	Obstetrics & Gynecology, Department of			100		
		Sum of Department (Obstetrics & Gyne	ecology, Dep	artment Awa	rd Count: 1.00		\$8,93
-	ery, Department of						
C-127072-02	Nuclear Receptor Chaperones in		No	\$250,000	\$136,000	\$386,000	
7/1/20 to 6/30/22	National Institute of Diabetes, Dige	stive & Kidney Diseases					-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Sanchez, Edwin	Physiology & Pharmacology, Department of			100		
Co-I	Hinds, Terry D.	Physiology & Pharmacology, Department of					
Co-I	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of					
D-124700-05	Molecular characterization of nov	el insulin sensitizers	No	\$(3,799)	\$(2,032)	\$(5,831)	\$(5,83 [,]
5/1/19 to 4/30/21	National Institute of Diabetes, Dige Institute	stive & Kidney Diseases through Scripps Research					

	Institute		
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of	100

	how all projects that were active in FY new funds, i.e. not reported in a previous of the provided in the previous of the provided in the previous of the provided in the pr		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
				Direct Cost		<u>Total Awaru</u>	
rthopaedic Surgery	, Department of						
S-127072-01-S1	Nuclear Receptor Chaperones in	Signaling & Metabolism	No	\$15,000	\$0	\$15,000	\$7,50
8/28/20 to 6/30/21	National Institute of Diabetes, Dige	stive & Kidney Diseases					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Sanchez, Edwin	Physiology & Pharmacology, Department of			50		
Co-I	Hinds, Terry D.	Physiology & Pharmacology, Department of					
Co-I	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of			50		
		Sum of Department (Orthopaedic Sur	gery, Depar	tment of) Awa	rd Count: 1.50		\$1,66
orthopedics							
C-127016-03	Common mechanisms regulating		No	\$99,305	\$9,930	\$109,235	\$109,23
	remodeling and energy metabolis						
1/1/21 to 12/31/21	American Diabetes Association-Na				<u> </u>		1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lecka-Czernik, Beata	Orthopedics			100		
N-127984-01	Marrow Adiposity: Bone, Aging, a	and Beyond 6th International	No	\$26,587	\$0	\$26,587	\$26,58
	Conference of Bone						
	Marrow Adiposity Society						
8/15/20 to 7/31/21	National Institute on Aging						1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lecka-Czernik, Beata	Orthopedics			100		
R-128265-03	J & J Course Support		No	\$15,050	\$0	\$15,050	\$15,05
5/26/21 to 12/31/21	Johnson & Johnson Medical Devic	e Business Services Inc					-
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ebraheim, Nabil	Orthopedics			100		
		Sum of Depar	rtment (Orth	opedics) Awa	rd Count: 3.00		\$150,87
athology, Departme	nt of						
C-127617-02	High-throughput analysis of hum	an toxicity and therapeutics targets of	No	\$38,080	\$20,372	\$58,452	
	emergent chemicals of concern a	cross gut, liver, and kidney systems in					
	health and disease						
2/1/21 to 1/31/22	National Oceanic and Atmospheric	Administration through Ohio State University					-
Role	<u>Name</u>	Department			% Credit		
PI/PD	Haller, Steven T.	Medicine, Department of			48		
PI/PD	Kennedy, David Joseph	Medicine, Department of			47		
Co-I	Gohara, Amira	Pathology, Department of					
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of					1

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

N-128348-01	Development of Novel Inducers o TNBC	f Non-Apoptotic Cell Death to Target	No	\$999,942	\$422,817	\$1,422,759	\$42,68
1/1/21 to 12/31/23	U.S. Department of Defense						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Tiwari, Amit K.	Pharmacology & Experimental Therapeutics, De	partment of		88		
Co-I	Gunning, William T.	Pathology, Department of			3		
Co-I	Khuder, Sadik	Medicine, Department of			3		
Co-I	Raman, Dayanidhi	Cancer Biology, Department of			3		
Co-I	Tang, Yuan	Bioengineering, Department of			3		
R-127773-02	Testing Services on Whole Blood		No	\$7,500	\$2,400	\$9,900	\$9,90
9/15/20 to 3/14/21	Invitro Cell Research ICR, LLC						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gunning, William T.	Pathology, Department of			100		
		Sum of Department (Patholo	ogy. Departm	nent of) Award	Count: 1.03		\$52,58
			37 , p				<i></i> ,
ediatrics, Departme							
N-129073-01	Reach Out and Read		No	\$15,175	\$0	\$15,175	\$15,17
1/1/21 to 12/31/21	Reach Out and Read						
Role	Name	Department			% Credit		
PI/PD	Legendre, Lori R.	Pediatrics, Department of			100		
PI/PD	Legendre, Lori R.		ics. Departm	nent of) Award			\$15,17
		Pediatrics, Department of Sum of Department (Pediatr	ics, Departm	nent of) Award			\$15,17
	acology, Department of	Sum of Department (Pediatr	ics, Departm	-	Count: 1.00		
hysiology & Pharma	acology, Department of Defective melanocortin signaling		ics, Departm No	hent of) Award		\$32,353	
hysiology & Pharma C-124233-04-l01	acology, Department of Defective melanocortin signaling dysfunction	Sum of Department (Pediatr		-	Count: 1.00	\$32,353	\$15,17 \$32,35
	acology, Department of Defective melanocortin signaling	Sum of Department (Pediatr		-	Count: 1.00	\$32,353	
hysiology & Pharma C-124233-04-l01	acology, Department of Defective melanocortin signaling dysfunction	Sum of Department (Pediatr		-	Count: 1.00	\$32,353	•
hysiology & Pharma C-124233-04-I01 4/26/18 to 9/30/21	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health &	Sum of Department (Pediatr underlying T2D-associated erectile Human Development		-	Count: 1.00 \$10,998	\$32,353	· · ·
hysiology & Pharma C-124233-04-I01 4/26/18 to 9/30/21 Role PI/PD	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health & <u>Name</u>	Sum of Department (Pediatr underlying T2D-associated erectile <i>Human Development</i> <u>Department</u> Physiology & Pharmacology, Department of		-	Count: 1.00 \$10,998 <u>% Credit</u>	\$32,353	
hysiology & Pharma C-124233-04-I01 4/26/18 to 9/30/21 Role PI/PD	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health & <u>Name</u> Hill, Jennifer E.W.	Sum of Department (Pediatr underlying T2D-associated erectile <i>Human Development</i> <u>Department</u> Physiology & Pharmacology, Department of	No	\$21,355	Count: 1.00 \$10,998 <u>% Credit</u> 100		\$32,3
nysiology & Pharma C-124233-04-101 4/26/18 to 9/30/21 Role PI/PD C-126570-04	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health & <u>Name</u> Hill, Jennifer E.W. Genetic, Epigenetic and Dietary S	Sum of Department (Pediatr underlying T2D-associated erectile Human Development Department Physiology & Pharmacology, Department of Salt effects on Microbiota and	No	\$21,355	Count: 1.00 \$10,998 <u>% Credit</u> 100		\$32,3
hysiology & Pharma C-124233-04-I01 4/26/18 to 9/30/21 Role PI/PD C-126570-04	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health & <u>Name</u> Hill, Jennifer E.W. Genetic, Epigenetic and Dietary S Hypertension	Sum of Department (Pediatr underlying T2D-associated erectile Human Development Department Physiology & Pharmacology, Department of Salt effects on Microbiota and	No	\$21,355	Count: 1.00 \$10,998 <u>% Credit</u> 100		\$32,3
hysiology & Pharma C-124233-04-I01 4/26/18 to 9/30/21 Role PI/PD C-126570-04 5/1/21 to 4/30/22	acology, Department of Defective melanocortin signaling dysfunction National Institute of Child Health & <u>Name</u> Hill, Jennifer E.W. Genetic, Epigenetic and Dietary S Hypertension National Heart, Lung & Blood Instit	Sum of Department (Pediatr underlying T2D-associated erectile Human Development Department Physiology & Pharmacology, Department of Salt effects on Microbiota and ute	No	\$21,355	Count: 1.00 \$10,998 <u>% Credit</u> 100 \$235,119		\$32,3

-	now all projects that were active in FY21 new funds, i.e. not reported in a previou		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
hysiology & Pharma	cology, Department of						
C-126676-05	Interplay between Dietary Fiber and Carcinoma	Gut Microbiota in Hepatocellular	No	\$188,019	\$95,240	\$283,259	\$283,259
7/1/20 to 6/30/21	National Cancer Institute						-
<u>Role</u> PI/PD	<u>Name</u> Kumar, Matam Vijay	<u>Department</u> Physiology & Pharmacology, Department of			<u>% Credit</u> 100		
C-126965-05	Intrarenal Arteries Sense N-formyl F in Sepsis National Institute of General Medical		No	\$145,049	\$79,051	\$224,100	\$224,100
Role PI/PD	<u>Name</u> Wenceslau, Camilla Ferreira	<u>Department</u> Physiology & Pharmacology, Department of			<u>% Credit</u> 100]
C-126965-05-l01	Intrarenal Arteries Sense N-formyl F		No	\$16,116	\$8,784	\$24,900	\$24,900
12/1/20 to 11/30/21	National Institute of General Medical	Sciences					_
<u>Role</u> PI/PD	<u>Name</u> Wenceslau, Camilla Ferreira	<u>Department</u> Physiology & Pharmacology, Department of			<u>% Credit</u> 100		
C-127072-02	Nuclear Receptor Chaperones in Si	gnaling & Metabolism	No	\$250,000	\$136,000	\$386,000	\$386,000
7/1/20 to 6/30/22	National Institute of Diabetes, Digesti	ve & Kidney Diseases					
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Sanchez, Edwin Hinds, Terry D. Lecka-Czernik, Beata	<u>Department</u> Physiology & Pharmacology, Department of Physiology & Pharmacology, Department of Orthopaedic Surgery, Department of			<u>% Credit</u> 100		
C-127617-02	emergent chemicals of concern acr health and disease	toxicity and therapeutics targets of oss gut, liver, and kidney systems in dministration through Ohio State University	No	\$38,080	\$20,372	\$58,452	
Role	Name	Department			% Credit		1
PI/PD PI/PD Co-I	Haller, Steven T. Kennedy, David Joseph Gohara, Amira	Medicine, Department of Medicine, Department of Pathology, Department of			48 47		
Co-I Co-I	Isailovic, Dragan Modyanov, Nikolai	Chemistry and Biochemistry, Department of Physiology & Pharmacology, Department of			5		
D-124233-03 6/14/17 to 9/30/21	Defective Melanocortin Signaling U Dysfunction National Institute of Child Health & He		No	\$(12,450)	\$(6,412)	\$(18,862)	\$(18,862
Role PI/PD	<u>Name</u> Hill, Jennifer E.W.	Department Physiology & Pharmacology, Department of			<u>% Credit</u> 100]

This report does not show all projects that were active in FY21. This report shows only new and	
on-going projects with new funds, i.e. not reported in a previous fiscal year.	

		<u>-</u>	<u>Jusii:</u>	<u>Direct 0031</u>		<u>Total / Wara</u>	orodit
hysiology & Pharma	cology, Department of						
N-127457-01-A1	Formyl peptide receptor activation i remodeling in hypertension National Heart, Lung & Blood Institute		No	\$225,000	\$122,625	\$347,625	\$347,62
					0/ One dit		
Role PI/PD	<u>Name</u> Wenceslau, Camilla Ferreira	<u>Department</u> Physiology & Pharmacology, Department of			<u>% Credit</u> 100		
I-127457-01-l01	·		Na	¢05.000			¢20.00
1-12/45/-01-101	Formyl peptide receptor activation i remodeling in hypertension	nduces vascular plasticity and	No	\$25,000	\$13,625	\$38,625	\$38,62
/15/21 to 12/31/21	National Heart, Lung & Blood Institute	2					
Role	Name	Department			% Credit		
PI/PD	Wenceslau, Camilla Ferreira	Physiology & Pharmacology, Department of			100		
N-127586-01	Autophagy regulates ß-hydroxybuty		No	\$101,704	\$8,136	\$109,840	\$109,84
127 300-01	hypertension-associated premature		NO	\$101,704	φ0,150	\$105,040	φ103,04
7/1/20 to 6/30/21	National Heart, Lung & Blood Institute						
Role	Name	Department			% Credit		
PI/PD	McCarthy, Cameron G.	Physiology & Pharmacology, Department of			<u></u>		
Co-I	Joe, Bina	Physiology & Pharmacology, Department of			75		
Co-I	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			25		
N-128170-01	Anti-Inflammatory Functions of Nor	-Transcriptional IRF3	No	\$314,051	\$156,988	\$471,039	\$23,55
2/8/21 to 1/31/22	National Institute of Allergy & Infection	us Diseases					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			95		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			5		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of					
N-128558-01	Data Management statement - SARS	S-CoV-2 wastewater surveillance	No	\$167,915	\$21,979	\$189,894	
7/1/20 to 6/30/21	Ohio Environmental Protection Agend	cy through Ohio State University					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			90		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of					
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of			10		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			0		
N-128558-01-l01	Data Management statement - SARS		No	\$288,301	\$0	\$288,301	\$72,07
7/1/20 to 6/30/21	Ohio Environmental Protection Agend	cy through Ohio State University					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			50		
Co-I	Chakravarti, Ritu	Physiology & Pharmacology, Department of			25		
Co-I	Kang, Dae Wook	Civil & Environmental Engineering, Department of			25		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of					

Cash?

Direct Cost

Indirect Cost

Dept Award

<u>Credit</u>

This report does not show all projects that were active in FY21. This report shows only new and
on-going projects with new funds, i.e. not reported in a previous fiscal year.

		<u>-</u>		2	<u></u>		
Physiology & Pharma	acology, Department of						
N-128644-01	Gut-brain axis: functional link betw	veen microbial metabolites and	No	\$10,678	\$5,819	\$16,497	\$16,497
	neurogenic hypertension						
6/1/21 to 11/30/21	National Center for Complementary	and Integrative Health through University of Florida at					
	Gainesville						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Zubcevic, Jasenka	Physiology & Pharmacology, Department of			100		
N-128671-01-A1	Neural mechanisms of host-micro	biota interaction in hypertension: a	No	\$30,920	\$9,095	\$40,015	\$40,015
	potential for bio-electronic medici	ne					
6/1/21 to 5/31/22	National Heart, Lung & Blood Institu	ite					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Zubcevic, Jasenka	Physiology & Pharmacology, Department of			100		
N-128672-01	A novel model to study COVID-19	and Hypertension	No	\$150,000	\$81,750	\$231,750	\$231,750
6/14/21 to 5/31/22	National Institute of Allergy & Infecti	ous Diseases					
Role	Name	Department			% Credit		
PI/PD	Joe, Bina	Physiology & Pharmacology, Department of			100		
Co-I	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of					
Co-I	Huntley, Jason F.	Med Microbiology & Immunology, Department of					
N-128815-01	Dormitory wastewater monitoring	of SARS-CoV-2 at Universities and	No	\$162,206	\$38,052	\$200,258	\$80,103
	Colleges in the State of Ohio						
12/1/20 to 6/30/21	Ohio Water Resources Center throu	igh Ohio State University					
Role	Name	Department			% Credit		
PI/PD	Chakravarti, Ritu	Physiology & Pharmacology, Department of			40		
PI/PD	Chattopadhyay, Saurabh	Med Microbiology & Immunology, Department of			40		
PI/PD	Kang, Dae Wook	Civil & Environmental Engineering, Department of			20		
Co-I	Taylor, Roger Travis	Med Microbiology & Immunology, Department of					
N-128823-01	Interplay between gut microbiota a	and bile acids in renal and vascular	No	\$66,926	\$0	\$66,926	\$66,926
	pathophysiology						
4/1/21 to 3/31/22	American Heart Association - Nation	nal					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Joe, Bina	Physiology & Pharmacology, Department of					
Co-I	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			100		
N-129104-01	The role of the gut-microbiome-brain	ain axis in cardiovascular disease	No	\$63,533	\$9,530	\$73,063	\$73,063
	following exposure to prenatal nic	otine (8JK06)					
5/7/21 to 9/30/21	following exposure to prenatal nic Florida Dept. of Health through Univ	· · · ·					
5/7/21 to 9/30/21 Role	• • •	· · · ·			<u>% Credit</u>		

Cash?

Direct Cost

Indirect Cost

Dept Award

<u>Credit</u>

his report does not s	how all projects that were active in F ¹ new funds, i.e. not reported in a prev		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
				Direct Cost	Indirect Cost	<u>Iotal Awaru</u>	
Physiology & Pharma	acology, Department of						
S-126676-05-S1		and Gut Microbiota in Hepatocellular	No	\$41,248	\$14,825	\$56,073	\$56,073
	Carcinoma						
8/1/20 to 6/30/21	National Cancer Institute						7
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			100		
S-126676-05-S2	Interplay between Dietary Fiber a	and Gut Microbiota in Hepatocellular	No	\$24,511	\$13,358	\$37,869	\$37,869
	Carcinoma						
7/1/20 to 6/30/21	National Cancer Institute						-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Kumar, Matam Vijay	Physiology & Pharmacology, Department of			100		
S-127072-01-S1	Nuclear Receptor Chaperones in	Signaling & Metabolism	No	\$15,000	\$0	\$15,000	\$7,500
8/28/20 to 6/30/21	National Institute of Diabetes, Dig	estive & Kidney Diseases					
Role	Name	Department			% Credit		
PI/PD	Sanchez, Edwin	Physiology & Pharmacology, Department of			50		
Co-I	Hinds, Terry D.	Physiology & Pharmacology, Department of					
Co-l	Lecka-Czernik, Beata	Orthopaedic Surgery, Department of			50		
T-128671-01	Neural mechanisms of host-mici	obiota interaction in hypertension: a	No	\$343,472	\$81,855	\$425,327	\$425,327
	potential for bio-electronic medi	cine					
6/1/21 to 5/31/22	National Heart, Lung & Blood Inst	itute					
Role	Name	<u>Department</u>			<u>% Credit</u>		7
PI/PD	Zubcevic, Jasenka	Physiology & Pharmacology, Department of			100		
		Sum of Department (Physiology & Pha	rmacology,	Departm Awa	rd Count: 19.20		\$3,225,120
Psychiatry, Departme	ant of			-			
C-010532-26	Adult Psychiatry Residency and	Training Program	No	\$38,095	\$1,905	\$40,000	\$40,000
7/1/20 to 6/30/21	Ohio Department of Mental Health						
Role	Name	Department			% Credit		1
PI/PD	Kelly, Victoria C.	Psychiatry, Department of			100		
C-101317-16	•	Residency and Training Program	No	\$28,571	\$1,429	\$30,000	\$30,000
7/1/20 to 6/30/21	Ohio Department of Mental Health					,,	,,
Role	Name	Department			% Credit		1
	Knox, Michele	Psychiatry, Department of			50		
		r cychiad y, Doparation of			00		1
PI/PD Co-I	Kelly, Victoria C.	Psychiatry, Department of			25		

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

C-125299-05	ent of Study of Early Brain Alterations that PTSD	Predict Development of Chronic	No	\$474,833	\$183,897	\$658,730	\$586,270
7/1/20 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Xin	Psychiatry, Department of			89		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					
Co-I	Tull, Matthew T.	Psychology, Department of					
Co-I	Xie, Hong	Neurosciences, Department of			10		
Co-I	Xu, Kevin Shuai	Electrical Engineering and Computer Science	, Department o	of	1		
C-127086-03	Educating a Community Within a Co	ommunity: Mental Health First Aid	No	\$114,127	\$9,130	\$123,257	\$12,326
	and Green Zone Training at the Univ	versity of Toledo and Beyond					
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					-
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
Co-I	Thompson, Amy J.	School of Population Health			20		
C-127182-03	Designed for DATA		No	\$138,657	\$11,093	\$149,750	\$149,750
9/30/20 to 9/29/21	Substance Abuse and Mental Health	Services Administration					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lewis, Chandani	Psychiatry, Department of			34		
Co-I	Dowling, Jamie L.	Psychiatry, Department of			33		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			33		
Co-I	Singh, Tanvir	Resid Prgm-Psychiatry					
Co-I	Williams, Kristi	Psychiatry, Department of					
C-127387-02	Optimizing HEALing in Ohio Comm	unities (OHiO)	No	\$40,778	\$22,122	\$62,900	\$62,900
4/1/20 to 3/31/21	National Institute on Drug Abuse throu	ugh Case Western Reserve University/Case Med	lical				
	Center						
Role	Name	<u>Department</u>			% Credit		
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of			100		

Cash?

Direct Cost

Indirect Cost

Dept Award

Credit

-	now all projects that were active in FY21 new funds, i.e. not reported in a previou	· · ·					Dept Award
bri-going projects with	new lunds, i.e. not reported in a previou	s iiscai year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Psychiatry, Departme	nt of						
C-127387-03	Optimizing HEALing in Ohio Comm		No	\$28,122	\$15,326	\$43,448	\$43,448
4/1/21 to 3/31/22	National Institute on Drug Abuse thro Center	ugh Case Western Reserve University/Case Medic	al				1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of			100		
C-127604-02-I02	Ohio State Opioid Response (SOR)	-	No	\$83,130	\$8,312	\$91,442	\$91,442
9/30/20 to 11/29/20	Substance Abuse and Mental Health Recovery Services Board	Services Administration through Mental Health and					1
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of			100		
C-128402-02	CO2 Inhalation enhances the lability	-	No	\$8,890	\$4,845	\$13,735	\$13,735
5/1/21 to 4/30/22	National Institutes of Health through						1
Role	Name	Department			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			100] • • • • • • •
N-128402-01	CO2 Inhalation enhances the lability	-	No	\$8,890	\$4,845	\$13,735	\$13,735
5/1/20 to 4/30/21	National Institutes of Health through	Jniversity of Tennessee					٦
Role	Name	Department			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			100		
N-128633-01	Remote Implementation of the ACT		No	\$11,249	\$1,125	\$12,374	\$12,374
11/1/20 to 6/20/21	Prevent Child Maltreatment During						
11/1/20 to 6/30/21	Ohio Children's Trust Fund through U				0/ One dit		1
Role PI/PD	<u>Name</u> Knox, Michele	Department Bayabistry Department of			<u>% Credit</u> 100		
N-128887-01	Ohio State Opioid Response (SOR)	Psychiatry, Department of	No	\$318,140	\$7,936	\$326,076	\$326,076
10/1/20 to 9/30/21		Services Administration through Mental Health and		\$510,140	\$7,550	\$ 520,070	\$ 320,070
10/1/20 10 9/30/21	Recovery Services Board	Services Auministration through Mental Health and					
Role	Name	Department			% Credit		1
PI/PD	McCullumsmith, Cheryl Beth	Psychiatry, Department of			100		
S-125299-05-S1	Study of Early Brain Alterations tha PTSD	t Predict Development of Chronic	No	\$190,088	\$103,598	\$293,686	\$234,949
4/28/21 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			80		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of			00		
Co-I	Xie, Hong	Neurosciences, Department of			20		

		Curre of Domontonent (avabiatus. Dauautu		Count: 44 70		¢4 c47 00
		Sum of Department (P	sychiatry, Departi	nent of) Award	Count: 11.79		\$1,617,004
esid Prgm-Family Pr	actice						
C-126701-04	Choose Ohio First: PCMH		No	\$60,000	\$0	\$60,000	\$60,00
7/1/20 to 6/30/21	Ohio Department of Higher Education						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Schaefer, Paul L.	Resid Prgm-Family Practice			100		
N-126701-01	Choose Ohio First: PCMH		Yes	\$93,220	\$0	\$93,220	\$69,91
7/1/17 to 6/30/18	Ohio Department of Higher Education						
Role	<u>Name</u>	Department			<u>% Credit</u>]
PI/PD	Schaefer, Paul L.	Resid Prgm-Family Practice			75		
Co-PI	Hickey, Daniel	Family Medicine, Department of			25		
Stdnt Schol	Ingram, Evan Miles						
Stdnt Schol	Miniato, Mohammed A.						
Stdnt Schol	Najjar, Amira Amanda						
Stdnt Schol	Saleh, Hanan Ahmed						
Stdnt Schol	Sims, Ariel B.						
Stdnt Schol	Soni, Jalpa Shivam						

7182-03	Designed for DATA		No	\$138,657	\$11,093	\$149,750
'20 to 9/29/21	Substance Abuse and Mental Health	Services Administration				
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lewis, Chandani	Psychiatry, Department of			34	
Co-I	Dowling, Jamie L.	Psychiatry, Department of			33	
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			33	
Co-I	Singh, Tanvir	Resid Prgm-Psychiatry				
Co-l	Williams, Kristi	Psychiatry, Department of				

Sum of Department (Resid Prgm-Psychiatry) Award Count:

Resid Prgm-Urology

C-127102-02-A1	Molecular Marker for Centrioles	Remodeling in Human Reproduction	No	\$50,000	\$25,250	\$75,250	\$3,763
9/1/20 to 8/31/22	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of			95		
Co-I	Sindhwani, Puneet	Resid Prgm-Urology			5		
		Sum of Departmer	nt (Resid Prgm-U	Irology) Award	Count: 0.05		\$3,763

Surgery, Department of

This report does not s	show all projects that were active in FY2 new funds, i.e. not reported in a previo		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Surgery, Department	of						
C-124711-06	Registry Study: Randomized, Mul Best Endovascular versus Best S Critical Limb Ischemia	ticenter, Controlled Trial to Compare urgical Therapy in Patients with	No	\$4,760	\$2,240	\$7,000	\$7,000
7/1/20 to 6/30/21	National Heart, Lung & Blood Institu	ite through New England Research Institutes,	Inc				_
<u>Role</u> PI/PD	<u>Name</u> Nazzal, Munier M.S.	<u>Department</u> Surgery, Department of			<u>% Credit</u> 100		
C-125299-05	Study of Early Brain Alterations th PTSD	nat Predict Development of Chronic	No	\$474,833	\$183,897	\$658,730	-
7/1/20 to 6/30/22	National Institute of Mental Health						_
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Wang, Xin Brickman, Kristopher R. Elhai, Jon D. Rapport, Daniel J. Tull, Matthew T. Xie, Hong Xu, Kevin Shuai An International, Multicenter, Ran Placebo-Controlled Phase 3 Trial		ence, Department o	of \$3,235	<u>% Credit</u> 89 10 1 \$1,523	\$4,758	\$4,758
7/1/20 to 6/30/21		ajor Thrombotic Vascular Events in ral Artery Disease Undergoing Lower edures					
<u>Role</u> PI/PD	<u>Name</u> Nazzal, Munier M.S.	<u>Department</u> Surgery, Department of			<u>% Credit</u> 100		
C-126348-04	dosing emulsion in combination v	icenter, phase 2 study of DSP-7888 vith bevacizumab versus bevacizumab progressive glioblastoma following	No	\$1,370	\$645	\$2,015	\$2,015
Role PI/PD	<u>Name</u> Schroeder, Jason Lee	<u>Department</u> Surgery, Department of			<u>% Credit</u> 100		1

This report does not show all projects that were active in FY21. This report shows only new and				r
on-going projects with new funds, i.e. not reported in a previous fiscal year.	Cash?	Direct Cost	Indirect Cost	<u>I</u> Total Award

C-127002-04	A Randomized Phase 2 Trial of AM	010 in Combination with Nivolumab	No	\$24,965	\$11,748	\$36,713	
	Vs. Nivolumab Alone s Second Line	e Therapy in Patients With Stage					
	IV/Metastatic Wild Type Non-Small	Cell Lung Cancer and Low Tumor					
	Expression of PD-L1 ("Cypress 2"	-					
7/1/20 to 6/30/21	Eli Lilly and Company						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Skeel, Roland	Medicine, Department of			100		
Co-l	Ashraf, Mushtaq	Medicine, Department of					
Co-I	Chaudhuri, Prabir	Surgery, Department of					
Co-I	Hamouda, Danae M.	Medicine, Department of					
C-127023-03	STANDARD CHEMOTHERAPY VER	SUS CHEMOTHERAPY CHOSEN BY	No	\$680	\$320	\$1,000	\$1,00
	CANCER STEM CELL CHEMOSENS	SITIVITY TESTING IN THE					
	MANAGEMENT OF PATIENTS WITH	RECURRENT GLIOBLASTOMA					
	MULTIFORME (GBM). IRB#202696	5					
7/1/20 to 6/30/21	Cordgenics, LLC						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Schroeder, Jason Lee	Surgery, Department of			100		
Co-I	Ashraf, Mushtaq	Medicine, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Verghese, Cherian	Medicine, Department of					
C-127409-02	Molecular and Functional Analysis	of Hirschsprung Defects in Humans	No	\$59,137	\$32,230	\$91,367	\$45,68
	and Mouse						
4/1/21 to 3/31/22	National Institutes of Health through	University of Pittsburgh					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Howard, Marthe	Neurosciences, Department of			50		
Co-I	Kalinoski, Andrea L.	Surgery, Department of			50		
S-125299-05-S1	Study of Early Brain Alterations that	t Predict Development of Chronic	No	\$190,088	\$103,598	\$293,686	
	PTSD						
4/28/21 to 6/30/22	National Institute of Mental Health						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of			80		
	Brickman, Kristopher R.	Surgery, Department of					
Co-I							
	Elhai, Jon D.	Psychology, Department of					
Co-I	Elhai, Jon D. Xie, Hong	Psychology, Department of Neurosciences, Department of			20		

Urology, Department of

Dept Award Credit

•	show all projects that were active in FY n new funds, i.e. not reported in a prev		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Jrology, Departmen							
C-122448-08	-	idney Paired Donation Programs	No	\$18,381	\$9,834	\$28,215	\$28,215
5/1/20 to 4/30/21	National Institute of Diabetes, Dige	estive & Kidney Diseases through University of M	lichigan				-
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Rees, Michael A.	Urology, Department of			100		
C-123876-08	· • • · · ·	Open-Label, Randomized, Controlled	No	\$53,802	\$17,217	\$71,019	\$71,019
	Trial to Evaluate the Efficacy and	-					
		rolimus®lMyfortic® versus Reduced					
7/1/20 to 12/31/20	Dose tacrolimusiEverolimus® in	Adult Renal Transplant Recipients []					
	Nome	Department			0/ Cradit		1
Role PI/PD	<u>Name</u> Rees, Michael A.	<u>Department</u> Urology, Department of			<u>% Credit</u> 100		
C-127516-03	·		No	\$1,954		\$3,019	」 \$3,01
C-12/510-05	(ASK-CCC)	antation consortium clinical centers	NO	φ1,954	\$1,065	\$3,019	φ 3, 01
6/1/20 to 5/31/21	National Institutes of Health throug	h Cleveland Clinic Foundation					
Role	Name	Department			% Credit		
PI/PD	Ekwenna, Obi	Urology, Department of			100		
C-128140-02	Phase 3, Multicenter, Double-Blir	nd, Randomized, Placebo-Controlled	No	\$36,510	\$17,260	\$53,770	\$53,770
		nt Treatment of Subjects with Invasive		. ,	. ,	. ,	. ,
	Urothelial Carcinoma with Susce	ptible FGFR3 Genetic Alterations					
7/1/20 to 6/30/21							-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Petros, Firas G.	Urology, Department of			100		
N-127919-01	Tumor metabolism as the new Ac	chilles' heel in prostate cancer	No	\$750,000	\$408,750	\$1,158,750	\$1,158,750
9/1/20 to 8/31/23	U.S. Department of Defense						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Nadiminty, Nagalakshmi	Urology, Department of			100		
N-128636-01		Inhancement by Detecting dd-cfDNA	No	\$6,120	\$2,880	\$9,000	\$9,000
	Levels-PEDAL Study						
10/31/20 to 6/30/21	Natera Inc						1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Ekwenna, Obi	Urology, Department of			100		

his report does not s	show all projects that were active in F new funds, i.e. not reported in a prev		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Jrology, Department	of						
N-128649-01 9/21/20 to 6/30/21	-	atients with Non-Muscular Invasive onsive to Bacillus-Calmette-Guerin	No	\$44,804	\$21,084	\$65,888	
Role PI/PD	<u>Name</u>	Department			<u>% Credit</u>		
Co-I	Petros, Firas G. Skeel, Roland	Urology, Department of Medicine, Department of			100		
		Sum of Department (Urolog	gy, Depar	tment of) Awa	rd Count: 6.00		\$1,323,773
		Sum of College (Medicine and Life Sci	iences, Co	ollege of) Awa	rd Count: 166.23		\$18,617,67
•	how all projects that were active in F new funds, i.e. not reported in a prev		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
C-125765-05 7/1/20 to 9/30/21	Analysis of mechanisms involve	d in induction of abiotic and biotic Crops Through Nutrition or Temperature	No	\$176,180	\$17,618	\$193,798	\$193,79
<u>Role</u> PI/PD	<u>Name</u> Leisner, Scott M.	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
C-125932-04	Immune Evasion in Aquatic Rhal	odoviral Pathogens	No	\$287,791	\$0	\$287,791	\$287,79 ⁻
7/1/20 to 6/30/21	U.S. Department of Agriculture						_
Role PI/PD	<u>Name</u> Krishnamurthy, Malathi	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
C-126083-03	The role of platelets in oral cand	- · ·	No	\$240,971	\$131,329	\$372,300	\$186,15
1/1/21 to 12/31/21	National Institute of Dental and Cr			, , , ,,,,	····	···-,···	<i>,.</i>
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of			50		
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of			50		
C-126083-03-l01	The role of platelets in oral cand	idiasis	No	\$26,774	\$14,592	\$41,366	\$20,68
1/1/21 to 12/31/21	National Institute of Dental and Cr	aniofacial Research					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Conti, Heather Raquel	Biological Sciences, Department of			50		
Co-I	Worth, Randall G.	Med Microbiology & Immunology, Department of			50		

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Cash? Direct Cost

Indirect Cost

Dept Award Credit

		<u>×</u>					
ological Sciences, D	epartment of						
-126943-04	RESEARCH - PGR: Elucidating Maize	Gene Regulatory Networks to	No	\$128,835	\$60,744	\$189,579	\$189,57
	Accelerate Translational Genomics						
2/1/21 to 1/31/22	National Science Foundation through	Aichigan State University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gray, John	Biological Sciences, Department of			100		
Stdnt Schol	John, Jerrin						
Stdnt Schol	Tschantz, Jessica June						
-127102-02-A1	Molecular Marker for Centrioles Rem	odeling in Human Reproduction	No	\$50,000	\$25,250	\$75,250	\$71,48
/1/20 to 8/31/22	National Institutes of Health						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of			95		
Co-I	Sindhwani, Puneet	Resid Prgm-Urology			5		
C-127256-02	The Role of MicroRNAs in Axon Path	finding	No	\$50,000	\$25,250	\$75,250	\$75,25
7/1/20 to 6/30/22	National Institute of Child Health & Hur	nan Development					
Role	Name	Department			% Credit		
PI/PD	Liu, Guofa	Biological Sciences, Department of			100		
C-127676-02	Regulation of epithelial junctions and	l lumen morphogenesis by the	No	\$216,690	\$88,873	\$305,563	\$305,563
	Scribble/SGEF/Dlg1 complex			,	,,.	, ,	····
1/21 to 3/31/22	National Institute of General Medical S	ciences					
Role	Name	Department			% Credit		
PI/PD	Garcia-Mata, Rafael	Biological Sciences, Department of			100		
Co-I	Goicoechea, Silvia M.	Biological Sciences, Department of					
Stdnt Schol	Davuluri, Tarak Sai						
N-128548-01	Regulation of Ferroptosis by the p53	CDK/Rb Axis	No	\$300,000	\$151,500	\$451,500	\$293,475
/1/21 to 5/31/24	National Institute of General Medical S	ciences					
Role	Name	Department			% Credit		
PI/PD	Taylor, William R.	Biological Sciences, Department of			65		
Co-I	Tillekeratne, Liyanaaratchige	Medicinal and Biological Chemistry, Department of			35		
I-128588-01	MALDI-TOF Analysis of PGR Stability	in HM-1354-A	No	\$10,533	\$5,319	\$15,852	\$15,852
2/1/20 to 1/31/22	Horizon Ag-Products L.P.			• •		. ,	
Role	Name	Department			% Credit		
PI/PD	Zellner, Wendy L.	Biological Sciences, Department of			100		
I-129021-01	STELLARIS Award - Equipment		No	\$401,644	\$0	\$401,644	\$401,644
	•••			v lo l,o l l	••	•	ψ ie i,e i
8/9/21 to 3/8/22	Leica Microsystems						
Role	Leica Microsystems Name	Department			% Credit		

This report does not sh	now all projects that were active in FY2 new funds, i.e. not reported in a previou	 This report shows only new and 	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Biological Sciences, D	Department of						
S-127676-02-S2 4/1/21 to 3/31/22	Regulation of epithelial junctions a Scribble/SGEF/Dlg1 complex National Institute of General Medical		No	\$4,500	\$2,273	\$6,773	\$6,773
Role PI/PD Co-I Stdnt Schol	<u>Name</u> Garcia-Mata, Rafael Goicoechea, Silvia M. Davuluri, Tarak Sai	<u>Department</u> Biological Sciences, Department of Biological Sciences, Department of			<u>% Credit</u> 100		
S-128361-01-101 6/1/20 to 6/30/21	Expanding the SCOPE of Science (Instrumentation American Society for Cell Biology	Classes through Cyber-Enabled	No	\$2,879	\$576	\$3,455	\$1,037
Role PI/PD Co-I Co-I	<u>Name</u> Garcia-Mata, Rafael Avidor-Reiss, Tomer Kirschbaum, Kristin	Department Biological Sciences, Department of Biological Sciences, Department of Instrumentation Center			<u>% Credit</u> 15 15 70		
Chemistry and Bioche	mistry, Department of	Sum of Department (Biological Scier	ices, Depar	tment of) Awa	rd Count: 10.90		\$2,049,082
C-125732-05 4/1/21 to 3/31/22	Counter Regulatory Mechanisms o Cardio-Renal Syndrome National Heart, Lung & Blood Institut		No	\$250,000	\$128,750	\$378,750	\$37,875
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Kennedy, David Joseph Haller, Steven T. Isailovic, Dragan Zhu, Jianglong	<u>Department</u> Medicine, Department of Medicine, Department of Chemistry and Biochemistry, Department of Chemistry and Biochemistry, Department of			<u>% Credit</u> 90 5 5		
C-125971-04 7/1/20 to 6/30/21	Rapid and Economic Synthesis of Carbon Dioxide-Directed C-H Bond Herman Frasch Fd		No	\$100,000	\$0	\$100,000	\$100,000
Role PI/PD Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Young, Michael Christopher Fields, Hunter L. Fu, Yu Grant, Aaron James Mather, Carolina B.	<u>Department</u> Chemistry and Biochemistry, Department of			<u>% Credit</u> 100		

n-going projects wi	th new funds, i.e. not reported in a previ	21. This report shows only new and ous fiscal year.					Dept Award
5 51 5		, 	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hemistry and Bio	chemistry, Department of						
C-126018-04 6/1/20 to 5/31/22	glycosidic linkages	s for steroelective construction of al Sciences through University of California - Santa	No	\$201,133	\$95,539	\$296,672	\$296,67
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Zhu, Jianglong	Chemistry and Biochemistry, Department of			100		
C-127518-02	enhancement of their antigenicity		Νο	\$290,151	\$146,526	\$436,677	\$196,50
Role PI/PD Co-I Co-I Stdnt Sch Stdnt Sch Stdnt Sch	ol Dodson, Taylor Ann	<u>Department</u> Chemistry and Biochemistry, Department of Medicinal and Biological Chemistry, Department of Medicinal and Biological Chemistry, Department of			<u>% Credit</u> 45 17 38		
C-127616-02 2/1/21 to 1/31/22	PFAS in fish by solid-phase micro mass spectrometry	tive analysis of pharmaceuticals and bextraction technology coupled to Administration through Ohio Sea Grant Program	Νο	\$40,102	\$19,850	\$59,952	\$59,95
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		1
PI/PD	Gionfriddo, Emanuela	Chemistry and Biochemistry, Department of			100		
C-127617-02	emergent chemicals of concern a health and disease	an toxicity and therapeutics targets of cross gut, liver, and kidney systems in Administration through Ohio State University	No	\$38,080	\$20,372	\$58,452	\$2,92
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Haller, Steven T.	Medicine, Department of			48		
PI/PD	Kennedy, David Joseph	Medicine, Department of			47		
Co-I	Gohara, Amira	Pathology, Department of					
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
Co-I	Modyanov, Nikolai	Physiology & Pharmacology, Department of					
C-127690-02	Temperature dependent lattice co material Al2Sc1.8Mo3O12	nstants of negative thermal expansion	No	\$2,500	\$0	\$2,500	\$2,50
10/1/20 to 8/31/22	International Centre for Diffraction	Data					-
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lind-Kovacs. Cora	Chemistry and Biochemistry, Department of			100		

	now all projects that were active in FY2 new funds, i.e. not reported in a previou						Dept Award
			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Chemistry and Bioche	emistry, Department of						
C-127952-04	Novel methods and Technologies f Relevant Carbohydrates	or Synthesis of Biomedically	No	\$148,081	\$70,338	\$218,419	\$218,419
7/1/20 to 6/30/21	National Institutes of Health through	University of Georgia at Athens					
Role PI/PD	<u>Name</u> Andreana, Peter R.	<u>Department</u> Chemistry and Biochemistry, Department of			<u>% Credit</u> 100		
C-128149-02	Mycobacterial trehalose metabolis	m as drug targets	No	\$144,174	\$72,808	\$216,982	\$216,982
7/1/20 to 6/30/21	National Institute of Allergy & Infection	ous Diseases through University of Nebraska Medic	cal				
Role PI/PD	<u>Name</u> Sucheck, Steven Joseph	<u>Department</u> Chemistry and Biochemistry, Department of			<u>% Credit</u> 100		
C-128363-02	Harmful Algae Microbiome		No	\$80,965	\$19,035	\$100,000	\$60,000
10/1/20 to 9/30/21	U.S. Department of Energy through	Lawrence Livermore National Laboratory					_
Role PI/PD Co-I	<u>Name</u> Isailovic, Dragan Bridgeman, Thomas B.	<u>Department</u> Chemistry and Biochemistry, Department of Lake Erie Soil and Water Research and Educa	tion Center		<u>% Credit</u> 60 40		
Stdnt Schol	Wank, Justin	Environmental Sciences, Department of		<u> </u>	^	<u> </u>	
N-127562-01-l01 7/1/20 to 7/31/21	Assessment, Accreditation and Fac		No	\$9,000	\$0	\$9,000	\$9,000
	Association of Public and Land Gran				0/ One dit		1
Role PI/PD	<u>Name</u> Schneider, Barbara J.	<u>Department</u> English, Department of			<u>% Credit</u> 0		
PI/PD	Toole, Amy P.	Chemistry and Biochemistry, Department of			100		
Co-I	Bartell, Denise Susan	Honors Program			100		
N-127906-01	Mechanistic Investigation of Protect	ostasis at the Outer Mitochondrial	No	\$250,000	\$126,250	\$376,250	\$376,250
	Membrane						
9/1/20 to 8/31/21	National Institute of General Medical	Sciences					-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Wohlever, Matthew	Chemistry and Biochemistry, Department of			100		
Stdnt Schol	Arif, Hoda						
Stdnt Schol Stdnt Schol	Cole, Jocelyn Danielle Gregory, Connor Alexander						
Stdnt Schol	Ou, Alice						
Stdnt Schol	Tessean, Brooke Leeann						
Stdnt Schol	Walker, Nathan Daniel						
Stdnt Schol	Walter, Isabella Ruth						

This report does not show all projects that were active in FY21. This report shows only new and	
on-going projects with new funds, i.e. not reported in a previous fiscal year.	

<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost

Dept AwardTotal AwardCredit

N-127990-01	Regio- and Enantioselective Alkene	e Difunctionalizations for the	No	\$300,000	\$151,500	\$451,500	\$451,500
	Synthesis of Bioactive Molecules						
9/1/20 to 8/31/23	National Institute of General Medical						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Li, Wei	Chemistry and Biochemistry, Department of			100		
Stdnt Schol	Gembreska, Nathan Ray						
Stdnt Schol	Huynh, Michelle Mae						
Stdnt Schol	Roberts, Leo Patrick						
Stdnt Schol	Vesoulis, Megan Marie						
Stdnt Schol	Vogel, Alexander Kyle						
Stdnt Schol	Ziegelmeyer, Elizabeth Claire						I
N-128172-01	Using Microcystin Degrading Bacte	eria and their Enzymes for Water	No	\$219,147	\$117,244	\$336,391	\$16,82
	Treatment						
9/1/20 to 8/30/21	National Oceanic and Atmospheric A	dministration					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of			95		
Co-I	Isailovic, Dragan	Chemistry and Biochemistry, Department of			5		
N-128255-01	Optical control of endogenous G protein Coupled Receptor and G Protein Signaling		No	\$210,000	\$106,050	\$316,050	\$316,050
1/15/21 to 12/31/21	National Institute of General Medical	Sciences					
Role	Name	Department			% Credit		
PI/PD	Karunarathne, Welivitiya K.	Chemistry and Biochemistry, Department of			85		
Co-I	Sucheck, Steven Joseph	Chemistry and Biochemistry, Department of			15		
N-128261-01	Structural and proton dynamics of	pyridoxal-5'-phosphate dependent	No	\$64,283	\$30,447	\$94,730	\$94,730
	enzymes						
9/15/20 to 8/31/21	National Institutes of Health through	University of Georgia at Athens					
Role	Name	Department			% Credit		
PI/PD	Mueser, Timothy	Chemistry and Biochemistry, Department of			100		
N-128710-01	Molecular Design of Lead Acid Battery Model Expanders			\$188,857	\$83,054	\$271,911	\$271,911
6/1/21 to 5/31/22	Argonne National Laboratory						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lind-Kovacs, Cora	Chemistry and Biochemistry, Department of			100		
Stdnt Schol	Hannah, Margaret Louise	•					

-	now all projects that were active in FY21 new funds, i.e. not reported in a previou						Dept Award
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Chemistry and Bioche	emistry, Department of						
S-127906-01-S1 9/1/20 to 8/21/21	Mechanistic Investigation of Protect Membrane National Institute of General Medical		No	\$3,560	\$1,798	\$5,358	\$5,35
Role PI/PD Stdnt Schol	<u>Name</u> Wohlever, Matthew Walter, Isabella Ruth	<u>Department</u> Chemistry and Biochemistry, Department of			<u>% Credit</u> 100		
		Sum of Department (Chemistry and Bi	ochemistry,	Departm Awa	rd Count: 14.25		\$2,733,44
Environmental Scienc C-123361-09	-	-	No	¢45 300	¢0.774	\$49.467	¢40.46
6/17/21 to 9/30/22	Lake Erie Bathing Beach Monitorin	9 cy through Ohio Department of Health	No	\$15,396	\$2,771	\$18,167	\$18,16
Role PI/PD Stdnt Schol	<u>Name</u> Dwyer, Daryl Schassberger, Owen Michael	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100]
C-126439-04	Grass Carp Spawning Potential in t	he Sandusky River	No	\$183,767	\$26,422	\$210,189	\$105,09
9/15/20 to 9/14/21	U.S. Geological Survey			. ,	. ,	. ,	. ,
<u>Role</u> PI/PD Co-I	<u>Name</u> Qian, Song S. Mayer, Christine Marie	<u>Department</u> Environmental Services Environmental Sciences, Department of			<u>% Credit</u> 50 50		
C-127220-02-I01	Gray Vireo Demography		No	\$9,288	\$2,414	\$11,702	\$11,70
7/1/20 to 6/30/21	U.S. Fish and Wildlife Service throug	h New Mexico Dept. of Game and Fish					_
Role PI/PD Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Streby, Henry M. Glanville, Kandace Kammerichs-Berke, Deven Stephens, Gage	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 100		
C-127412-02 5/31/20 to 1/31/22	Lake Erie Whitefish: ecology of ear fisheries implications Nature Conservancy	ly life history stages and possible	No	\$47,038	\$14,111	\$61,149	\$61,14
Role PI/PD Co-I	<u>Name</u> Mayer, Christine Marie DeBruyne, Robin	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 50 50]
C-127524-02	Assessment of Sandusky River hat	bitat for walleye spawning	No	\$64,655	\$3,750	\$68,405	\$68,40
7/1/20 to 6/30/21	U.S. Fish and Wildlife Service throug	h Ohio State University					-
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Bossenbroek, Jonathan Crail, Todd Mayer, Christine Marie	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 34 32 34		

-	now all projects that were active in FY new funds, i.e. not reported in a previ		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
nvironmental Scienc	es. Department of						
C-127589-02	Assessing the impact of shore m environmental microbiomes	anagement on the resilience of coastal	No	\$39,867	\$20,133	\$60,000	\$60,00
2/1/21 to 1/31/22		Administration through Ohio Sea Grant Program			0/ Ore dit		1
Role PI/PD Co-I	<u>Name</u> Spanbauer, Trisha Becker, Richard	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 85 15		
C-127705-02	Foodweb Dynamics in Western L Sampling	•	No	\$212,766	\$37,234	\$250,000	\$250,00
9/15/20 to 9/14/21	U.S. Geological Survey						-
Role PI/PD Co-I	<u>Name</u> Mayer, Christine Marie DeBruyne, Robin	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 50 50		
C-127833-02	•	system Monitoring Program in the St.	No	\$170,128	\$29,772	\$199,900	\$199,90
Role	Name	Department			% Credit		1
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of			<u>50 50 50 50 50 50 50 50 50 50 50 50 50 5</u>		
Co-I Stdnt Schol	DeBruyne, Robin Jones, Dylan C.	Environmental Sciences, Department of			50		
C-128267-02	Grass carp removal from Lake Er	ie and tributaries	No	\$341,989	\$17,099	\$359,088	\$359,08
3/1/21 to 2/28/22	Great Lakes Fishery Commission						
Role PI/PD	<u>Name</u> Mayer, Christine Marie	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 25		
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Department of			25		
Co-I	Hintz, William	Environmental Sciences, Department of			25		
Co-I	Qian, Song S.	Environmental Sciences, Department of			25		
C-128363-02 10/1/20 to 9/30/21	Harmful Algae Microbiome	h Lawrence Livermore National Laboratory	No	\$80,965	\$19,035	\$100,000	
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of			<u>78 Credit</u> 60		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Educa	ation Center		40		

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on-going projects with new funds, i.e. not reported in a previous fiscal year.

Cash? Direct Cost Indirect Cost Total Award

<u>Dept Award</u> <u>Credit</u>

C-128627-02	H20hio Wetland Monitoring Progra	m (Phase 3)	No	\$297,900	\$29,790	\$327,690	\$245,768
6/1/21 to 6/30/22	Ohio Department of Natural Resource	es through Ohio State University					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			40		
Co-I	Becker, Richard	Environmental Sciences, Department of			25		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Educa	tion Center		25		
Co-I	Qian, Song S.	Environmental Sciences, Department of			10		
Stdnt Schol	Martz, Michael T.						
Stdnt Schol	McMahan, Michala Dane						
Stdnt Schol	Tomalewski, Anthony M.						
N-128252-01	Structural controls on wetlands' hy		No	\$6,689	\$3,311	\$10,000	\$10,00
	attenuation within the Maumee wat						
8/1/20 to 7/31/21	National Oceanic and Atmospheric A	dministration through Ohio Sea Grant Program					
<u>Role</u>	Name	Department			<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			100		
Stdnt Schol	Becker, Anna M.						
Stdnt Schol	Kolapkar, Amar Mohan						
N-128326-01	Recalibration for Improved Historic	al Toxicity Measurement in Western	No	\$7,936	\$2,063	\$9,999	\$9,999
	Lake Erie						
8/1/20 to 7/31/22	National Oceanic and Atmospheric A	dministration through Ohio Sea Grant Program					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Qian, Song S.	Environmental Sciences, Department of			100		
N-128384-01	Lake Sturgeon survival, habitat use	e, and movements in Lake Erie	No	\$64,467	\$11,282	\$75,749	\$75,749
9/15/20 to 9/14/22	U.S. Geological Survey						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Hintz, William	Environmental Sciences, Department of			50		
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Department of			25		
Co-I	Mayer, Christine Marie	Environmental Sciences, Department of			25		
N-128568-01	Soil extraction and determination of	f microbial phosphorus, nitrogen,	No	\$1,350	\$439	\$1,789	\$1,789
	and carbon						
7/20/20 to 7/19/21	University of Minnesota						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			100		

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Cash? Direct Cost Indirect Cost

Dept AwardTotal AwardCredit

N-128616-01	COMPASS FME	N	No	\$1,094,038	\$412,868	\$1,506,906	\$1,205,52
5/10/21 to 4/30/23	U.S. Department of Energy through	Battelle Memorial Institute					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			40		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Cel	enter		20		
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department of			20		
Co-I	Qian, Song S.	Environmental Sciences, Department of					
Co-I	Spanbauer, Trisha	Environmental Sciences, Department of			20		
Stdnt Schol	Kohart, Corbin Joseph						
Stdnt Schol	Kolapkar, Amar Mohan						
N-128616-01-W1	COMPASS GLM	N	No	\$115,714	\$44,255	\$159,969	\$159,96
5/10/21 to 4/30/23	U.S. Department of Energy through	Battelle Memorial Institute					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Qian, Song S.	Environmental Sciences, Department of			100		
N-128616-01-W2	COMPASS FME - Pre Award	Ν	No	\$52,192	\$20,903	\$73,095	\$43,85
1/4/21 to 8/31/21	U.S. Department of Energy through	Battelle Memorial Institute					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of			40		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Cel	enter		20		
Co-I	Doro, Kennedy Okioghene	Environmental Sciences, Department of			20		
Co-I	Spanbauer, Trisha	Lake Erie Soil and Water Research and Education Ce	enter		20		
N-128620-01	Quantifying water flow pathway red	listribution under agricultural N	No	\$10,000	\$0	\$10,000	\$10,00
	drainage						
6/1/21 to 5/31/22	Ohio Water Resources Center throug	gh Ohio State University					-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			100		
N-128627-01	H20hio Wetland Monitoring Progra	m N	No	\$12,520	\$1,252	\$13,772	\$9,64
6/22/20 to 6/30/21	Ohio Department of Natural Resource	es through Ohio State University					_
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			40		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Ce	enter		30		
Co-I	Qian, Song S.	Environmental Sciences, Department of			30		
N-128757-01	Grass Carp Reproduction in Lake E	irie N	No	\$115,671	\$19,192	\$134,863	\$134,86
3/10/21 to 3/9/22	U.S. Geological Survey						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Qian, Song S.	Environmental Sciences, Department of			50		
Co-PI	Mayer, Christine Marie	Environmental Sciences, Department of			50		

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ces, Department of						
Removal of invasive grass carp fr	om Lake Erie and tributaries: targeted	No	\$360,218	\$36,022	\$396,240	\$396,24
collection and modeling to impro-	ve catch					
<u>Name</u>	<u>Department</u>			% Credit		
Mayer, Christine Marie	Environmental Sciences, Department of			25		
· · · ·	Environmental Sciences, Department of			25		
Hintz, William				25		
Qian, Song S.	Environmental Sciences, Department of			25		
Building Resilient Shorelines—Sh	oreline Alterations and Nearshore	No	\$27,273	\$2,727	\$30,000	\$30,00
Habitat					• •	
National Oceanic and Atmospheric	Administration through Ohio Department of Natura	1				
Resources						
Name	Department			% Credit		
Becker, Richard	Environmental Sciences, Department of			100		
Investigating leaf angle response	to temperature and carbon dioxide	No	\$58,740	\$5,874	\$64,614	\$64,61
U.S. Department of Agriculture						
Name	Department			% Credit		
Heckathorn, Scott Alan	Environmental Sciences, Department of			100		
Removal of invasive grass carp fr	om Lake Erie and tributaries: targeted	No	\$50,000	\$0	\$50,000	\$50,00
collection and modeling to impro-	ve catchincludes Barn					
Name	<u>Department</u>			% Credit		
Mayer, Christine Marie	Environmental Sciences, Department of			34		
Bossenbroek, Jonathan				33		
Qian, Song S.	Environmental Sciences, Department of			33		
	Sum of Department (Environmental S	Sciences, Dep	artment Awa	rd Count: 22.35		\$3,581,51
er						
Expanding the SCOPE of Science	Classes through Cyber-Enabled	No	\$2,879	\$576	\$3,455	\$2,41
Instrumentation						
American Society for Cell Biology						
<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
Garcia-Mata, Rafael	Biological Sciences, Department of			15		
Avidor-Reiss, Tomer	Biological Sciences, Department of			15		
Kirschbaum, Kristin	Instrumentation Center			70		
Mischbaum, Misun				10		
	Removal of invasive grass carp fr collection and modeling to improv U.S. Fish and Wildlife Service throut Name Mayer, Christine Marie Bossenbroek, Jonathan Hintz, William Qian, Song S. Building Resilient Shorelines—St Habitat National Oceanic and Atmospheric Resources Name Becker, Richard Investigating leaf angle response U.S. Department of Agriculture Name Heckathorn, Scott Alan Removal of invasive grass carp fr collection and modeling to improv U.S. Fish and Wildlife Service throut Name Mayer, Christine Marie Bossenbroek, Jonathan Qian, Song S.	Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources Name Department Mayer, Christine Marie Environmental Sciences, Department of Hintz, William Bossenbroek, Jonathan Environmental Sciences, Department of Qian, Song S. Building Resilient Shorelines—Shoreline Alterations and Nearshore Habitat National Oceanic and Atmospheric Administration through Ohio Department of Natura Resources Name Department Becker, Richard Environmental Sciences, Department of Investigating leaf angle response to temperature and carbon dioxide U.S. Department of Agriculture Name Department Heckathorn, Scott Alan Environmental Sciences, Department of Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch-includes Barn U.S. Fish and Wildlife Service through Ohio Department of Sum of Department of Mayer, Christine Marie Environmental Sciences, Department of Bossenbroek, Jonathan Environmental Sciences, Department of Mayer, Christine Marie Environmental Sciences, Department of <td< td=""><td>Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No Name Department Bepartment Bepartment Service through Ohio Department of Natural Resources No Name Department Service through Ohio Department of Natural Resources, Department of Bossenbroek, Jonathan Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of Environmental Sciences, Department of Autional Oceanic and Atmospheric Administration through Ohio Department of Natural Resources No Name Department Becker, Richard Environmental Sciences, Department of No Investigating leaf angle response to temperature and carbon dioxide No No U.S. Department of Agriculture Environmental Sciences, Department of No Removal of invasive grass carp from Lake Erie and tributaries: targeted No No No U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No No Name Department Horizonmental Sciences, Department of Environmental Sciences, Department of Removal of invasive grass carp from Lake Erie and tributaries: targeted No No Collection and modeling to improve catch-includes Barn U.S. Fish and Wildlife Service through Ohio Department of Natural Re</td><td>Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 Name Mayer, Christine Marie Department Environmental Sciences, Department of Bossenbroek, Jonathan Hintz, William Ager, Christine Marie Department Environmental Sciences, Department of Qian, Song S. No \$27,273 Building Resilient Shorelines—Shoreline Alterations and Nearshore National Oceanic and Atmospheric Administration through Ohio Department of Natural Resources No \$27,273 Name Becker, Richard Department Environmental Sciences, Department of No \$27,273 Name Becker, Richard Department Environmental Sciences, Department of U.S. Department of Agriculture No \$58,740 U.S. Department of Agriculture Department Heckathorn, Scott Alan Department Environmental Sciences, Department of Removal of invasive grass carp from Lake Erie and tributaries: targeted Collection and modeling to improve catch-includes Barn U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$50,000 Name Mayer, Christine Marie Bossenbroek, Jonathan Clian, Song S. Department Environmental Sciences, Department of Sum of Department (Environmental Sciences, Department of Qian, Song S. No \$2,879 Mame Garcia-Mata, Rafael Avidor-Reiss, Tomer Department Biological Sciences, Department of Biological Sciences, Depar</td><td>Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 \$36,022 Name Department Department Mayer, Christine Marie Bossenbroek, Jonathan Environmental Sciences, Department of Collan, Song S. Monometric Environmental Sciences, Department of 25 % Credit 25 Building Resolution Resources Environmental Sciences, Department of 25 % Credit 25 Building Resolution Resources No \$27,273 \$2,727 Habitat Atmospheric Administration through Ohio Department of Natural Resources No \$26,021 Name Department Environmental Sciences, Department of 25 No \$27,273 \$2,727 Habitat Name Department Environmental Sciences, Department of Natural Resources No \$26,740 \$5,874 U.S. Department of Agriculture Department of Agriculture No \$56,740 \$5,874 V.S. Department of Agriculture Department of Natural Resources No \$50,000 \$00 Removal of invasive grass car from Lake Erie and tributaries: targeted Outlection and modeling to improve catchincludes Barn No \$50,000 \$0 <</td><td>Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 \$36,022 \$396,240 No U.S. Fish and Wildlife Service through Ohio Department of Natural Resources ½ Credit 5 Name Department % Credit 25 Bossenbrock, Jonathan Environmental Sciences, Department of 25 5 Building Resilient Shorelines—Shoreline Alterations and Nearshore No \$27,273 \$2,727 \$30,000 National Oceanic and Atmospheric Administration through Ohio Department of 100 100 100 Investigating leaf angle response to temperature and carbon dioxide No \$58,740 \$5,874 \$64,614 U.S. Fish and Middlife Service through Ohio Department of 100 100 100 100 Removal of invasive grass carp from Lake Erie and tributaries: targeted No \$50,000 \$0 \$50,000 Operatment Environmental Sciences, Department of 30 330 100 Researces No \$50,000 \$0 \$50,000 <t< td=""></t<></td></td<>	Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No Name Department Bepartment Bepartment Service through Ohio Department of Natural Resources No Name Department Service through Ohio Department of Natural Resources, Department of Bossenbroek, Jonathan Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of Environmental Sciences, Department of Autional Oceanic and Atmospheric Administration through Ohio Department of Natural Resources No Name Department Becker, Richard Environmental Sciences, Department of No Investigating leaf angle response to temperature and carbon dioxide No No U.S. Department of Agriculture Environmental Sciences, Department of No Removal of invasive grass carp from Lake Erie and tributaries: targeted No No No U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No No Name Department Horizonmental Sciences, Department of Environmental Sciences, Department of Removal of invasive grass carp from Lake Erie and tributaries: targeted No No Collection and modeling to improve catch-includes Barn U.S. Fish and Wildlife Service through Ohio Department of Natural Re	Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 Name Mayer, Christine Marie Department Environmental Sciences, Department of Bossenbroek, Jonathan Hintz, William Ager, Christine Marie Department Environmental Sciences, Department of Qian, Song S. No \$27,273 Building Resilient Shorelines—Shoreline Alterations and Nearshore National Oceanic and Atmospheric Administration through Ohio Department of Natural Resources No \$27,273 Name Becker, Richard Department Environmental Sciences, Department of No \$27,273 Name Becker, Richard Department Environmental Sciences, Department of U.S. Department of Agriculture No \$58,740 U.S. Department of Agriculture Department Heckathorn, Scott Alan Department Environmental Sciences, Department of Removal of invasive grass carp from Lake Erie and tributaries: targeted Collection and modeling to improve catch-includes Barn U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$50,000 Name Mayer, Christine Marie Bossenbroek, Jonathan Clian, Song S. Department Environmental Sciences, Department of Sum of Department (Environmental Sciences, Department of Qian, Song S. No \$2,879 Mame Garcia-Mata, Rafael Avidor-Reiss, Tomer Department Biological Sciences, Department of Biological Sciences, Depar	Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 \$36,022 Name Department Department Mayer, Christine Marie Bossenbroek, Jonathan Environmental Sciences, Department of Collan, Song S. Monometric Environmental Sciences, Department of 25 % Credit 25 Building Resolution Resources Environmental Sciences, Department of 25 % Credit 25 Building Resolution Resources No \$27,273 \$2,727 Habitat Atmospheric Administration through Ohio Department of Natural Resources No \$26,021 Name Department Environmental Sciences, Department of 25 No \$27,273 \$2,727 Habitat Name Department Environmental Sciences, Department of Natural Resources No \$26,740 \$5,874 U.S. Department of Agriculture Department of Agriculture No \$56,740 \$5,874 V.S. Department of Agriculture Department of Natural Resources No \$50,000 \$00 Removal of invasive grass car from Lake Erie and tributaries: targeted Outlection and modeling to improve catchincludes Barn No \$50,000 \$0 <	Removal of invasive grass carp from Lake Erie and tributaries: targeted collection and modeling to improve catch U.S. Fish and Wildlife Service through Ohio Department of Natural Resources No \$360,218 \$36,022 \$396,240 No U.S. Fish and Wildlife Service through Ohio Department of Natural Resources ½ Credit 5 Name Department % Credit 25 Bossenbrock, Jonathan Environmental Sciences, Department of 25 5 Building Resilient Shorelines—Shoreline Alterations and Nearshore No \$27,273 \$2,727 \$30,000 National Oceanic and Atmospheric Administration through Ohio Department of 100 100 100 Investigating leaf angle response to temperature and carbon dioxide No \$58,740 \$5,874 \$64,614 U.S. Fish and Middlife Service through Ohio Department of 100 100 100 100 Removal of invasive grass carp from Lake Erie and tributaries: targeted No \$50,000 \$0 \$50,000 Operatment Environmental Sciences, Department of 30 330 100 Researces No \$50,000 \$0 \$50,000 <t< td=""></t<>

Dept Award

Credit

Total Award

Direct Cost

Indirect Cost

Cash?

	now all projects that were active in FY2 new funds, i.e. not reported in a previo						Dept Award
			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ke Erie Soil and Wa	ter Research and Education Center						
C-126208-03	Lake Erie Center for Fresh Waters subaward		No	\$24,438	\$11,608	\$36,046	\$36,04
7/1/20 to 6/30/21	National Institutes of Health through	Bowling Green State University					1
<u>Role</u> PI/PD	<u>Name</u> Bridgeman, Thomas B.	<u>Department</u> Lake Erie Soil and Water Research and Ec	ducation Center		<u>% Credit</u> 100		
C-126208-04	Lake Erie Center for Fresh Waters subaward		No	\$24,780	\$11,771	\$36,551	\$36,55
7/1/21 to 6/30/22	National Institutes of Health through	Bowling Green State University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ec	ducation Center		100		
C-127386-03	Lake Erie Center for Fresh Waters subaward		No	\$54,269	\$25,778	\$80,047	\$80,04
10/1/20 to 9/30/21	National Science Foundation throug						1
Role	Name	Department			<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ed	-	AF (A ()	100	* ~~ ~~ ~	
C-127386-04	Lake Erie Center for Fresh Waters subaward	and Human HealthBGSU NSF	No	\$54,644	\$25,956	\$80,600	\$80,60
10/1/21 to 9/30/22	National Science Foundation throug	h Bowling Green State University					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ed	ducation Center		100		
C-128363-02	Harmful Algae Microbiome		No	\$80,965	\$19,035	\$100,000	\$40,00
10/1/20 to 9/30/21	U.S. Department of Energy through	Lawrence Livermore National Laboratory					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Isailovic, Dragan	Chemistry and Biochemistry, Department of	of		60		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ec	ducation Center		40		
Stdnt Schol	Wank, Justin	Environmental Sciences, Department of					
C-128627-02	H20hio Wetland Monitoring Progra		No	\$297,900	\$29,790	\$327,690	\$81,92
6/1/21 to 6/30/22	Ohio Department of Natural Resour	ces through Ohio State University					1
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Doro, Kennedy Okioghene	Environmental Sciences, Department of			40		
Co-I	Becker, Richard	Environmental Sciences, Department of			25		
Co-l	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ed	ducation Center		25		
Co-I	Qian, Song S.	Environmental Sciences, Department of			10		
Stdnt Schol	Martz, Michael T.						
Stdnt Schol	McMahan, Michala Dane						
Stdnt Schol	Tomalewski, Anthony M.						

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r Research and Education Center Active Early Detection and Diagnos Treatment Strategies U.S. Army Corps of Engineers Name Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook Great Lakes Bay Watershed Educat	is of HABs with Scalable Biological N Department Civil & Environmental Engineering, Department of Lake Erie Soil and Water Research and Education Cer Civil & Environmental Engineering, Department of	lo	\$450,699	\$56,815 % Credit	\$507,514	\$152,25
Treatment Strategies U.S. Army Corps of Engineers Name Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook	<u>Department</u> Civil & Environmental Engineering, Department of Lake Erie Soil and Water Research and Education Cer		\$450,699		\$507,514	\$152,2
U.S. Army Corps of Engineers Name Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook	Civil & Environmental Engineering, Department of Lake Erie Soil and Water Research and Education Cer	nter		% Crodit		
<u>Name</u> Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook	Civil & Environmental Engineering, Department of Lake Erie Soil and Water Research and Education Cer	nter		% Crodit		
Seo, Youngwoo Bridgeman, Thomas B. Kang, Dae Wook	Civil & Environmental Engineering, Department of Lake Erie Soil and Water Research and Education Cer	ntor		% Cradit		
Bridgeman, Thomas B. Kang, Dae Wook	Lake Erie Soil and Water Research and Education Cer	ntor				
Kang, Dae Wook		ntor		40		
0;	Civil & Environmental Engineering, Department of	nici		30		
Great Lakes Bay Watershed Educat				30		
-	ion and Training (B-WET) program N	ю	\$72,891	\$6,992	\$79,883	\$79,8
	dministration					
Name	Department			% Credit		
Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Cer	nter		60		
Hintz, William	Lake Erie Soil and Water Research and Education Cer	nter		20		
Spanbauer, Trisha	Lake Erie Soil and Water Research and Education Cer	nter		20		
COMPASS FME	N	lo	\$1,094,038	\$412,868	\$1,506,906	\$301,38
U.S. Department of Energy through E	Battelle Memorial Institute					
Name	Department			% Credit		
Weintraub, Michael N.	Environmental Sciences, Department of			40		
Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Cer	nter		20		
Doro, Kennedy Okioghene	Environmental Sciences, Department of			20		
	Environmental Sciences, Department of			20		
•						
Kolapkar, Amar Mohan						
COMPASS FME - Pre Award	N	ю	\$52,192	\$20,903	\$73,095	\$29,23
U.S. Department of Energy through E	Battelle Memorial Institute					
<u>Name</u>	Department			<u>% Credit</u>		
Weintraub, Michael N.	Environmental Sciences, Department of			40		
Bridgeman, Thomas B.		nter		20		
Doro, Kennedy Okioghene	Environmental Sciences, Department of			20		
Spanbauer, Trisha	Lake Erie Soil and Water Research and Education Cer	nter		20		
H20hio Wetland Monitoring Program	n N	lo	\$12,520	\$1,252	\$13,772	\$4,13
Ohio Department of Natural Resource	es through Ohio State University					
Name	Department			<u>% Credit</u>		
				40		
Bridgeman, Thomas B.	•	nter		30		
Qian, Song S.	Environmental Sciences, Department of			30		
	Name Bridgeman, Thomas B. Hintz, William Spanbauer, Trisha COMPASS FME U.S. Department of Energy through E Name Weintraub, Michael N. Bridgeman, Thomas B. Doro, Kennedy Okioghene Qian, Song S. Spanbauer, Trisha Kohart, Corbin Joseph Kolapkar, Amar Mohan COMPASS FME - Pre Award U.S. Department of Energy through E Name Weintraub, Michael N. Bridgeman, Thomas B. Doro, Kennedy Okioghene Spanbauer, Trisha Kohart, Corbin Joseph Kolapkar, Amar Mohan COMPASS FME - Pre Award U.S. Department of Energy through E Name Weintraub, Michael N. Bridgeman, Thomas B. Doro, Kennedy Okioghene Spanbauer, Trisha H20hio Wetland Monitoring Program Ohio Department of Natural Resource Name Doro, Kennedy Okioghene Bridgeman, Thomas B. Doro, Kennedy Okioghene Bridgeman, Thomas B. <td>Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Hintz, William Lake Erie Soil and Water Research and Education Ce Spanbauer, Trisha Lake Erie Soil and Water Research and Education Ce COMPASS FME M U.S. Department of Energy through Battelle Memorial Institute M Name Department Weintraub, Michael N. Environmental Sciences, Department of Diridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Doro, Kennedy Okioghene Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of Spanbauer, Trisha Environmental Sciences, Department of Kolapkar, Amar Mohan Environmental Sciences, Department of COMPASS FME - Pre Award M U.S. Department of Energy through Battelle Memorial Institute N Name Department Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Name Department Weintraub, Michael N. Environmental Sciences, Department of</td> <td>National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Hintz, William Lake Erie Soil and Water Research and Education Center Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center COMPASS FME No U.S. Department of Energy through Battelle Memorial Institute No Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Doro, Kennedy Okioghene Environmental Sciences, Department of Gian, Song S. Environmental Sciences, Department of Kohart, Corbin Joseph Kolapkar, Amar Mohan COMPASS FME - Pre Award No U.S. Department of Energy through Battelle Memorial Institute No VU.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No VU.S. Department of Nomas B. Lake Erie Soil and Water Resear</td> <td>National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Hintz, William Lake Erie Soil and Water Research and Education Center Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center COMPASS FME No \$1,094,038 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Doro, Kennedy Okioghene Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of State State Sciences, Department of Kohart, Corbin Joseph Kolapkar, Amar Mohan Environmental Sciences, Department of COMPASS FME - Pre Award No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$12,520 Obio Methand Monitoring Program No \$12,520 Ohio Department of Natural Resou</td> <td>National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 60 Hintz, William Lake Erie Soil and Water Research and Education Center 20 Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center 20 COMPASS FME No \$1,094,038 \$412,868 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,868 U.S. Department of Energy through Battelle Memorial Institute % Credit 40 Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 20 20 Doro, Kennedy Okioghene Environmental Sciences, Department of 20 20 Spanbauer, Trisha Environmental Sciences, Department of 20 20 Kohart, Corbin Joseph Kohart, Corbin Joseph 20 20 20 Kohart, Amar Mohan Department of 20 20 20 20 VS. Department of Energy through Battelle Memorial Institute 20 20 20 20 20 20<</td> <td>National Oceanic and Atmospheric Administration Name Department % Credit Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 60 Hintz, William Lake Erie Soil and Water Research and Education Center 20 COMPASS FME No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute Veintraub, Michael N. Environmental Sciences, Department of 40 Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 20 CompAss FME COMPASS FME No \$52,192 \$20,903 \$73,095 U.S. Department of Energy through Battelle Memorial Institute No \$20,eod \$73,095 U.S. Department of Energy through Battelle Memorial Institute Yeintraub, Michael N.<</td>	Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Hintz, William Lake Erie Soil and Water Research and Education Ce Spanbauer, Trisha Lake Erie Soil and Water Research and Education Ce COMPASS FME M U.S. Department of Energy through Battelle Memorial Institute M Name Department Weintraub, Michael N. Environmental Sciences, Department of Diridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Doro, Kennedy Okioghene Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of Spanbauer, Trisha Environmental Sciences, Department of Kolapkar, Amar Mohan Environmental Sciences, Department of COMPASS FME - Pre Award M U.S. Department of Energy through Battelle Memorial Institute N Name Department Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Ce Name Department Weintraub, Michael N. Environmental Sciences, Department of	National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Hintz, William Lake Erie Soil and Water Research and Education Center Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center COMPASS FME No U.S. Department of Energy through Battelle Memorial Institute No Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Doro, Kennedy Okioghene Environmental Sciences, Department of Gian, Song S. Environmental Sciences, Department of Kohart, Corbin Joseph Kolapkar, Amar Mohan COMPASS FME - Pre Award No U.S. Department of Energy through Battelle Memorial Institute No VU.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No U.S. Department of Energy through Battelle Memorial Institute No VU.S. Department of Nomas B. Lake Erie Soil and Water Resear	National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Hintz, William Lake Erie Soil and Water Research and Education Center Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center COMPASS FME No \$1,094,038 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 Weintraub, Michael N. Environmental Sciences, Department of Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center Doro, Kennedy Okioghene Environmental Sciences, Department of Qian, Song S. Environmental Sciences, Department of State State Sciences, Department of Kohart, Corbin Joseph Kolapkar, Amar Mohan Environmental Sciences, Department of COMPASS FME - Pre Award No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$52,192 U.S. Department of Energy through Battelle Memorial Institute No \$12,520 Obio Methand Monitoring Program No \$12,520 Ohio Department of Natural Resou	National Oceanic and Atmospheric Administration Name Department Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 60 Hintz, William Lake Erie Soil and Water Research and Education Center 20 Spanbauer, Trisha Lake Erie Soil and Water Research and Education Center 20 COMPASS FME No \$1,094,038 \$412,868 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,868 U.S. Department of Energy through Battelle Memorial Institute % Credit 40 Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 20 20 Doro, Kennedy Okioghene Environmental Sciences, Department of 20 20 Spanbauer, Trisha Environmental Sciences, Department of 20 20 Kohart, Corbin Joseph Kohart, Corbin Joseph 20 20 20 Kohart, Amar Mohan Department of 20 20 20 20 VS. Department of Energy through Battelle Memorial Institute 20 20 20 20 20 20<	National Oceanic and Atmospheric Administration Name Department % Credit Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 60 Hintz, William Lake Erie Soil and Water Research and Education Center 20 COMPASS FME No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute No \$1,094,038 \$412,688 \$1,506,906 U.S. Department of Energy through Battelle Memorial Institute Veintraub, Michael N. Environmental Sciences, Department of 40 Bridgeman, Thomas B. Lake Erie Soil and Water Research and Education Center 20 CompAss FME COMPASS FME No \$52,192 \$20,903 \$73,095 U.S. Department of Energy through Battelle Memorial Institute No \$20,eod \$73,095 U.S. Department of Energy through Battelle Memorial Institute Yeintraub, Michael N.<

Dept Award

-yoing projects with	new funds, i.e. not reported in a previous	fiscal year.	0 1 0			-	Dept Award
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
athematics & Statist	tics, Department of						
C-126323-04	Choose Ohio First		No	\$145,313	\$0	\$145,313	\$145,31
7/1/20 to 6/30/21	Ohio Department of Higher Education						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Martin, Geoffrey K.	Mathematics & Statistics, Department of			100		
C-126325-04	Choose Ohio First		No	\$38,025	\$0	\$38,025	\$38,02
7/1/20 to 6/30/21	Ohio Department of Higher Education						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chen, Zhiwei	Mathematics & Statistics, Department of			100		
C-127752-02	Machine Learning and Network Scie	nce for Predicting Kidney	No	\$184,561	\$93,203	\$277,764	\$27,77
	Transplant Survival						
3/1/20 to 7/31/21	National Institutes of Health						
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Xu, Kevin Shuai	Electrical Engineering and Computer Science,	Department	of	65		
Co-I	Chen, Tian	Mathematics & Statistics, Department of			10		
Co-I	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department	of		25		
Stdnt Schol	Forche, Lindsey Ann						
Stdnt Schol	Sloma, Michael Stephen						
Stdnt Schol	Thapa, Prathana						
		Sum of Department (Mathematics & St	atistics, Dep	artment Awa	rd Count: 2.10		\$211,1 [,]
	ny Department of						
ivsics and Astronot							
nysics and Astronon		sillator Strengths Radiative	No	\$8 619	\$4 094	\$12 713	\$12.71
-	UV Laboratory Measurements of Os	• ·	No	\$8,619	\$4,094	\$12,713	\$12,7 [,]
C-126169-04	UV Laboratory Measurements of Os Lifetimes, and Dissociation Products	of CH, C2, and CS		\$8,619	\$4,094	\$12,713	\$12,7 [,]
2-126169-04	UV Laboratory Measurements of Os Lifetimes, and Dissociation Products	• ·		\$8,619	. ,	\$12,713	\$12,7 <i>°</i>
C-126169-04	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admi	s of CH, C2, and CS nistration through University of California at Davis		\$8,619	\$4,094 <u>% Credit</u> 100	\$12,713	\$12,7 ⁻
2-126169-04 1/1/21 to 12/31/21 Role PI/PD	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admin Name	s of CH, C2, and CS nistration through University of California at Davis Department		\$8,619	<u>% Credit</u>	\$12,713 \$150,971	
-126169-04 /1/21 to 12/31/21 Role PI/PD C-126327-04	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admin Name Federman, Steven R.	s of CH, C2, and CS nistration through University of California at Davis Department	S		<u>% Credit</u> 100		
C-126169-04 //1/21 to 12/31/21 Role PI/PD C-126327-04 7/1/20 to 6/30/21	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admin Name Federman, Steven R. Choose Ohio First Ohio Department of Higher Education	s of CH, C2, and CS nistration through University of California at Davis Department Physics and Astronomy, Department of	S		<u>% Credit</u> 100 \$0		
C-126169-04 ///21 to 12/31/21 Role PI/PD C-126327-04	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admi <u>Name</u> Federman, Steven R. Choose Ohio First	s of CH, C2, and CS nistration through University of California at Davis Department	S		<u>% Credit</u> 100		
-126169-04 /1/21 to 12/31/21 Role PI/PD -126327-04 /1/20 to 6/30/21 Role PI/PD	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admin Name Federman, Steven R. Choose Ohio First Ohio Department of Higher Education Name	s of CH, C2, and CS nistration through University of California at Davis Department Physics and Astronomy, Department of Department Physics and Astronomy, Department of	S	\$150,971	<u>% Credit</u> 100 \$0 <u>% Credit</u> 100	\$150,971	\$150,9
-126169-04 /1/21 to 12/31/21 Role PI/PD -126327-04 /1/20 to 6/30/21 Role PI/PD	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admi <u>Name</u> Federman, Steven R. Choose Ohio First Ohio Department of Higher Education <u>Name</u> Khare, Sanjay V.	s of CH, C2, and CS nistration through University of California at Davis Department Physics and Astronomy, Department of Department Physics and Astronomy, Department of	s No		<u>% Credit</u> 100 \$0 <u>% Credit</u>		\$150,9 [°]
C-126169-04 /1/21 to 12/31/21 Role PI/PD C-126327-04 /1/20 to 6/30/21 Role PI/PD C-126335-01-S5	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admin Name Federman, Steven R. Choose Ohio First Ohio Department of Higher Education Name Khare, Sanjay V. Infrared Abundances and the Chemi	of CH, C2, and CS nistration through University of California at Davis Department Physics and Astronomy, Department of Department Physics and Astronomy, Department of cal Enrichment of the	s No	\$150,971	<u>% Credit</u> 100 \$0 <u>% Credit</u> 100	\$150,971	\$150,9 [°]
C-126169-04 1/1/21 to 12/31/21 Role PI/PD C-126327-04 7/1/20 to 6/30/21 Role	UV Laboratory Measurements of Ose Lifetimes, and Dissociation Products National Aeronautics and Space Admining Name Federman, Steven R. Choose Ohio First Ohio Department of Higher Education Name Khare, Sanjay V. Infrared Abundances and the Chemi Universe17-ADAP17-0205	of CH, C2, and CS nistration through University of California at Davis Department Physics and Astronomy, Department of Department Physics and Astronomy, Department of cal Enrichment of the	s No	\$150,971	<u>% Credit</u> 100 \$0 <u>% Credit</u> 100	\$150,971	\$12,71 \$150,97 \$34,96

-	new funds, i.e. not reported in a previou	1. This report shows only new and					Dept Award
	new funds, i.e. not reported in a previot		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
nysics and Astrono	my, Department of						
C-126958-03	Center for Hybrid Organic-Inorgani (CHOISE)		No	\$73,579	\$36,421	\$110,000	\$110,00
3/19/20 to 1/8/22	U.S. Department of Energy through	Alliance for Sustainable Energy LLC					1
<u>Role</u> PI/PD	<u>Name</u> Yan, Yanfa	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
-127056-01-102	Orion: The Final Epoch		No	\$105,738	\$26,033	\$131,771	\$131,77
2/26/19 to 2/25/22	National Aeronautics and Space Adr	ninistration					
Role PI/PD	<u>Name</u> Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-127223-03	Development of Low Cost Materials Space Solar Cells (ROSET) Air Force Research Laboratory		No	\$1,833,342	\$666,658	\$2,500,000	\$2,500,00
Role	· · · · ·	Department			% Credit		1
PI/PD	<u>Name</u> Ellingson, Randall J.	Physics and Astronomy, Department of			<u>15 // 15 //</u>		
Co-I	Amar, Jacques G.	Physics and Astronomy, Department of Physics and Astronomy, Department of			5		
Co-I	Collins, Robert W.	Physics and Astronomy, Department of			15		
Co-l	Heben, Michael J.	Physics and Astronomy, Department of			15		
Co-l	Khare, Sanjay V.	Physics and Astronomy, Department of			5		
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of			15		
Co-I	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			15		
Co-I	Yan, Yanfa	Physics and Astronomy, Department of			15		
C-127320-02	Quantum theories of atomic and m	olecular interactions, and their	No	\$70,486	\$35,595	\$106,081	\$106,08
	applications						
0/1/20 to 8/31/22	National Science Foundation						_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Gao, Bo	Physics and Astronomy, Department of			100		
C-127339-02	Transactive Campus		No	\$43,189	\$21,811	\$65,000	\$45,50
10/1/20 to 9/30/21	U.S. Department of Energy through	Battelle Memorial Institute					
Role	Name	Department			<u>% Credit</u>		
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of			40		
Co-I	Ellingson, Randall J.	Physics and Astronomy, Department of			30		
Co-I	Khanna, Raghav	Electrical Engineering and Computer Scienc	e, Department	of	30		
C-127382-01-l02	Clusters, Clumps, Dust and Gas in		No	\$16,797	\$8,300	\$25,097	\$25,09
7/1/20 to 6/30/22	Space Telescope Science Institute			,	, - ,	,	,
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of			100		

This report does not sh	s & Mathematics, College ow all projects that were active in FY2 new funds, i.e. not reported in a previo	1. This report shows only new and	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Physics and Astronom	ny, Department of						
C-127720-02 1/1/21 to 12/31/21	Two Decades of Protostellar Varial Spitzer, SOFIA and NEOWISE Arch National Aeronautics and Space Ad	nival Study	No	\$102,177	\$51,599	\$153,776	\$153,776
Role Pl/PD	<u>Name</u> Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-127974-01-I01 1/1/20 to 12/31/20	Targeting fiber quality attributes forCotton, Incorporated through Texas		No	\$21,739	\$3,261	\$25,000	\$25,00
<u>Role</u> PI/PD Stdnt Schol	<u>Name</u> Ray, Aniruddha Kreais, Zachary Joseph	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-127974-02 1/1/21 to 12/31/21	Targeting fiber quality attributes for Cotton, Incorporated through Texas		No	\$32,815	\$4,922	\$37,737	\$37,73
Role PI/PD	<u>Name</u> Ray, Aniruddha	Department Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-128396-02	Through Discovery and Mitigation Mechanisms	-	No	\$79,734	\$40,266	\$120,000	\$120,000
10/1/20 to 9/30/21 Role PI/PD Co-I	U.S. Department of Energy through <u>Name</u> Yan, Yanfa Ellingson, Randall J.	<u>Lawrence Livermore National Laboratory</u> <u>Department</u> Physics and Astronomy, Department of Physics and Astronomy, Department of			<u>% Credit</u> 50 50		
C-128403-02 10/1/20 to 9/30/21	Seed Program: Investigation of Pe for Nuclear/Renewable Energy Par U.S. Department of Energy through		No	\$109,635	\$55,365	\$165,000	\$56,100
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Khanna, Raghav Heben, Michael J. Javaid, Ahmad Y.	<u>Department</u> Electrical Engineering and Computer Scienc Physics and Astronomy, Department of Electrical Engineering and Computer Scienc	•		<u>% Credit</u> 33 34 33		
C-128723-01-l01 10/15/20 to 10/14/21	Sample Measurement for Covalent Covalent Metrology	t MetrologyOctober 2020	Yes	\$5,434	\$1,766	\$7,200	\$7,200
Role PI/PD	<u>Name</u> Podraza, Nikolas Jacob	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		

This report does **not** show all projects that were active in FY21. 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** Physics and Astronomy, Department of C-128737-01-I01 Photovoltaic Sheets for High Specific Power Space-Based Energy No \$4,600,000 \$2,323,000 \$6,923,000 \$6,923,000 Harvesting (PVS-EH) (STAR) 5/26/21 to 2/2/26 Air Force Research Laboratory Role Name Department % Credit Physics and Astronomy. Department of PI/PD Ellingson, Randall J. 14 5 Co-I Amar. Jacques G. Physics and Astronomy, Department of Co-I Collins, Robert W. Physics and Astronomy, Department of 14 Co-I Physics and Astronomy, Department of Heben, Michael J. 14 Co-I Khare, Sanjay V. Physics and Astronomy, Department of 5 Co-I Phillips, Adam B. Physics and Astronomy, Department of 10 Co-I Podraza, Nikolas Jacob Physics and Astronomy, Department of 14 Co-I Physics and Astronomy, Department of 10 Song, Zhaoning Co-I Yan, Yanfa Physics and Astronomy, Department of 14 N-127313-01-A1 Tracking the Causes and Effects of Galactic Winds with Resolved No \$221,238 \$111,726 \$332,964 \$332,964 Spectroscopy 8/15/20 to 7/31/23 National Science Foundation Role % Credit Name Department PI/PD Medling, Anne Marie Physics and Astronomy, Department of 100 N-127382-01-I01 Clusters, Clumps, Dust and Gas in Extreme Star-Forming Galaxies \$16,787 No \$8,310 \$25,097 \$25,097 7/1/19 to 6/30/22 Space Telescope Science Institute Role Department % Credit Name PI/PD Chandar, Rupali Physics and Astronomy, Department of 100 N-127665-01-W3 **Perovskite Process Implementation** No \$96,321 \$47,679 \$144,000 \$144,000 6/1/20 to 5/31/21 First Solar, LLC Role Name % Credit Department PI/PD Yan, Yanfa Physics and Astronomy, Department of 50 Co-I Heben, Michael J. Physics and Astronomy, Department of 50 N-127856-01 **REU Site: Research Experiences for Undergraduates in Physics and** No \$102.750 \$8.055 \$110.805 \$110.805 Astronomy at the University of Toledo National Science Foundation 9/15/20 to 8/31/21 Role Name Department % Credit PI/PD Irving, Richard E. Physics and Astronomy, Department of 50 Co-I Khare, Sanjay V. Physics and Astronomy, Department of 50 N-128014-01 Modeling the Abundance and Distribution of the First Stars and No \$151,880 \$75,487 \$227,367 \$227,367 Galaxies 8/15/20 to 7/31/23 National Science Foundation

Dept Award

Credit

-	new funds, i.e. not reported in a previo	21. This report shows only new and ous fiscal year.					Dept Award
geg p. ejeete titut	····· · ······ · · · · · · · · · · · ·		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
nysics and Astronon	ny, Department of						
N-128462-01	Cold Gas Around Black Holes: Fu	eling and Feedback in Galaxy Mergers	No	\$30,027	\$2,400	\$32,427	\$32,42
9/1/20 to 8/31/22	National Science Foundation throug	h National Radio Astronomy Observatory					_
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Medling, Anne Marie	Physics and Astronomy, Department of			100		
N-128506-01	A New Low-Temperature Approac	n for Efficient and Low-Cost Group V	No	\$79,734	\$40,266	\$120,000	\$120,00
	Doping in CdTe Thin Film Solar Ce						
3/1/21 to 8/31/22	U.S. Department of Energy through	University of Alabama					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			100		
I-128556-01	The Spitzer IRS Mapping Legacy A	Archive	No	\$48,457	\$24,471	\$72,928	
5/1/21 to 4/30/22	National Aeronautics and Space Ad	ministration through University of California at San					
	Diego	c ,					
Role	Name	<u>Department</u>			% Credit]
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of			100		
Stdnt Schol	Carroll, David Alden						
Stdnt Schol	Dowd, McKenna Delaney						
Stdnt Schol	Walsh, Edward Andrew						
Stdnt Schol	Watson, Julie Elizabeth						
N-128737-01	Photovoltaic Sheets for High Spec	ific Power Space-Based Energy	No	\$2,341,421	\$658,579	\$3,000,000	\$3,000,00
	Harvesting (PVS-EH) (STAR)						
2/1/21 to 2/2/26	Air Force Research Laboratory						-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of			14		
Co-l	Amar, Jacques G.	Physics and Astronomy, Department of			5		
Co-l	Collins, Robert W.	Physics and Astronomy, Department of			14		
Co-l	Heben, Michael J.	Physics and Astronomy, Department of			14		
Co-I Co-I	Khare, Sanjay V. Phillips, Adam B.	Physics and Astronomy, Department of Physics and Astronomy, Department of			5 10		
Co-l	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			10		
Co-l	Song, Zhaoning	Physics and Astronomy, Department of			10		
Co-l	Yan. Yanfa	Physics and Astronomy, Department of			14		
Stdnt Schol	Tatum, Jackson Ford	· · · j = · · · · · · · · · · j , _ · · · · · · · · · · · · · · · · · ·					
I-128758-01	Research support - Gift		No	\$25,000	\$0	\$25,000	\$25,00
0/21/20 to 10/20/23	Obsidian Sensors, Inc.						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			100		

	now all projects that were active in FY2 ² new funds, i.e. not reported in a previou		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Physics and Astronor	ny, Department of						
N-128898-01	Cycle Nine GO Grant		No	\$78,671	\$39,729	\$118,400	\$118,400
6/16/21 to 6/15/23	Universities Space Research Associa	ation					_
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of			100		
R-125845-02	Fabrication of VO2 Thin Films on 8	" Wafers at UT	No	\$34,116	\$17,229	\$51,345	\$51,345
6/1/20 to 12/31/20	Leonardo DRS						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			100		
S-126499-01-S3	The 6 pc DASH: A WFC3 1.6 micro Shaped Filament	n Survey of the Orion Integral	No	\$19,944	\$9,872	\$29,816	\$29,816
1/1/18 to 12/31/20	Space Telescope Science Institute						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		
S-126499-01-S4	The 6 pc DASH: A WFC3 1.6 micro	n Survey of the Orion Integral	No	\$19,944	\$9,872	\$29,816	\$29,816
	Shaped Filament						
1/1/18 to 12/31/21	Space Telescope Science Institute						-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		
		Sum of Department (Physics and Ast	tronomy, Depa	rtment o Awa	rd Count: 29.04		\$14,759,875
		Sum of College (Natural Sciences 8	Mathematics	, College Awa	rd Count: 86.19		\$24,259,509
lursing, Colleg	e of						
	now all projects that were active in FY21						Dept Award
n-going projects with	new funds, i.e. not reported in a previou	is fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>

Nursing, College of

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

Nursing, College of							
C-127086-03	Educating a Community Within a Co	ommunity: Mental Health First Aid	No	\$114,1	127 \$9,130	\$123,257	\$36,977
	and Green Zone Training at the Univ						
9/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-I	Gray, Temeaka A.	Nursing, College of					
Co-I	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
Co-I	Thompson, Amy J.	School of Population Health			20		
N-128740-01	Governor's Emergency Education R	elief (GEER)	No	\$318,8	348 \$0	\$318,848	\$318,848
3/13/20 to 6/30/22	Ohio Department of Higher Educatior	1					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Lewandowski, Linda A.	Nursing, College of			100		
		Sum of De	partment (Nursing, C	ollege of)	Award Count: 1.30		\$355,825
		Sum c	of College (Nursing, C	ollege of)	Award Count: 1.30		\$355,825

Cash?

Direct Cost

Indirect Cost

Pharmacy & Pharmaceutical Sciences, College of

This report does not show all projects that were active in FY21. 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 Medicinal and Biological Chemistry, Department of C-125945-04 Choose Ohio First for Excellence in the Pharmaceutical Sciences No \$0 \$84,500 \$84,500 \$84,500 (COFEPS) 7/1/20 to 6/30/21 Ohio Department of Higher Education Role Name Department % Credit PI/PD Slama, James T. Medicinal and Biological Chemistry, Department of 100 C-126111-04 **Development of Attenuated Furoxans as Novel Therapies for** No \$250,000 \$136,250 \$386,250 \$386,250 **Alzheimer's Disease** National Institute on Aging 2/1/21 to 1/31/22 % Credit Role Name Department PI/PD 75 Schiefer, Isaac T. Medicinal and Biological Chemistry, Department of Co-I Shah, Zahoor Medicinal and Biological Chemistry, Department of 25

Dept Award

Credit

Total Award

Pharmacy & Pharmaceutical Sciences, College of

This report does **not** show all projects that were active in FY21. This report shows only new and on-going projects with **new** funds, i.e. not reported in a previous fiscal year.

		<u> </u>	<u>asii:</u>	Direct Cost		<u>Total Awaru</u>	
Medicinal and Biologic	al Chemistry, Department of						
C-127518-02	Methods to synthesize oligosacchar enhancement of their antigenicity National Institute of Allergy & Infection		No	\$290,151	\$146,526	\$436,677	\$240,172
Role PI/PD Co-I Co-I Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Sucheck, Steven Joseph Prestwich, Erin G. Wall, Katherine Ann Carlson, Eric Andrew Dodson, Taylor Ann Yerg, John Keith	<u>Department</u> Chemistry and Biochemistry, Department of Medicinal and Biological Chemistry, Department of Medicinal and Biological Chemistry, Department of			<u>% Credit</u> 45 17 38		
C-127575-02	Cofilin Signaling in Hemorrhagic St		No	\$250,000	\$136,250	\$386,250	\$386,250
4/1/21 to 3/31/22	National Institute of Neurological Disc	rders and Stroke					
<u>Role</u> PI/PD Co-I	<u>Name</u> Shah, Zahoor Tillekeratne, Liyanaaratchige	<u>Department</u> Medicinal and Biological Chemistry, Department of Medicinal and Biological Chemistry, Department of			<u>% Credit</u> 90 10		
N-128276-01	Metastatin Analogs for the Treatmer		No	\$81,723	\$41,270	\$122,993	\$122,993
10/1/20 to 9/30/21	State University of New York Downsta	ate Medical Center					
<u>Role</u> PI/PD	<u>Name</u> Erhardt, Paul W.	<u>Department</u> Medicinal and Biological Chemistry, Department of			<u>% Credit</u> 100		
N-128548-01	Regulation of Ferroptosis by the p5	3/CDK/Rb Axis	No	\$300,000	\$151,500	\$451,500	\$158,025
6/1/21 to 5/31/24	National Institute of General Medical	Sciences					
Role PI/PD Co-I	<u>Name</u> Taylor, William R. Tillekeratne, Liyanaaratchige	<u>Department</u> Biological Sciences, Department of Medicinal and Biological Chemistry, Department of			<u>% Credit</u> 65 35		
N-129043-01	Studies of Benzalkonium chloride s	kin penetration	No	\$24,177	\$13,177	\$37,354	\$28,016
5/17/21 to 5/16/22	Rockline Industries						
Role PI/PD Co-I Stdnt Schol Stdnt Schol	<u>Name</u> Prestwich, Erin G. Baki, Gabriella Hite, Collin C. Tidwell, Alexis Pearl	<u>Department</u> Medicinal and Biological Chemistry, Department of Pharmacy Practice, Department of			<u>% Credit</u> 75 25		
		Sum of Department (Medicinal and Biologic	al Che	mistry, D Awa	rd Count: 5.65		\$1,406,206

Cash?

Direct Cost

Indirect Cost

Pharmacology & Experimental Therapeutics, Department of

Dept Award

Credit

Total Award

Pharmacy & Pharmaceutical Sciences, College of

•	how all projects that were active in F new funds, i.e. not reported in a prev	Y21. This report shows only new and vious fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Pharmacology & Exp	erimental Therapeutics, Departmen	t of					
C-127438-02		electronic cigarette vapor containing	No	\$13,303	\$0	\$13,303	\$13,303
8/15/20 to 8/14/22		- · · ·			2/ 2 11/		1
<u>Role</u> PI/PD	<u>Name</u> Sari, Youssef	<u>Department</u> Pharmacology & Experimental Therapeut	ics, Department of		<u>% Credit</u> 100		
N-128348-01	Development of Novel Inducers TNBC	of Non-Apoptotic Cell Death to Target	No	\$999,942	\$422,817	\$1,422,759	\$1,252,028
1/1/21 to 12/31/23	U.S. Department of Defense						_
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tiwari, Amit K. Gunning, William T. Khuder, Sadik Raman, Dayanidhi	<u>Department</u> Pharmacology & Experimental Therapeut Pathology, Department of Medicine, Department of Cancer Biology, Department of	ics, Department of		<u>% Credit</u> 88 3 3 3		
Co-I	Tang, Yuan	Bioengineering, Department of		<u></u>	3		
Pharmacy BS Pharm	Science Fees	Sum of Department (Pharmacolo g	Jy & ⊏xperimentar	inerap Awa	a Count. 1.00		\$1,265,331
C-128897-01-l01	Testing in vitro SPF and broad s	pectrum protection	No	\$3,788	\$1,212	\$5,000	\$5,000
1/18/21 to 4/30/21	ACT Solutions Corp						
Role PI/PD Stdnt Schol Stdnt Schol	<u>Name</u> Baki, Gabriella Bougouma, Nongdo Zauel, Natalie Lauren	<u>Department</u> Pharmacy BS Pharm Science Fees			<u>% Credit</u> 100		
C-128897-02	Testing in vitro SPF and broad s	pectrum protection	No	\$0	\$0	\$0	\$0
5/1/21 to 4/30/22	ACT Solutions Corp						_
	Name	Department			<u>% Credit</u>		
Role PI/PD Stdnt Schol	Baki, Gabriella Bougouma, Nongdo	Pharmacy BS Pharm Science Fees			100		
PI/PD	Baki, Gabriella	Pharmacy BS Pharm Science Fees Sum of Department (Pharmacy	BS Pharm Scienc	e Fees) Awa	100		\$5,000
PI/PD	Baki, Gabriella Bougouma, Nongdo		BS Pharm Scienc	e Fees) Awa	100		\$5,000
PI/PD Stdnt Schol	Baki, Gabriella Bougouma, Nongdo Department of		BS Pharm Scienc No	e Fees) Awa \$64,080	100	\$64,080	\$5,000

Pharmacy & Pharmaceutical Sciences, College of

	<u>Cash?</u>			<u>Total Awaru</u>	
on-going projects with new funds, i.e. not reported in a previous fiscal year.		Direct Cost	Indirect Cost	Total Award	Dept Award Credit
This report does not show all projects that were active in FY21. This report shows only new and					

C-127611-03	MINHC project		No	\$18,518	\$1,482	\$20,000	\$10,00
9/1/20 to 8/31/21	Health Resources & Services Administr	ation through University of Illinois at Chicago					
Role	<u>Name</u>	Department			<u>% Credit</u>		
PI/PD	Sahloff, Eric G.	Pharmacy Practice, Department of			50		
Co-I	Duggan, Joan	Medicine, Department of			50		
C-128594-01-l01	Testing in vitro SPF and broad spectre	um protection	No	\$523	\$167	\$690	\$69
9/12/20 to 9/11/21	Chemspire LLC						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100		
N-128197-01	Testing Meadowfoam Seed Oil as a pi	gment dispersing agent	No	\$6,515	\$3,485	\$10,000	\$9,00
7/1/20 to 12/31/20	Natural Plant Products, Inc.						
Role	Name	Department			<u>% Credit</u>		
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			90		
Co-I	Liberatore, Matthew Walter	Chemical Engineering, Department of			10		
N-128594-01	Testing in vitro SPF and broad spectre	um protection	No	\$523	\$167	\$690	\$690
8/11/20 to 9/11/20	Chemspire LLC						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Baki, Gabriella	Pharmacy Practice, Department of			100		
N-129043-01	Studies of Benzalkonium chloride ski	n penetration	No	\$24,177	\$13,177	\$37,354	\$9,33
5/17/21 to 5/16/22	Rockline Industries						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Prestwich, Erin G.	Medicinal and Biological Chemistry, Department of			75		
Co-I	Baki, Gabriella	Pharmacy Practice, Department of			25		
Stdnt Schol	Hite, Collin C.						
Stdnt Schol	Tidwell, Alexis Pearl						
		Sum of Department (Pharmacy Practice,	, Departm	ent of) Award	Count: 4.65		\$93,79
		Sum of College (Pharmacy & Pharmaceutic	aal Saiana	Award	Count: 14 19		\$2,770,33

Provost - Academic Affairs, Enrollment Services

This report does not show all projects that were active in FY21. 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>

Provost, Executive VP Academic Affairs

Provost - Academic Affairs, Enrollment Services

n-going projects with	new funds, i.e. not reported in a previou	us fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Provost, Executive VI	P Academic Affairs						
N-129296-01	Choose Ohio First FY16 Completio	n Grant	No	\$933,372	\$0	\$933,372	\$933,372
6/1/21 to 5/31/22	Ohio Department of Higher Educatio	n					
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Thompson, Amy J.	Provost, Executive VP Academic Affairs			100		
S-127230-01-S1	The Student Experience at Univers	ity of Toledo: Advancing Equity by	No	\$12,000	\$0	\$12,000	\$12,000
	Design						
9/1/20 to 8/31/21	Association of Public and Land Gran	t Universities					-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Bartell, Denise Susan	Provost, Executive VP Academic Affairs			100		
S-127230-01-S2	The Student Experience at Univers	ity of Toledo: Advancing Equity by	No	\$14,000	\$0	\$14,000	\$14,000
	Design						
12/2/20 to 8/31/21	Association of Public and Land Gran	t Universities					-
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Bartell, Denise Susan	Provost, Executive VP Academic Affairs			100		
		Sum of Department (Provost, Execu	itive VP Acade	mic Affai Awa	rd Count: 3.00		\$959,372
Student Activities Ad	min						
S-127358-02	Rocket Fuel Food Recovery Progra	m	No	\$5,000	\$0	\$5,000	\$5,000
8/31/20 to 12/31/20	Association of Public and Land Gran		NO	φ3,000	φυ	\$5,000	\$5,000
					0/ One dit		1
Role PI/PD	Name Sasar	Department			<u>% Credit</u> 100		
PI/PD	Spann, Sammy	Student Activities Admin					
		Sum of Department (St	udent Activities	s Admin) Awa	rd Count: 1.00		\$5,000
Student Affairs							
N-128704-01	Ohio Student Voting Summit		No	\$0	\$1,000	\$1,000	\$1,000
9/24/20 to 9/23/21	Campus Vote Project						
	Name	Department			% Credit		1
Role		Student Affairs					
Role PI/PD	Soliz, Michele Catherine				100		
	Zernechel, Alex	Student Affairs			100		
PI/PD	,		rtment (Studen	t Affairs) Awa	rd Count: 1.00		<u>]</u> \$1,000

Provost - Academic Affairs, Enrollment Services

This report does not show all projects that were active in FY21. 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	<u>I</u> Total Award	<u>Dept Award</u> <u>Credit</u>

R-103911-25	UT Student Support Services		No	\$254,727	\$20,378	\$275,105	\$275,105
9/1/20 to 8/31/21	U.S. Department of Education						
Role	Name	<u>Department</u>			<u>% Credit</u>		
PI/PD	Palmer, Toycee Hague	TRIO Student Support Services			100		
Co-PI	Tucker, Tia Nicole	TRIO Student Support Services			0		
Stdnt Schol	Adeagbo, Abolade Heritage						
Stdnt Schol	Collier, Hannah Nicole						
Stdnt Schol	Khan, Iraj						
Stdnt Schol	Lamb, Cameron Jamel	TRIO Student Support Services					
Stdnt Schol	Northington, JonDareo'	TRIO Student Support Services					
Stdnt Schol	Oziri, Jennifer Chimdindu						
Stdnt Schol	Sharpe, Natalie	TRIO Student Support Services					
Stdnt Schol	Spandix, Justin D'Shawn	TRIO Student Support Services					
Stdnt Schol	Williams, Karlee						
		Sum of Department (TRIO S	udent Support S	ervices) Award	Count: 1.00		\$275,10
pward Bound							
C-110170-14	Upward Bound Program		No	\$446,982	\$35,759	\$482,741	\$482,74 [,]
9/1/20 to 8/31/21	U.S. Department of Education						
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Rogers, Pamela N.	Upward Bound			100		
Stdnt Schol	Cedeno-Rosario, Luis Angel						
Stdnt Schol	Greenwade, Christopher James						
	Mays, Montissa Lei						
Stdnt Schol	iviays, iviorilissa Lei					I	

9/1/20 to 8/	/31/21 U.S	S. Department of Education			
Ro	ole	<u>Name</u>	Department	<u>% Credit</u>]
PI	/PD	Rogers, Pamela N.	Upward Bound	100	
			Sum of Department (Upward Bound)	Award Count: 2.00	\$780,342
			Sum of College (Provost - Academic Affairs, Enrollment Se	Award Count: 8.00	\$2,020,819
Public Se	afoty				

Public Safety

This report does not show all projects that were active in FY21. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.				<u> </u>	Dept Award
	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>

Safety and Health, Office of

Public Safety

Co-I

9/24/2021 3:47:44PM

	how all projects that were active in FY21 new funds, i.e. not reported in a previou		Cosh2	Direct Cost	Indinant Cont	Total Aurord	Dept Award
			<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
afety and Health, Of							
N-128727-01	Coronavirus Response Grant		No	\$3,000	\$0	\$3,000	\$3,00
9/1/20 to 12/31/21	Ohio Department of Health through L	ucas County Regional Health District					_
Role	<u>Name</u>	<u>Department</u>			<u>% Credit</u>		
PI/PD	Newton, Jeff C.	Safety and Health, Office of			100		
		Sum of Department	(Safety and Health, (Office of) Awa	ard Count: 1.00		\$3,00
niversity Police							
C-127086-03	Educating a Community Within a Co	ommunity: Mental Health First Aid	No	\$114,127	\$9,130	\$123,257	\$12,32
	and Green Zone Training at the Univ	versity of Toledo and Beyond					
/30/20 to 9/29/22	Substance Abuse and Mental Health	Services Administration					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lewandowski, Linda A.	Nursing, College of			30		
Co-l	Gray, Temeaka A.	Nursing, College of					
Co-l	Johnson, Tressa S.	University Police			10		
Co-I	Laux, John Micah	School of Intervention & Wellness			10		
Co-I	McCullumsmith, Cheryl Beth	Psychiatry, Department of			10		
Co-I	Petra, Megan Meta	School of Social Justice			10		
Co-I	Riddick, Vicki L.	Human Resources			10		
Co-I	Thompson, Amy J.	School of Population Health			20		
		Sum of D	epartment (Universit	y Police) Awa	ard Count: 0.10		
		S	Sum of College (Publ	ic Safety) Awa	ard Count: 1.10		\$15,32
coorch 8 Ea	onomic Development						
	how all projects that were active in FY21	This report shows only new and					
	new funds, i.e. not reported in a previou						Dept Award
5 51 5	· · · ·	,	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ban Affairs Center							
N-128873-01	Village of Marblehead, OH Village M	anager Feasibility Project	No	\$3,182	\$318	\$3,500	\$2,34
3/1/21 to 7/31/21	Village of Marblehead						
Role	Name	Department			% Credit		
PI/PD	Boden, Daniel Paul	Urban Affairs Center			67		
Co-I	Shetty, Sujata	Geography and Planning, Department	of		33		
		Delitical Osianas and Dublis Administra					

Political Science and Public Administration, Department of

Sum of Department (Urban Affairs Center) Award Count: 0.67

Wang, Qun

\$2,345

Research & Sponsored Programs MC

n-going projects with	new funds, i.e. not reported in a previous	bus fiscal year.	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
esearch & Sponsor	ed Programs						
C-125698-04	I-Corp Node: Activating the Midwo	est I-Corps Network	No	\$43,242	\$14,054	\$57,296	\$57,29
1/1/20 to 12/31/21	National Science Foundation throu	gh University of Michigan					
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Rapino, Norman	Research & Sponsored Programs			100		
C-128160-02	Entrepreneurial Signature Progra		No	\$113,033	\$36,171	\$149,204	\$149,20
1/1/21 to 12/31/21	Ohio Development Services Agenc	•		, ,,,,,,,,	,	, .	, ., .
Role	Name	Department			<u>% Credit</u>		1
PI/PD	Moore. Pamela Jean	Research & Sponsored Programs			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		
Co-I	Rapino, Norman	Research & Sponsored Programs			100		
N-127707-01		n fortified with clinical immersion and	No	\$40,000	\$3,200	\$43,200	\$4,32
	medical device commercialization				,	, , ,	, ,-
8/17/20 to 7/31/21	National Institutes of Health						
Role	Name	<u>Department</u>			% Credit]
PI/PD	Yildirim-Ayan, Eda D.	Bioengineering, Department of			65		
Co-I	Ayan, Halim	Bioengineering, Department of			10		
Co-I	Cioc, Sorin	Mechanical, Industrial, and Manufacturing I	Engineering, Dep	partment of	5		
Co-I	Pappada, Scott Michael	Medical Services 5			5		
Co-I	Rapino, Norman	Research & Sponsored Programs			10		
Co-l	Relue, Patricia Ann	Bioengineering, Department of			5		
N-128925-01	Lab-to-Market Inclusive Innovatio	No	\$18,868	\$6,132	\$25,000	\$25,00	
6/1/21 to 5/31/23	U. S. Small Business Administratio	n					_
Role	Name	<u>Department</u>			% Credit		
PI/PD	Rapino, Norman	Research & Sponsored Programs			100		
S-125746-03-S1	Topic II: NSF I-Corps Site at The L	Iniversity of Toledo	No	\$45,102	\$14,658	\$59,760	\$59,76
7/10/20 to 2/28/22	National Science Foundation	-					
Role	Name	<u>Department</u>			<u>% Credit</u>		1
PI/PD	Rapino, Norman	Research & Sponsored Programs			100		
		Sum of Department (Research a	& Sponsored Pr	ograms) Awa	rd Count: 4.10		\$295,58
		Sum of College (Research & S	ponsored Proar	ams MC) Awa	rd Count: 4.10		\$295,58
		5 (,			. ,-

Student Affairs

-going projects with	new funds, i.e. not reported in a previou	us fiscal year.	Cash?	Direct C	ost Indirect Cost	Total Award	Dept Award Credit
				Direct O		<u>Iotal Awaru</u>	
ounseling Center							
N-128629-01 10/1/20 to 6/30/21	Ohio Program for Campus Safety a Ohio Department of Mental Health a			\$5,0	00 \$0	\$5,000	\$5,00
Role	University Name	Department			% Credit		1
PI/PD	Sullivan, Latasha Christine	Counseling Center			100		
			Sum of Department (Counseli	ng Center)	Award Count: 1.00		\$5,00
			Sum of College (Stud	ent Affairs)	Award Count: 1.00		\$5,00
	how all projects that were active in FY2		and				Dept Award
-going projects with	new funds, i.e. not reported in a previou	us liscal year.	Cash?	Direct C	ost Indirect Cost	Total Award	Credit
ean - University Col	llege						
N-123253-01	Military Service Center Student Su	pport	Yes	\$8,1	60 \$0	\$8,160	\$8,1
1/1/12 to 6/30/13	U.S. Department of Veterans Affairs						-
1/1/12 to 6/30/13 Role	U.S. Department of Veterans Affairs Name	Department			<u>% Credit</u>		1
	1				<u>% Credit</u> 100]
Role	Name	<u>Department</u> Dean - University College	Department (Dean - Universi	y College)			\$8,1
Role	Name	<u>Department</u> Dean - University College	Department (Dean - Universi Sum of College (Universi		100		\$8,1 \$8,1
Role PI/PD T Medical Cen	<u>Name</u> Lettman, Dennis S. Iter how all projects that were active in FY2	Department Dean - University College Sum of 1. This report shows only new a	Sum of College (Universi	ty College)	100Award Count: 1.00Award Count: 1.00		
Role PI/PD T Medical Cen	<u>Name</u> Lettman, Dennis S.	Department Dean - University College Sum of 1. This report shows only new a	Sum of College (Universi		100Award Count: 1.00Award Count: 1.00		\$8,1
Role PI/PD T Medical Cen	<u>Name</u> Lettman, Dennis S. Iter how all projects that were active in FY2 new funds, i.e. not reported in a previou	Department Dean - University College Sum of 1. This report shows only new a	Sum of College (Universi	ty College)	100Award Count: 1.00Award Count: 1.00		\$8,1
Role PI/PD T Medical Cen his report does not st h-going projects with	Name Lettman, Dennis S. Nter how all projects that were active in FY2 new funds, i.e. not reported in a previou ces Grass Carp Spawning Potential in	Department Dean - University College Sum of 1. This report shows only new a us fiscal year.	Sum of College (Universi	ty College)	100 Award Count: 1.00 Award Count: 1.00 ost Indirect Cost		\$8,1
Role PI/PD T Medical Cen his report does not so h-going projects with nvironmental Servic C-126439-04 9/15/20 to 9/14/21	Name Lettman, Dennis S. Nter how all projects that were active in FY2 new funds, i.e. not reported in a previou	Department Dean - University College Sum of 1. This report shows only new a us fiscal year. the Sandusky River	Sum of College (Universi and <u>Cash?</u>	ty College)	100 Award Count: 1.00 Award Count: 1.00 ost Indirect Cost 67 \$26,422		\$8,1 Dept Award <u>Credit</u>
Role PI/PD T Medical Cen nis report does not stan-going projects with nvironmental Service C-126439-04 9/15/20 to 9/14/21 Role	Name Lettman, Dennis S. Nter how all projects that were active in FY2 new funds, i.e. not reported in a previou Ces Grass Carp Spawning Potential in U.S. Geological Survey Name	Department Dean - University College Sum of 1. This report shows only new a us fiscal year. the Sandusky River Department	Sum of College (Universi and <u>Cash?</u>	ty College)	100 Award Count: 1.00 Award Count: 1.00 ost Indirect Cost 67 \$26,422 <u>% Credit</u>		\$8,1 Dept Award <u>Credit</u>
Role PI/PD T Medical Cen his report does not so h-going projects with nvironmental Servic C-126439-04 9/15/20 to 9/14/21	Name Lettman, Dennis S. Nter how all projects that were active in FY2 new funds, i.e. not reported in a previou ces Grass Carp Spawning Potential in U.S. Geological Survey	Department Dean - University College Sum of 1. This report shows only new a us fiscal year. the Sandusky River	Sum of College (Universi and <u>Cash?</u> No	ty College)	100 Award Count: 1.00 Award Count: 1.00 ost Indirect Cost 67 \$26,422		\$8,1 Dept Awar <u>Credit</u>

Vascular Lab

UT Medical Center

This report does not show all projects that were active in FY21. This report shows only new and on-going projects with new funds, i.e. not reported in a previous fiscal year.						Dept Award	
	······································		<u>Cash?</u> Di	rect Cost	Indirect Cost	Total Award	<u>Credit</u>
/ascular Lab							
N-128674-01	Effect of endovascular treatment of depression outcomes		No	\$3,000	\$0	\$3,000	\$3,00
9/15/20 to 9/14/22	American Academy of Neurology Ec						-
Role PI/PD Stdnt Schol	<u>Name</u> Kung, Vieh Ming Battepati, Dhanushya	<u>Department</u> Vascular Lab			<u>% Credit</u> 100		
Stdnt Schol Stdnt Schol	Koffman, Erin Elizabeth Sharkey, Brandon Michael						
			Sum of Department (Vascular I	.ab) Awa	ard Count: 1.00		\$3,0
			Sum of College (UT Medical Cer	nter) Awa	ard Count: 1.50		\$108,0
Grand Total:				Awa	ard Count: 409.00		\$65,374,2