The University of Toledo Research and Sponsored Programs FY 2012 Awards By College and Department

Proposal # Public Title
Budget Period Sponsor(s)

A al14 a.a al 1 !fa	lawar Laarrainaa Callaara	<u>R</u>	eporting Cash			<u> </u>	Dept Award
Adult and Life	long Learning, College	OT	Received?	Direct Co	st Indirect Cost	Total Award	<u>Credit</u>
Administration, Univ	versity College						
C-103911-16	UT Student Support Services		No	\$214,47	8 \$16,625	\$231,103	\$231,103
9/1/11 to 8/31/12	U.S. Department of Education						_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Stone, Robin	Administration, University College			100		
N-122896-01	Edison Technology Incubation	Program	No	\$350,00	0 \$0	\$350,000	\$350,000
7/30/11 to 12/31/12	Ohio Department of Developmen	t					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Waldock, Mary Jo Smith	Administration, University College			100		
Co-I	Gore, Shanda L.	Administration, Unspecified			0		
N-123253-01	Military Service Center Student	• •	Yes	\$9,68	3 \$0	\$9,683	\$9,683
1/1/12 to 12/31/12	U.S. Department of Veterans Affa	nirs					-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lettman, Dennis S.	Administration, University College			100		
R-102723-23	Carl D. Perkins Grant FY 12		No	\$86,23	4 \$0	\$86,234	\$86,234
7/1/11 to 6/30/12	U.S. Department of Education thr	ough Ohio Department of Education					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Momenee, Luanne	Administration, University College			100		
		Sum of Department (Administrati	on, University	College)	Award Count: 4.00		\$677,020
		Sum of College (Adult and Lifelon	g Learning, Co	llege of)	Award Count: 4.00		\$677,020
		- ·		- ,			•

Business Inno	ovation, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Finance and Busine	ess Economics, Department of					_
N-123038-01	LRD Waterways Transportation	n Rates Research No	\$83,077	\$24,923	\$108,000	\$36,720
1/1/12 to 12/31/12	U.S. Army Corps of Engineers t	hrough Marshall University Research Corporation				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Vonderembse, Mark A.	Finance and Business Economics, Department of		34		
Co-I	Lindquist, Peter S.	Geography and Planning, Department of		33		
Co-I	Nandkeolyar, Udayan	Information Operations and Technology Managemer	nt	33		
		Sum of Department (Finance and Business Econor	nics, De Aw	ard Count: 0.34		\$36,720

Pusinoss Inns	vetion College of	Reporting Cash			_	Dept Award
ousiness iiiilo	ovation, College of	Received?	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
nformation Operati	ions and Technology Managemen	t				
C-120628-04	Analyzing Regional Freight Info	rmation Resources No	\$138,890	\$61,110	\$200,000	\$100,000
10/1/11 to 5/31/13	U.S. Department of Transportation	n through University of Wisconsin - Madison				_
<u>Role</u>	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of		25		
Co-I	Smirnov, Oleg A.	Economics, Department of		25		
Co-I	Sundararaghavan, P. S.	Information Operations and Technology Managemer		25		
Co-I	Vonderembse, Mark A.	Information Operations and Technology Managemer		25		
N-123038-01	LRD Waterways Transportation	Rates Research No	\$83,077	\$24,923	\$108,000	\$35,64
1/1/12 to 12/31/12	U.S. Army Corps of Engineers thr	ough Marshall University Research Corporation				
Role	Name	Department		% Credit		
PI/PD	Vonderembse, Mark A.	Finance and Business Economics, Department of		34		
Co-I	Lindquist, Peter S.	Geography and Planning, Department of		33		
Co-I	Nandkeolyar, Udayan	Information Operations and Technology Managemer	nt	33		
S-121259-01-S1	Supply Chain Case Study Autor	notive Supply Chain No	\$10,792	\$4,910	\$15,702	\$15,70
1/1/09 to 9/30/11	Wisconsin Department of Transpo	ortation through University of Wisconsin System				,
Role	<u>Name</u>	Department		% Credit		
PI/PD	Vonderembse, Mark A.	Information Operations and Technology Managemer	nt	100		
		Sum of Department (Information Operations and Te	chnolog Awa	ard Count: 1.83		\$151,34
Iorthwest Ohio Cer	nter for Labor-Management Coop	eration				
N-123390-01	NOCLMC/WCEI	No	\$10,000	\$0	\$10,000	\$10,00
1/1/12 to 4/30/12	Toledo Community Foundation					
Role	Name	Department		% Credit		
PI/PD	Simon, Sandra L.	Northwest Ohio Center for Labor-Management Coop	eration	100		
N-123442-01	NWO Center for Labor-Manager	<u> </u>	\$20,000	\$0	\$20,000	\$20,00
6/15/12 to 12/31/12		·	. ,	·	. ,	. ,
Role	Name_	Department		% Credit		
	Simon, Sandra L.	Northwest Ohio Center for Labor-Management Coop	eration	100		
PI/PD	Olifforii, Garrara El					
	omon, oanara zi	Sum of Department (Northwest Ohio Center for Lal	bor-Man Awa	ard Count: 2.00		\$30,00

Education - Health Science & Human Service, Judith Herb College Refered? Direct Cost Indirect Cost Total Award Credit

Administration, HSHS-JHCOE

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Administration, HS	HS- IHCOF		-	Direct Cost	Indirect Cost		
N-122824-01	Northwest Ohio Tech Prep Serv	vice Center	No	\$579,370	\$50,380	\$629,750	\$629,75
9/6/11 to 6/30/12	Ohio Department of Education			. ,	. ,	. ,	. ,
Role	Name	Department			% Credit]
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
N-122960-01	FY12 & 13 Tech Prep Support		No	\$41,252	\$2,171	\$43,423	\$43,42
1/1/12 to 6/30/12	Ohio Department of Education						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
N-123233-01	Tech Prep Perkins Reallocation		No	\$23,757	\$1,250	\$25,007	\$25,00
2/22/12 to 6/30/12	U.S. Department of Education the	ough Ohio Department of Education					<u>-</u>
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
Criminal Justice an	d Social Work						
C-100685-01	Workforce Development		No	\$123 25 0	\$ 0	\$122 25 0	\$122 25i
C-109685-04 7/1/11 to 6/30/12	Workforce Development Administration for Children and F Services	amilies through Ohio Department of Jobs and F	No amily	\$123,250	\$0	\$123,250	\$123,25
	Administration for Children and F	amilies through Ohio Department of Jobs and F		\$123,250	\$0 <u>% Credit</u>	\$123,250	\$123,25 ¹
7/1/11 to 6/30/12	Administration for Children and F Services			\$123,250		\$123,250	\$123,2 5
7/1/11 to 6/30/12 Role	Administration for Children and F Services Name	Department Criminal Justice and Social Work		\$123,250	% Credit	\$123,250 \$33,000	
7/1/11 to 6/30/12 Role PI/PD	Administration for Children and F Services Name Cluse-Tolar, Theresa S.	Department Criminal Justice and Social Work act Training Institute	amily		% Credit 100		
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name	Department Criminal Justice and Social Work act Training Institute es Department	amily		% Credit 100 \$3,000 % Credit		\$123,250 \$33,000
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service	Department Criminal Justice and Social Work act Training Institute es	amily		% Credit 100 \$3,000		
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris	Department Criminal Justice and Social Work act Training Institute es Department	-amily No	\$30,000	% Credit 100 \$3,000 % Credit 100		
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris truction, Department of	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and	No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00	\$33,000	\$33,00 \$156,25
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris truction, Department of CTE Teacher Preparation and R	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work)	-amily No	\$30,000	% Credit 100 \$3,000 % Credit 100		\$33,00 \$156,25
Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris struction, Department of CTE Teacher Preparation and R U.S. Department of Education this	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Setention Cough Ohio Department of Education	No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00	\$33,000	\$33,00 \$156,25
Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12 Role Role Role Role Role Role Role	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris truction, Department of CTE Teacher Preparation and R U.S. Department of Education the Name	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Retention Cough Ohio Department of Education Department	No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00 \$3,667 % Credit	\$33,000	\$33,00 \$156,25
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12 Role PI/PD	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris struction, Department of CTE Teacher Preparation and R U.S. Department of Education the Name Hubaker, Paul	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Retention Fough Ohio Department of Education Department Curriculum and Instruction, Department of	No No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00 \$3,667 % Credit 100	\$33,000	\$33,00 \$156,25 \$77,00
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12 Role PI/PD	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris truction, Department of CTE Teacher Preparation and R U.S. Department of Education the Name Hubaker, Paul CAREER: Teaching Practices	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Retention Cough Ohio Department of Education Department	No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00 \$3,667 % Credit	\$33,000	\$33,00 \$156,25 \$77,00
Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12 Role PI/PD C-121419-02	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris struction, Department of CTE Teacher Preparation and R U.S. Department of Education the Name Hubaker, Paul CAREER: Teaching Practices Thinking	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Retention Fough Ohio Department of Education Department Curriculum and Instruction, Department of	No No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00 \$3,667 % Credit 100	\$33,000	\$33,00 \$156,25 \$77,00
7/1/11 to 6/30/12 Role PI/PD C-122082-02 7/1/11 to 6/30/12 Role PI/PD Curriculum and Ins C-106314-13 7/1/11 to 6/30/12 Role PI/PD	Administration for Children and F Services Name Cluse-Tolar, Theresa S. Disproportionate Minority Cont Ohio Department of Youth Service Name Jenkins, Morris truction, Department of CTE Teacher Preparation and R U.S. Department of Education the Name Hubaker, Paul CAREER: Teaching Practices	Department Criminal Justice and Social Work act Training Institute es Department Criminal Justice and Social Work Sum of Department (Criminal Justice and Social Work) Retention Fough Ohio Department of Education Department Curriculum and Instruction, Department of	No No No	\$30,000 al Work) Awa	% Credit 100 \$3,000 % Credit 100 ard Count: 2.00 \$3,667 % Credit 100	\$33,000	\$33,00

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Education - H	lealth Science & Humar	Service, Judith Herb College <u>refeived</u>	<u>sh</u> d?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Curriculum and Ins	struction, Department of						
N-121454-01-A1	Early Childhood Science	with Teachers and University to enRich N	lo	\$2,509,145	\$775,374	\$3,284,519	\$2,299,163
7/1/11 to 6/30/13	National Science Foundation						4
Role PI/PD Co-I Co-I	<u>Name</u> Czerniak, Charlene M. Kaderavek, Joan N. Molitor, Scott C.	<u>Department</u> Curriculum and Instruction, Department of Early Childhood, Physical, and Special Education Bioengineering, Department of			<u>% Credit</u> 70 10 20		
R-121833-03	The Woodward MSP Partnersh	•	Ю	\$308,082	\$21,106	\$329,188	\$164,594
7/1/11 to 6/30/12	U.S. Department of Education th	rough Ohio Department of Education					_
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B.	Department Mathematics, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of Curriculum and Instruction, Department of			<u>% Credit</u> 50 25 0 25		
		Sum of Department (Curriculum and Instruction	n. D	epartme Awa	ard Count: 3.20		\$2,680,407
Fauly Childhead D	busines and Charies Education		,	•			. , ,
C-110186-05	hysical, and Special Education Project EC-NET	N	lo	\$92,593	\$7,407	\$100,000	\$100,000
8/1/11 to 7/31/12	U.S. Department of Education	IN.	10	ψ92,593	Φ1,401	\$100,000	\$100,000
Role	Name	Department			% Credit		1
PI/PD	Welsch, Richard	Early Childhood, Physical, and Special Education	n		50		
Co-I	Pindiprolu, Sekhar	Early Childhood, Physical, and Special Education			50		
N-121454-01-A1 7/1/11 to 6/30/13	Networking Urban Resources Early Childhood Science National Science Foundation	with Teachers and University to enRich N	lo	\$2,509,145	\$775,374	\$3,284,519	\$328,452
Role	Name	Department			% Credit		1
PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of			70 <u>70 010011</u>		
Co-I	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education	n		10		
Co-I	Molitor, Scott C.	Bioengineering, Department of			20		
N-122620-01	Preparing for Employment	.,	lo	\$25,000	\$0	\$25,000	\$25,000
9/1/11 to 8/31/12	Lucas County Board of Develop	mental Disabilities					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Education		A 100.000	100	A150 000	
N-122656-01	The PARTNER Project	N	Ю	\$138,889	\$11,111	\$150,000	\$150,000
1/1/12 to 12/31/12	· · · · · · · · · · · · · · · · · · ·				0/ 6 ":		7
Role	Name	Department Forty Childhood Physical and Special Education			% Credit		
PI/PD Co-I	Dinnebeil, Laurie A. McInerney, William F.	Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education			50 50		

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	cantii oolelloe a mama	n Service, Judith Herb Coll <mark>ege</mark> e	<u>deiveu :</u>	Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
Early Childhood, P	hysical, and Special Education						
N-122894-01	Transition Programs for Stud	ents with Intellectual Disabilities into High	No	\$13,890	\$1,111	\$15,001	\$15,001
	Education (TOPS)						
10/1/11 to 9/30/12	U.S. Department of Education	through Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Edu	ucation		100		
R-121261-03	Career Exploration Program		No	\$4,364	\$436	\$4,800	\$4,800
7/5/11 to 7/15/11	Lucas County Board of Develo	pmental Disabilities					
Role	Name_	Department			% Credit		
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Edu	ucation		100		
		Sum of Department (Early Childhood, Phys	sical, and	Specia Awa	ard Count: 5.10		\$623,253
	lations and Landauahin	, , ,	,	•			,
	ations and Leadership	14 14 14 14 14 14		\$04.000	**	404.000	A 0.4.000
N-122015-01		ad the Way: University, School &	No	\$24,000	\$0	\$24,000	\$24,000
11/15/10 to 1/31/12	Community Collaboration Toledo Community Foundation						
		Danamena			0/ Crodit		
Role PI/PD	Name	<u>Department</u> Educational Foundations and Leadership			<u>% Credit</u> 100		
PI/PD	Hamer, Lynne M.						****
		Sum of Department (Educational Foundati	ons and I	_eaders Awa	ard Count: 1.00		\$24,000
Health and Recreat	tion Professions						
N-122675-01	Komen Care Groups		No	\$5,000	\$0	\$5,000	\$5,000
10/21/11 to 10/20/1	12 Susan G. Komen for the Cure.	Northwest Ohio			·	. ,	
10/21/11 10 10/20/1							
	,				% Credit		
Role	<u>Name</u>	<u>Department</u>			% Credit 50		
	,				<u>% Credit</u> 50 50		
Role PI/PD	<u>Name</u> Jordan, Timothy Ray Thompson, Amy J.	<u>Department</u> Health and Recreation Professions Health and Recreation Professions	No	\$10,100	50	\$10,100	\$10,100
Role PI/PD Co-I	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second	<u>Department</u> Health and Recreation Professions	No	\$10,100	50 50	\$10,100	\$10,100
Role PI/PD Co-I	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach	No	\$10,100	50 50	\$10,100	\$10,100
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13 Role	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach	No	\$10,100	50 50	\$10,100	\$10,100
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C Susan G. Komen for the Cure,	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach Northwest Ohio	No	\$10,100	50 50 \$0	\$10,100	\$10,100
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13 Role	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C Susan G. Komen for the Cure, Name	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach Northwest Ohio Department	No	\$10,100	50 50 \$0 <u>% Credit</u>	\$10,100	\$10,100
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13 Role PI/PD	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C Susan G. Komen for the Cure, Name Thompson, Amy J.	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach Northwest Ohio Department	No No	\$10,100 \$1,500	50 50 \$0 <u>% Credit</u>	\$10,100 \$2,000	
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13 Role PI/PD Co-I	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C Susan G. Komen for the Cure, Name Thompson, Amy J. Jordan, Timothy Ray	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach Northwest Ohio Department			50 50 \$0 <u>% Credit</u> 100		
Role PI/PD Co-I N-122914-01 5/1/12 to 4/30/13 Role PI/PD Co-I N-123020-01	Name Jordan, Timothy Ray Thompson, Amy J. Improving Primary & Second LBT Women in NW Ohio: A C Susan G. Komen for the Cure, Name Thompson, Amy J. Jordan, Timothy Ray BuzzKill	Department Health and Recreation Professions Health and Recreation Professions ary Prevention of Breast Cancer among ommunity Empowerment Approach Northwest Ohio Department			50 50 \$0 <u>% Credit</u> 100		\$10,100 \$2,000

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lealth and Recreat	ion Professions						
N-123059-01	Teenage Pregnancy Prevention	Evaluation	No	\$81,818	\$8,182	\$90,000	\$90,000
1/1/12 to 9/30/12		amilies through Lucas County Job and Family	Services		. ,	,	
Role PI/PD Co-I Co-I	<u>Name</u> Jordan, Timothy Ray Dake, Joseph Sheu, Jiunn-Jye	<u>Department</u> Health and Recreation Professions Health and Recreation Professions Health and Recreation Professions			<u>% Credit</u> 34 33 33		
N-123100-01	Concealed Carry on College Ca		No	\$21,819	\$2,181	\$24,000	\$24,000
5/1/12 to 4/29/13	Joyce Foundation			4,	+-,	4 ,	4 _ 1,555
Role PI/PD Co-I Co-I	<u>Name</u> Thompson, Amy J. Dake, Joseph Price, James H.	<u>Department</u> Health and Recreation Professions Health and Recreation Professions Health and Recreation Professions			<u>% Credit</u> 100		
R-106281-13	Reducing High-Risk Drinking		No	\$16,795	\$0	\$16,795	\$16,795
7/1/11 to 6/30/12	Substance Abuse and Mental Heat Alcohol and Drug Addiction Service	alth Services Administration through Ohio Dep ces	artment of				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Glassman, Tavis J.	Health and Recreation Professions			100		
		Sum of Department (Health and Recreat	tion Profes	ssions) Awa	ard Count: 6.00		\$147.895
Kinesiology, Depar N-122605-01	Restoring Neuromuscular Fund		No	\$1,000	\$0	\$1,000	
N-122605-01 7/6/11 to 6/30/13	Restoring Neuromuscular Func National Athletic Trainers' Associa	ction with Joint Mobilizations			\$0	\$1,000	
N-122605-01	Restoring Neuromuscular Fund	ction with Joint Mobilizations				\$1,000	
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01	Restoring Neuromuscular Fund National Athletic Trainers' Associa Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instand lumbo-pelvic-hip kinematic	Etion with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass additional contents of the second cont			\$0 <u>% Credit</u> 100	\$1,000 \$1,300	\$1,000
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12	Restoring Neuromuscular Fund National Athletic Trainers' Associa Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Ass	ction with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass as during landing sociation	No	\$1,000	\$0 <u>% Credit</u> 100 0 \$0		\$1,000
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role	Restoring Neuromuscular Fund National Athletic Trainers' Associa Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Asson	ction with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass as during landing sociation Department	No	\$1,000	\$0 <u>% Credit</u> 100 0 \$0		\$1,000
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role PI/PD	Restoring Neuromuscular Fund National Athletic Trainers' Associa Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Associated in the control of t	ction with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass as during landing sociation	No No	\$1,000 \$1,300	\$0 <u>% Credit</u> 100 0 \$0 <u>% Credit</u> 100		\$1,000 \$1,300
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role PI/PD Rehabilitation Scie	Restoring Neuromuscular Fund National Athletic Trainers' Associa Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Associated in the control of t	Department Kinesiology, Department of Kinesiology, Department of Sissipport of the location of center of mass S	No No y, Departm	\$1,300 \$1,300 nent of) Awa	\$0 % Credit 100 0 \$0 % Credit 100 ard Count: 2.00	\$1,300 	\$1,000 \$1,300 \$2,300
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role PI/PD Rehabilitation Scie N-122934-01	Restoring Neuromuscular Fund National Athletic Trainers' Associated Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instrand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Associated Name Gribble, Phillip Alexander Differences in the Magnitude of Activity in Subjects With and Wistudy	Etion with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass a during landing sociation Department Kinesiology, Department of	No No	\$1,000 \$1,300	\$0 <u>% Credit</u> 100 0 \$0 <u>% Credit</u> 100		\$1,000 \$1,300 \$2,300
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role PI/PD Rehabilitation Scie N-122934-01 12/1/11 to 11/30/12	Restoring Neuromuscular Fund National Athletic Trainers' Associated Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instrand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Associated Name Gribble, Phillip Alexander Differences in the Magnitude of Activity in Subjects With and Wistudy	Etion with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass as during landing sociation Department Kinesiology, Department of Sum of Department (Kinesiology f Change in Neck Posture and Muscle	No No y, Departm	\$1,300 \$1,300 nent of) Awa	\$0 % Credit 100 0 \$0 % Credit 100 ard Count: 2.00	\$1,300 	\$147,895 \$1,000 \$1,300 \$2,300
N-122605-01 7/6/11 to 6/30/13 Role PI/PD Co-I N-122872-01 1/1/12 to 12/31/12 Role PI/PD Rehabilitation Scie N-122934-01	Restoring Neuromuscular Fund National Athletic Trainers' Associated Name Pietrosimone, Brian Gribble, Phillip Alexander The effect of chronic ankle instrand lumbo-pelvic-hip kinematic Great Lakes Athletic Trainers' Associated Name Gribble, Phillip Alexander Differences in the Magnitude of Activity in Subjects With and Wistudy	Etion with Joint Mobilizations ation Department Kinesiology, Department of Kinesiology, Department of ability on the location of center of mass as during landing sociation Department Kinesiology, Department of Sum of Department (Kinesiology f Change in Neck Posture and Muscle	No No y, Departm	\$1,300 \$1,300 nent of) Awa	\$0 % Credit 100 0 \$0 % Credit 100 ard Count: 2.00	\$1,300 	\$1,000 \$1,300 \$2,300

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Education - Health Science & Human Service, Judith Herb Collegeneteived? Direct	t Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Sum of Department (Rehabilitation Science	s) Aw	ard Count: 1.00		\$1,000
Sum of College (Education - Health Science & Human Se	rv Aw	ard Count: 23.30		\$4,333,285

Engineering, (College of	<u>Re</u>	eporting Cash Received?	Discret Cont	la dina at Oa at	-	Dept Award
	llege of Engineering		<u>Received :</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-122292-01 4/1/11 to 3/31/13	Coastal Ohio Wind Project for Re Offshore Wind Energy U.S. Department of Energy through		No	\$409,529	\$90,471	\$500,000	\$0
Role	Name	Department			% Credit		
PI/PD Co-I	Afjeh, Abdollah A. Kozar, Robert P.	Mechanical, Industrial, and Manufact Administration, College of Engineerin		ng, Departn	100 0		
N-122496-01	Optimization and Sustainability of Wastes into Biofuels	<u>-</u>	No	\$10,309	\$4,691	\$15,000	\$4,500
8/15/11 to 8/14/12	U.S. Environmental Protection Age	ncy					
Role PI/PD Co-I Co-I	<u>Name</u> Kim, Dong Shik Apul, Defne Leblanc, Steven E.	Department Chemical and Environmental Enginee Civil Engineering, Department of Administration, College of Engineerin		ent of	<u>% Credit</u> 40 30 30		
N-122907-01 9/14/11 to 6/13/12	Design and Development of a No Minimize/Prevent Neck Injuries D Koc University	vel Car Seat Headrest to	No No	\$17,017	\$7,743	\$24,760	\$4,952
Role	Name	Department			% Credit		1
PI/PD	Goel, Vijay K.	Bioengineering, Department of			50		
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of			10		
Co-I	Demetropoulos, Constantine I	Bioengineering, Department of			20		
Co-I	Hefzy, Mohamed S.	Administration, College of Engineerin	g		20		
		um of Department (Administration, C	College of Eng	ineering Awa	ard Count: 0.50		\$9,452
Bioengineering, De	-	1011: 11		4470 400	A 04.475	* 050 500	A 050 500
C-120151-03	Multi-faceted Approach to Modeli		No	\$178,408	\$81,175	\$259,583	\$259,583
5/1/11 to 4/30/12	National Institutes of Health through				0/ 0 11		1
Role	Name	<u>Department</u>			% Credit		
PI/PD Co-I	Goel, Vijay K.	Bioengineering, Department of Bioengineering, Department of			50 50		
N-110329-01	Development of the Head and Ne	<u> </u>	Yes	\$8,636	\$864	\$9,500	\$9,500
14-110323-01	Chiropractic Research	or I mile Element Model for	103	ψ0,030	ΨΟΟ-Τ	ψ3,300	Ψ5,500
5/1/07 to 4/30/09	National Upper Cervical Chiropract	c Research Association					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		

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Engineering, (College of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Bioengineering, De	partment of						
N-121454-01-A1		th Teachers and University to enRich	No	\$2,509,145	\$775,374	\$3,284,519	\$656,904
7/1/11 to 6/30/13	National Science Foundation						
Role PI/PD Co-I Co-I	<u>Name</u> Czerniak, Charlene M. Kaderavek, Joan N. Molitor, Scott C.	Department Curriculum and Instruction, Department Early Childhood, Physical, and Special Bioengineering, Department of			<u>% Credit</u> 70 10 20		
N-122804-01	IRISense Noninvasive Glucose S	ensing Technology	No	\$20,000	\$0	\$20,000	\$20,000
8/2/11 to 4/1/12	Rocket Ventures LLC						
Role PI/PD	Name Cameron, Brent D.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
N-122907-01 9/14/11 to 6/13/12	Design and Development of a No Minimize/Prevent Neck Injuries D Koc University		No	\$17,017	\$7,743	\$24,760	\$19,808
Role	Name	Department			% Credit		1
PI/PD	Goel, Vijay K.	Bioengineering, Department of			50		
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of			10		
Co-I		Bioengineering, Department of			20		
Co-I	Hefzy, Mohamed S.	Administration, College of Engineering		42.122	20	40.000	
N-122983-01 9/14/11 to 11/14/11	Finite Element Analysis of the Ne RSB Spine LLC	w Pedicie Screws	No	\$2,400	\$600	\$3,000	\$3,000
Role	<u>Name</u>	Department			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123015-01 11/1/11 to 10/30/12	Biomechanics of the Facet Screw X-Spine Systems, Inc.	s and Interspinous Spacer	No	\$7,680	\$1,920	\$9,600	\$9,600
Role	<u>Name</u>	Department			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123032-01 1/16/12 to 1/16/13	Optimization of Pedicle Screw in Analysis in the Osteoporotic Lum Synthes Spine Co	the Lumbar Spine A Biomechanical nbar Spine	No	\$43,626	\$10,907	\$54,533	\$54,533
Role	Name	Department			% Credit		
PI/PD		Bioengineering, Department of			95		
Co-I	Goel, Vijay K.	Bioengineering, Department of			5		
N-123043-01	stiffness of the L-PS in conjuncti	rPlate L-Ti plate/L-PS spacer with the on with a pedicle screw system	No	\$14,080	\$3,520	\$17,600	\$17,600
10/25/11 to 1/25/12		Donortmont			0/ Cradit		1
Role PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department of			<u>% Credit</u> 100		
FI/FD	Ouei, vijay N.	bloerigineering, Department of			100		J

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		Repo	orting Cash			ı	Dept Award
Engineering, C	College of	·	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Bioengineering, Dep	partment of						
N-123058-01		Endplate on the Failure Strength of th	e No	\$36,000	\$9,000	\$45,000	\$45,000
	Vertebral Interbody Device Interf	ace					
12/1/11 to 12/31/12	Depuy Spine, Inc.						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123314-01		ynamic Therapy for the Treatment of	No	\$25,000	\$0	\$25,000	\$6,250
5/4/40 / 4/00/40	Chronic Sinusitis						
5/1/12 to 4/30/13	ProMedica Health System						1
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Baugh, Reginald F.	Surgery, Department of			25 25		
Co-I Co-I	Boddu, Sai Hanuman Sagar Cameron, Brent D.	Pharmacy Practice, Department of Bioengineering, Department of			25 25		
Co-I	Fournier, Ronald L.	Pathology, Department of			25 25		
S-122623-01-S1	Evaluation of Artificial Facets	r amology, population of	No	\$9,400	\$2,350	\$11,750	\$11,750
4/15/11 to 12/31/12			110	ψ0,100	Ψ2,000	Ψ11,100	Ψ11,100
Role	Name	Department			% Credit		1
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
S-122983-01-S1	Finite Element Analysis of the Ne	<u> </u>	No	\$2,400	\$600	\$3,000	\$3,000
9/14/11 to 11/14/11	RSB Spine LLC			* , ==	• • • • • • • • • • • • • • • • • • • •	* - /	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Role	Name	Department			% Credit		1
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
-		Sum of Department (Bioenginee	ring, Depart	ment of) Awa	ard Count: 11.25		\$1,116,528
Chamical and Envir	onmental Engineering, Departmer	t of	•	,			
N-122496-01	<u> </u>	of Converting Agricultural Animal	No	\$10,309	\$4,691	\$15,000	\$6,000
N-122430-01	Wastes into Biofuels	or Converting Agricultural Allimai	NO	φ10,509	φ 4 ,091	φ13,000	φ0,000
8/15/11 to 8/14/12	U.S. Environmental Protection Age	ncv					
Role	Name	Department			% Credit		1
PI/PD	Kim, Dong Shik	Chemical and Environmental Engineeri	ng. Departme	ent of	40		
Co-I	Apul, Defne	Civil Engineering, Department of	3, 1		30		
Co-I	Leblanc, Steven E.	Administration, College of Engineering			30		
N-122517-01	•	trolyte-Based Colloidal Drug Carriers	No	\$66,259	\$30,148	\$96,407	\$96,407
12/1/11 to 11/30/12	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lapitsky, Yakov	Chemical and Environmental Engineeri	ng, Departme	ent of	100		j

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Engineering, C	College of	Repo	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Chemical and Enviro	onmental Engineering, Departme	nt of					
N-122541-01 7/1/11 to 12/31/11	Meetings: Support of Student F	Participation in the 2011 North Americar the 2011 International Congress on	n No	\$10,000	\$0	\$10,000	\$10,000
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical and Environmental Engineeri	ng, Departme	ent of	<u>% Credit</u> 100		
N-122655-01	Spiral Wound Module Design fo	r CO2 Capture	No	\$64,484	\$29,340	\$93,824	\$93,824
10/1/11 to 9/30/12	U.S. Department of Energy through	nh Membrane Technology & Research					
Role PI/PD	<u>Name</u> Lipscomb, Glenn	Department Chemical and Environmental Engineeri	ng, Departme	ent of	<u>% Credit</u> 100		
N-122712-01 9/26/11 to 11/30/13	Studies on Presence, Influence Membranes U.S. Bureau of Reclamation	and Control of Biofilms on Desalination	n No	\$79,326	\$36,093	\$115,419	\$57,710
Role PI/PD Co-I	<u>Name</u> Escobar, Isabel C. Gruden, Cyndee	<u>Department</u> Chemical and Environmental Engineering Civil Engineering, Department of	ng, Departme	ent of	<u>% Credit</u> 50 50		
N-122820-01 3/1/12 to 2/28/15	CAREER: Photodirected Assem Complexes National Science Foundation	bly of Custom-Designed Polyelectrolyte	e No	\$160,337	\$72,953	\$233,290	\$233,290
Role	Name_	Department			% Credit		
PI/PD	Lapitsky, Yakov	Chemical and Environmental Engineeri	ng, Departme	ent of	100		
N-122883-01	Direct Catalytic Conversion of L	ignin to Aromatic Chemicals	No	\$34,364	\$15,636	\$50,000	\$25,000
4/18/12 to 11/19/12	U.S. Department of Energy through	nh Suganit Systems, Inc.					
Role PI/PD Co-I	<u>Name</u> Mason, Mark R. Varanasi, Sasidhar	<u>Department</u> Chemistry, Department of Chemical and Environmental Engineeri	ng, Departme	ent of	<u>% Credit</u> 50 50		
N-122897-01 1/11/12 to 12/31/12	Institute	ortium led by the Mineta Transportation through San Jose State University Research		\$38,168	\$11,832	\$50,000	\$22,500
Role PI/PD Co-I	<u>Name</u> Kumar, Ashok Kim, Dong Shik	<u>Department</u> Civil Engineering, Department of Chemical and Environmental Engineeri	ng, Departme	ent of	<u>% Credit</u> 55 45		
N-122908-01	Stable Glass-Ceramic Nanocom	posites as Compliant Seals for SOFCs	No	\$27,060	\$12,313	\$39,373	\$39,373
2/20/12 to 11/19/12	U.S. Department of Energy through	nh SEM-COM, Inc.					
Role PI/PD	<u>Name</u> Azad, Abdul-Majeed	<u>Department</u> Chemical and Environmental Engineeri	ng, Departme	ent of	<u>% Credit</u> 100		

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.	Repo	rting Cash				Dept Award
College of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
onmental Engineering, Departm	ent of					
Meeting	2012 North American Membrane Society	No	\$5,000	\$0	\$5,000	\$5,000
						-
<u>Name</u> Escobar, Isabel C.		ng, Departme	ent of	<u>% Credit</u> 100		
		No	\$3,200	\$800	\$4,000	\$4,000
<u>Name</u> Varanasi, Sasidhar	<u>Department</u> Chemical and Environmental Engineerir	ng, Departme	ent of	<u>% Credit</u> 100		
		No	\$1,375	\$625	\$2,000	\$2,000
<u>Name</u> Varanasi, Sasidhar	<u>Department</u> Chemical and Environmental Engineerir	ng, Departme	ent of	<u>% Credit</u> 100		
		No logy	\$833	\$167	\$1,000	\$1,000
Name Schall, Constance Ann	<u>Department</u> Chemical and Environmental Engineerir	ng, Departme	ent of	<u>% Credit</u> 100		
	•	No	\$1,000,000	\$0	\$1,000,000	\$1,000,000
Ohio Department of Developmen	nt					
<u>Name</u> Varanasi, Sasidhar Lipscomb, Glenn	<u>Department</u> Chemical and Environmental Engineerir Chemical and Environmental Engineerir	ng, Departme ng, Departme	ent of ent of	<u>% Credit</u> 60 40		
	Sum of Department (Chemical and Envi	ronmental E	Engineer Awa	ard Count: 11.85		\$1,596,104
-		.,	A 0		A 0	4 =-
	gency through Ohio Department of Health	Yes	\$76	\$0	\$76	\$76 _
<u>Name</u> Kumar, Ashok	<u>Department</u> Civil Engineering, Department of			<u>% Credit</u> 100		
The University of Toledo Polluf	tion Prevention Grant Proposal	No	\$75,815	\$19,512	\$95,327	\$76,262
U.S. Environmental Protection A	gency					
<u>Name</u> Kumar, Ashok	<u>Department</u> Civil Engineering, Department of			<u>% Credit</u> 80		
	Student Travel Support for the Meeting Office of Naval Research Name Escobar, Isabel C. A Facile Pretreatment Strategy Effectively from a Variety of Light National Science Foundation Name Varanasi, Sasidhar A Facile Pretreatment Strategy Effectively from a Variety of Light National Science Foundation Name Varanasi, Sasidhar Processing of Algal Feedstock Air Force Research Lab-Kirtland Name Schall, Constance Ann Pilot Scale Demonstration of L Ohio Department of Development Name Varanasi, Sasidhar Lipscomb, Glenn epartment of Radon Web Site U.S. Environmental Protection A Name Kumar, Ashok The University of Toledo Pollur U.S. Environmental Protection A Name	College of Commental Engineering, Department of Student Travel Support for the 2012 North American Membrane Society Meeting Office of Naval Research Name Department Chemical and Environmental Engineering A Facile Pretreatment Strategy for Recovering Sugars and Lignin Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Department Chemical and Environmental Engineering A Facile Pretreatment Strategy for Recovering Sugars and Lignin Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Department Chemical and Environmental Engineering Varanasi, Sasidhar Chemical and Environmental Engineering Varanasi, Sasidhar Chemical and Environmental Engineering Schall, Constance Ann Department Chemical and Environmental Engineering Schall, Constance Ann Chemical and Environmental Engineering Name Department Chemical and Environmental Engineering Sum of Department (Chemical and Environmental Engineering Sum of Department of Health Name Department (Chemical and Environmental Engineering Sum of Department of Health Civil Engineering, Department of The University of Toledo Pollution Prevention Grant Proposal U.S. Environmental Protection Agency Name Department	Student Travel Support for the 2012 North American Membrane Society Meeting Office of Naval Research Name Escobar, Isabel C. A Facile Pretreatment Strategy for Recovering Sugars and Lignin Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Varanasi, Sasidhar A Facile Pretreatment Strategy for Recovering Sugars and Lignin No Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Varanasi, Sasidhar Department Varanasi, Sasidhar Chemical and Environmental Engineering, Department Chemical and Environmental Engineering, Department Schall, Constance Ann Pilot Scale Demonstration of Lignocellulosic Ethanol Ohio Department of Development Name Varanasi, Sasidhar Chemical and Environmental Engineering, Department Chemical Engineering, D	Interest Cost Contental Engineering, Department of Student Travel Support for the 2012 North American Membrane Society Moeting Office of Naval Research Name Escobar, Isabel C. A Facile Pretreatment Strategy for Recovering Sugars and Lignin Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Varanasi, Sasidhar Chemical and Environmental Engineering, Department of A Facile Pretreatment Strategy for Recovering Sugars and Lignin No S1,375 Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Varanasi, Sasidhar Chemical and Environmental Engineering, Department of A Facile Pretreatment Strategy for Recovering Sugars and Lignin No S1,375 Effectively from a Variety of Lignocellulosic Feedstocks National Science Foundation Name Varanasi, Sasidhar Chemical and Environmental Engineering, Department of Pilot Scale Demonstration of Lignocellulosic Ethanol Ohio Department of Development Name Varanasi, Sasidhar Chemical and Environmental Engineering, Department of Chemical and Environmental Engineering, Department of Chemical and Environmental Engineering, Department of Sum of Department (Chemical and Environmental Engineering, Department of Radon Web Site U.S. Environmental Protection Agency through Ohio Department of The University of Toledo Pollution Prevention Grant Proposal No S75,815 U.S. Environmental Protection Agency Name Department	Direct Cost Direct Cost Direct Cost Indirect Cost Direct Cost Indirect Cost Direct Cost	Onlege of Received? Direct Cost Indirect Cost Total Award Total Award Onlinental Engineering, Department of Student Travel Support for the 2012 North American Membrane Society No \$5,000 \$0 \$5,000 Meeting Office of Naval Research

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Engineering, C	College of		ing Cash eceived?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Civil Engineering, D	epartment of						
C-110135-02	Phase V - Pavement Managemen	t Information System	No	\$66,276	\$6,628	\$72,904	\$72,904
2/17/12 to 2/16/13	City of Toledo						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of			50		
Co-I C-120371-03	Murnen, George J.	Civil Engineering, Department of	No	\$E26.640	50 \$0	\$E26.640	\$536.640
C-120371-03	Choose Ohio First for Engineerin Scholarship	ig Entrepreneurship (COFFEE)	NO	\$536,640	ΦU	\$536,640	\$536,640
7/1/11 to 6/30/12	Ohio Board of Regents						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Randolph, Brian W.	Civil Engineering, Department of			100		
N-122496-01	•	of Converting Agricultural Animal	No	\$10,309	\$4,691	\$15,000	\$4,500
8/15/11 to 8/14/12	Wastes into Biofuels U.S. Environmental Protection Age	nev					
Role	Name	Department			% Credit		1
PI/PD	Kim, Dong Shik	Chemical and Environmental Engineering	ı. Departm	ent of	40		
Co-I	Apul, Defne	Civil Engineering, Department of	,, -, -		30		
Co-I	Leblanc, Steven E.	Administration, College of Engineering			30		
N-122522-01	Frequency-Steered Acoustic Tra		No	\$192,440	\$87,560	\$280,000	\$28,000
6/1/11 to 5/31/13	National Aeronautics and Space A	dministration through Genziko, Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Scie			40		
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Scie	ence, Depa	artment of	40		
Co-I Co-I	Nims, Douglas K. Wang, Hong	Civil Engineering, Department of Engineering Technology, Department of			10 10		
N-122712-01		and Control of Biofilms on Desalination	No	\$79,326	\$36, 093	\$115,419	\$57,710
N IZZI IZ OI	Membranes		140	Ψ10,020	ψου,σοσ	Ψ110,410	φοι,ιιο
9/26/11 to 11/30/13	U.S. Bureau of Reclamation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering	j, Departm	ent of	50		
Co-I	Gruden, Cyndee	Civil Engineering, Department of			50		
N-122796-01	•	Asset Management Decision Support	No	\$55,656	\$18,606	\$74,262	\$74,262
1/15/12 to 1/14/13	Tools Ohio Department of Transportation						
Role	Name	Department			% Credit		
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of			100		

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Engineering, C	College of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Civil Engineering, D	epartment of						
N-122897-01	-	rtium led by the Mineta Transportation	on No	\$38,168	\$11,832	\$50,000	\$27,500
1/11/12 to 12/31/12		through San Jose State University Rese	earch				
Role PI/PD Co-I	<u>Name</u> Kumar, Ashok Kim, Dong Shik	Department Civil Engineering, Department of Chemical and Environmental Enginee	ring, Departme	ent of	<u>% Credit</u> 55 45		
N-123319-01	Acoustic Monitoring of the Main	Cables of the Anthony Wayne Bridge	No	\$12,030	\$1,970	\$14,000	\$14,000
5/1/12 to 4/30/13	Ohio Department of Transportation	through Mistras Group, Inc.					_
Role PI/PD	<u>Name</u> Nims, Douglas K.	<u>Department</u> Civil Engineering, Department of			<u>% Credit</u> 100		
R-105227-17	Radon Web Site		No	\$30,000	\$0	\$30,000	\$30,000
10/1/11 to 9/30/12	U.S. Environmental Protection Agei	ncy through Ohio Department of Health					
Role PI/PD	<u>Name</u> Kumar, Ashok	Department Civil Engineering, Department of			<u>% Credit</u> 100		
R-108982-11	Engineering for Migrant Students	and Teachers	No	\$38,095	\$1,905	\$40,000	\$40,000
7/1/11 to 8/31/12	U.S. Department of Education throu	igh Ohio Department of Education					
Role PI/PD Co-I	Name Pickett, Mark A. Apul, Defne	Department Civil Engineering, Department of Civil Engineering, Department of			<u>% Credit</u> 52 48		
R-121554-02	• •	Veteran's Glass City Skyway Cables	. No	\$426,340	\$26,545	\$452,885	\$298,904
12/19/11 to 1/31/14				. ,	. ,	,	
Role PI/PD Co-I Co-I Co-I	Name Nims, Douglas K. Gruden, Cyndee Martinko, Richard S. Masiulaniec, Estate Of Konsta Stuart, Thomas A.	Department Civil Engineering, Department of Civil Engineering, Department of Intermodal Transportation Institute Mechanical, Industrial, and Manufactu Electrical Engineering and Computer S			% Credit 60 6 6 25 3		
S-110294-04-S1	Addendum to Cost Benefit Model	s to Support PMS Decisions	No	\$27,688	\$5,967	\$33,655	\$33,655
11/1/11 to 8/31/12	Ohio Department of Transportation						
Role PI/PD	Name Chou, Eddie Yein-Juin	<u>Department</u> Civil Engineering, Department of			<u>% Credit</u> 100		
Floatrical Engineeri	ng and Computer Science, Departr	Sum of Department (Civil Engine	ering, Departr	nent of) Awa	ard Count: 10.91		\$1,294,412
C-121762-02	Real-Time Combat Navigation Sys		No	\$55,184	\$25,108	\$80,292	\$80,292
5/1/11 to 4/30/12	Air Force Office of Scientific Resear		110	ψου, τον	Ψ20,100	Ψ00,202	Ψ00,232
Role PI/PD	Name Devabhaktuni, Vijay Kumar	Department Electrical Engineering and Computer S	Science, Depa	rtment of	<u>% Credit</u> 100		

Engineering, (College of	<u>Reporting</u> <u>Rec</u>	g Cash eived?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Electrical Engineer	ing and Computer Science, Depart	ment of					
N-122468-01	BRIGE: Transition Metal Oxide B	ased Multifunctional Nanoelectronic	No	\$120,088	\$51,001	\$171,089	\$171,089
40/4/44 1- 0/00/40	Memristor Devices						
10/1/11 to 9/30/13	National Science Foundation	Description			0/ 0 - 11		1
Role PI/PD	Name	Department Floating I Engineering and Computer Science	na Dana	rtmant of	<u>% Credit</u> 100		
N-122493-01	Jha, Rashmi	Electrical Engineering and Computer Science				\$64 E92	¢64 592
N-122493-01	and Analysis of Cyber-Physical F	ed Vulnerability-Reliability Modeling	No	\$44,386	\$20,196	\$64,582	\$64,582
6/1/12 to 5/31/13	National Science Foundation	ower Systems					
Role	Name	Department			% Credit		1
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science	ce, Depa	rtment of	100		
N-122497-01	Bulk Material Defects and Reliab		No	\$146,546	\$53,454	\$200,000	\$200,000
9/22/11 to 9/21/12	Army Research Office						
Role	Name	Department			% Credit		
PI/PD	Shenai, Krishna	Electrical Engineering and Computer Science	ce, Depa	rtment of	100		
N-122522-01	Frequency-Steered Acoustic Tra	nsducer	No	\$192,440	\$87,560	\$280,000	\$224,000
6/1/11 to 5/31/13	National Aeronautics and Space A	dministration through Genziko, Inc.					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science			40		
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Science	ce, Depa	rtment of	40		
Co-I	Nims, Douglas K.	Civil Engineering, Department of			10 10		
Co-I N-122736-01	Wang, Hong Phase-2: LED Based Illumination	Engineering Technology, Department of	No	\$79,205		\$440 22 0	\$99.400
7/5/11 to 7/4/13		Optical Design and Research	NO	\$79,205	\$31,033	\$110,238	\$88,190
	Libbey, Inc.	Department			0/ Cradit		1
Role PI/PD	<u>Name</u> Georgiev, Daniel G.	<u>Department</u> Electrical Engineering and Computer Science	o Dono	rtmont of	<u>% Credit</u> 80		
Co-PI	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing E			10		
Co-I	Gan, Yong X.	Mechanical, Industrial, and Manufacturing E			10		
N-122770-01	Engineering and Fabrication of M		No	\$13,746	\$6,254	\$20,000	\$20,000
5/16/11 to 12/23/11	Midwest MicroDevices, LLC						
Role	Name	Department			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	ce, Depa	rtment of	50		
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	ce, Depa		50		
N-122839-01		Renewable Energy Resources in	No	\$37,842	\$17,218	\$55,060	\$55,060
0/15/11 to 0/11/10	Commerce Environments						
8/15/11 to 8/14/12	Wind Energy Corporation	Department			0/ 0		1
Role PI/PD	<u>Name</u> Devabhaktuni, Vijay Kumar	<u>Department</u> Electrical Engineering and Computer Science	na Dana	rtment of	<u>% Credit</u> 10		
Co-I	Wang, Lingfeng	Electrical Engineering and Computer Science Electrical Engineering and Computer Science			90		
	· · · · · · · · · · · · · · · · · · ·	and compared contract	, <u>.</u>	· · · · · · · · · · · · · · · · · · ·			ı

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Electrical Engineering and Computer Science, Department of N-122862-01 Reliability Assessment of Gallium Nitride (GaN) Power Switch No \$144,052 \$55,948 \$200,000 \$200,000 \$1/1/1/2 to 12/31/12 Office of Naval Research Role Name Department Electrical Engineering and Computer Science, Department of Shenai, Krishna Electrical Engineering and Computer Science, Department of System System S/14/12 to 5/13/13 Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute Role Name Department of Signali, Mohsin M. Electrical Engineering and Computer Science, Department of 100 N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$32/12 to 9/21/12 Libbey, Inc. Role Name Department Electrical Engineering and Computer Science, Department of 100 N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$1/1/11 to 8/17/11 to 8/17/12 NVIDIA Corporation Role Name Department Electrical Engineering and Computer Science, Department of 100 N-123242-01 Wang, Lingfeng Department Electrical Engineering and Computer Science, Department of 100 Role Name Department Electrical Engineering and Computer Science, Department of 100 N-123242-01 Wang, Lingfeng Department Electrical Engineering and Computer Science, Department of 100 Role Name Department Electrical Engineering and Computer Science, Department of 100 Role Name Department Electrical Engineering and Computer Science, Department of 100
N-122862-01 Reliability Assessment of Gallium Nitride (GaN) Power Switch No \$144,052 \$55,948 \$200,000 \$200,000
Note Name Department Force Research Laboratory/VA through Dayton Area Graduate Studies Institute
Role PI/PD Shenai, Krishna Electrical Engineering and Computer Science, Department of Shenai, Krishna Electrical Engineering and Computer Science, Department of 100 N-123164-01 GUI Based MIMO Radar Development, Simulation and Visualization No \$35,500 \$9,230 \$44,730 \$44,730 \$5/14/12 to 5/13/13 Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute Role PI/PD Jamali, Mohsin M. Electrical Engineering and Computer Science, Department of 100 N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$3/23/12 to 9/21/12 Libbey, Inc. Role PI/PD Serpen, Gursel Electrical Engineering and Computer Science, Department of 100 N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$4,568 \$1/7/11 to 8/17/12 NVIDIA Corporation Role Name Department PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
N-123164-01 GUI Based MIMO Radar Development, Simulation and Visualization No \$35,500 \$9,230 \$44,730 \$44,730 \$5/14/12 to 5/13/13 Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute Role
N-123164-01 GUI Based MIMO Radar Development, Simulation and Visualization No \$35,500 \$9,230 \$44,730 System 5/14/12 to 5/13/13 Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute Role Name Department GIOO N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$3/23/12 to 9/21/12 Libbey, Inc. Role Name Department GIOO N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$1/7/11 to 8/17/12 NVIDIA Corporation Role Name Department GIOO N-123242-01 Role Name Suliding and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$4,568 \$1/7/11 to 8/17/12 NVIDIA Corporation Role Name Department GIOO Role Name G
System Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute Role Name Jectrical Engineering and Computer Science, Department of 100 N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$3/23/12 to 9/21/12 Libbey, Inc. Role Name Department PI/PD Serpen, Gursel Electrical Engineering and Computer Science, Department of 100 N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$1/1/11 to 8/17/12 NVIDIA Corporation Role Name Department PI/PD Wang, Lingfeng Department Electrical Engineering and Computer Science, Department of 100
Role PI/PD Jamali, Mohsin M. Electrical Engineering and Computer Science, Department of 100 N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$3/23/12 to 9/21/12 Libbey, Inc. Role Name Department PI/PD Serpen, Gursel Electrical Engineering and Computer Science, Department of 100 N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 \$1/7/11 to 8/17/12 NVIDIA Corporation Role Name Department PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
PI/PD Jamali, Mohsin M. Electrical Engineering and Computer Science, Department of 100
N-123238-01 Hands-Free Voice Communication Technology Research - Phase I No \$26,641 \$12,122 \$38,763 \$38,763 \$3/23/12 to 9/21/12 Libbey, Inc. Role
Role Name Department Electrical Engineering and Computer Science, Department of N-123242-01 Serpen, Gursel Electrical Engineering and Research Laboratory No \$4,568 \$0 \$4,568 \$17//11 to 8/17//12 NVIDIA Corporation N-123242-01 No N-123242-01 NVIDIA Corporation N-123242-01 N-123242-01 N-123242-01 NVIDIA Corporation N-123242
Role PI/PDName Serpen, GurselDepartment Electrical Engineering and Computer Science, Department of Electrical Engineering and Computer Science, Department of N-123242-01No Suilding and Maintaining a CUDA Teaching and Research Laboratory NO
PI/PD Serpen, Gursel Electrical Engineering and Computer Science, Department of 100
N-123242-01 Building and Maintaining a CUDA Teaching and Research Laboratory No \$4,568 \$0 \$4,568 8/17/11 to 8/17/12 NVIDIA Corporation Role Name Department Electrical Engineering and Computer Science, Department of 100
8/17/11 to 8/17/12 NVIDIA Corporation Role Name Department % Credit PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
Role Name Department % Credit PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
N-123245-01 NSF IPA Assignment - Min Song No \$116,041 \$0 \$116,041 \$116,04
4/2/12 to 10/11/12 National Science Foundation
Role Name Department 96 Credit
PI/PD Alam, Mansoor Electrical Engineering and Computer Science, Department of 100
Co-I Song, Min Electrical Engineering and Computer Science, Department of 0
N-123354-01 Modeling, Optimization, and Integration of Building Control Systems No \$19,299 \$8,781 \$28,080 \$28,080
6/1/12 to 8/31/12 Greensleeves LLC
Role Name Department <u>% Credit</u>
PI/PD Wang, Lingfeng Electrical Engineering and Computer Science, Department of 100
N-123403-01 Development of Mobile Integration with Auto Aftermarket eCommerce No \$34,364 \$15,636 \$50,000 \$33,50
and Lot Traceability for Automotive Plants
5/14/12 to 8/14/12 Pilkington North America
Role Name Department % Credit PI/PD Acosta, William F. Engineering Technology, Department of 33
Co-I Devabhaktuni, Vijay Kumar Electrical Engineering and Computer Science, Department of 67

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Engineering, (College of	<u>Reportir</u>	ng Cash ceived?	Direct Coat	Indirect Cost	-	Dept Award
			<u>ceiveu:</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
R-121554-02	ng and Computer Science, Departi	Pent of Everan's Glass City Skyway Cables	No	\$426,340	\$26,545	\$452,885	\$13,587
12/19/11 to 1/31/14		veterall's Glass City Skyway Cables	140	\$420,540	φ20,343	\$452,005	\$13,367
Role	Name	Department			% Credit		1
PI/PD	Nims, Douglas K.	Civil Engineering, Department of			60		
Co-I	Gruden, Cyndee	Civil Engineering, Department of Civil Engineering, Department of			6		
Co-I	Martinko, Richard S.	Intermodal Transportation Institute			6		
Co-I		Mechanical, Industrial, and Manufacturing	Engineeri	na Denarta	25		
Co-I	Stuart, Thomas A.	Electrical Engineering and Computer Scien			3		
S-121446-01-S1	Collaborative Research: II-NEW:	<u> </u>	No	\$12,800	\$3,200	\$16,000	\$3,200
0 121440 01 01	Computing Research Laboratory	A Digital VEOI Test and Remable	140	Ψ12,000	ψ0,200	Ψ10,000	Ψ0,200
4/10/12 to 5/31/13	National Science Foundation						
Role	Name	Department			% Credit		1
PI/PD	Niamat, Mohammed Y.	Engineering Technology, Department of			80		
Co-PI	Alam, Mansoor	Electrical Engineering and Computer Scien	ice. Depa	rtment of	10		
Co-PI	Jha, Rashmi	Electrical Engineering and Computer Scien			10		
S-122468-01-S1		ased Multifunctional Nanoelectronic	No	\$12,000	\$0	\$12,000	\$12,000
	Memristor Devices			, ,	•	, ,	, , ,
5/14/12 to 9/30/13	National Science Foundation						_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Scien	ice, Depa	rtment of	100		
		um of Department (Electrical Engineering	and Con	nputer S Awa	ard Count: 15.50	<u> </u>	\$1,397,682
Engineering Techno	ology, Department of	, , ,					
N-122522-01	Frequency-Steered Acoustic Trar	educer	No	\$192,440	\$87,560	\$280,000	\$28,000
6/1/11 to 5/31/13	National Aeronautics and Space Ac		140	ψ132, 11 0	ψον,300	Ψ200,000	Ψ20,000
Role	Name	Department			% Credit		1
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Scien	nca Dana	rtment of	40		
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Scien			40		
Co-I	Nims, Douglas K.	Civil Engineering, Department of	юс, Бера	itiliciti oi	10		
Co-I	Wang, Hong	Engineering Technology, Department of			10		
N-123403-01		on with Auto Aftermarket eCommerce	No	\$34,364	\$15,636	\$50,000	\$16,500
11 120 100 01	and Lot Traceability for Automoti		110	ΨΟ-1,00-1	ψ10,000	φου,σου	Ψ10,000
5/14/12 to 8/14/12	Pilkington North America						
Role	Name	Department			% Credit		1
PI/PD	Acosta, William F.	Engineering Technology, Department of			33		
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Scien	ice, Depa	rtment of	67		

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	.	<u>R</u>	eporting Cash			[Dept Award
Engineering, (College of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Engineering Techno	ology, Department of						
S-121446-01-S1	Collaborative Research: II-NEW:	A Digital/VLSI Test and Reliable	No	\$12,800	\$3,200	\$16,000	\$12,800
	Computing Research Laboratory	y					
4/10/12 to 5/31/13	National Science Foundation				-		1
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Niamat, Mohammed Y.	Engineering Technology, Departmen			80		
Co-PI Co-PI	Alam, Mansoor Jha, Rashmi	Electrical Engineering and Compute Electrical Engineering and Compute			10 10		
C0-F1	Jila, Rasilili	<u> </u>	•				¢57.200
		Sum of Department (Engineering To	echnology, Dep	artinent Awa	ard Courit. 1.23		\$57,300
	ial, and Manufacturing Engineerin	<u> </u>			· -		
C-106736-12	The University of Toledo Pollution		No	\$75,815	\$19,512	\$95,327	\$19,065
10/1/11 to 9/30/12	U.S. Environmental Protection Age	ency					1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kumar, Ashok	Civil Engineering, Department of			80		
Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and Manufac		<u> </u>	20		
C-108779-04	Development of Fuel Cell/Reform	<u> </u>	Yes	\$924	\$407	\$1,331	\$1,331
2/21/08 to 7/30/09	NASA John H. Glenn Research Ce	enter at Lewis Field					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufac		ng, Departn	100		
C-119941-02		ography and Digital Radiography fo	r Yes	\$96,954	\$44,114	\$141,068	\$141,068
	Aerospace Materials and Faciliti						
1/1/13 to 8/30/13	NASA John H. Glenn Research Co	enter at Lewis Field					1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufac					
Co-I	Rauser, Richard W.	Mechanical, Industrial, and Manufac		<u> </u>	100		
C-119977-02		in Advanced Propulsion and Power	r Yes	\$139,508	\$63,476	\$202,984	\$202,984
0/04/40 to 0/00/40	Systems for Aeronautic and Spa						
8/31/12 to 8/30/13	NASA John H. Glenn Research Co				0/ 0 11/1		1
Role	Name	<u>Department</u>			% Credit		
PI/PD Co-I	Locci, Ivan E. Keith, Theo G.	Mechanical, Industrial, and Manufac Mechanical, Industrial, and Manufac			100		
C-119982-02	•	ce Components and Advanced Mate		<u> </u>	670.007	\$224 44C	6024 44 C
9/11/12 to 8/30/13	NASA John H. Glenn Research Co	•	erials Yes	\$159,049	\$72,367	\$231,416	\$231,416
Role		_			% Credit		1
PI/PD	<u>Name</u> Pawlik, Ralph James	<u>Department</u> Mechanical, Industrial, and Manufac	turing Engineeris	na Deporta	% Credit 100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufac			100		
Co-I	Zima, John D.	Mechanical, Industrial, and Manufac					
	a, 00 D.	Transan, madothan, and manare		.g, 20paran			J

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Engineering, (College of		Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Mechanical, Industr	rial, and Manufacturing Enginee	ing, Department of					
C-120117-02	Electrical and Mechanical Mod	eling of Constellation Power System	ms Yes	\$22,360	\$0	\$22,360	\$22,360
10/1/08 to 9/30/09	NASA John H. Glenn Research Operation, LLC	Center at Lewis Field through QinetiQ	North America				
Role	Name	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manuf			100	<u> </u>	
C-122023-02	Tribological Investigations Inv	olving Mechanical and	No	\$7,867	\$1,650	\$9,517	\$9,517
7/18/11 to 8/31/11	Thermomechanical Systems NASA John H. Glenn Research Operation, LLC	Center at Lewis Field through QinetiQ	North America				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manuf	acturing Engineeri	ng, Departn	100		
N-119941-01 1/1/08 to 12/31/12	Development of Computed To Aerospace Materials and Facil NASA John H. Glenn Research		for Yes	\$97,964	\$43,104	\$141,068	\$141,068
Role	Name	Department			% Credit		
PI/PD	Rauser, Richard W.	Mechanical, Industrial, and Manuf	acturing Engineeri	ng Denartn	76 Credit 100		
Co-I	Afjeh, Abdollah A.	Mechanical, Industrial, and Manuf			100		
N-119973-01		Structure-Property Correlation in	Yes	\$273,486	\$120,334	\$393,819	\$393,819
		laterials Developed for Improved M		4 3,3	* 1=0,000	*******	4
	Performance	·					
8/31/07 to 8/30/12	NASA John H. Glenn Research	Center at Lewis Field					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Garg, Anita	Mechanical, Industrial, and Manuf			100		
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manuf		<u> </u>	0		
N-119977-01		Is in Advanced Propulsion and Pow	ver Yes	\$153,931	\$67,729	\$221,660	\$221,660
0/04/07 (= 0/00/40	Systems for Aeronautic and S						
8/31/07 to 8/30/12	NASA John H. Glenn Research				0/ 0 == ======		
Role PI/PD	Name	Department	iaatuuina Faainaasi	na Danasta	% Credit		
Co-PI	Locci, Ivan E. Afjeh, Abdollah A.	Mechanical, Industrial, and Manuf Mechanical, Industrial, and Manuf	0 0	O' 1	100		
N-119981-01		ell Technology for High Power Den		\$88,227	\$38,820	\$127,047	\$127,047
14-119901-01	Aeronautic and Space Applica		oity 165	φου,ΖΖΙ	φ30,020	\$127,047	\$121,041
10/3/07 to 10/2/11	NASA John H. Glenn Research						
Role	Name	Department			% Credit		
PI/PD	Cable, Thomas L.	Mechanical, Industrial, and Manuf	acturing Engineeri	ng. Departn	100		
Co-PI	Keith, Theo G.	Mechanical, Industrial, and Manuf					
N-119982-01	A Workplan for Testing Aerosp	ace Components and Advanced Ma	aterials Yes	\$160,706	\$70,711	\$231,416	\$231,416
9/11/07 to 9/10/12	NASA John H. Glenn Research	•					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Pawlik, Ralph James	Mechanical, Industrial, and Manuf	acturing Engineeri	ng, Departn	100		

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Engineering, C	College of		ting Cash teceived?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Mechanical, Industr	ial, and Manufacturing Engineeri	ng. Department of					
N-119983-01	Turbomachinery Aeroelastic Ana Application	alysis Tools for Aerospace Propulsion	Yes	\$154,675	\$68,057	\$222,732	\$222,732
	NASA John H. Glenn Research C	enter at Lewis Field					
Role PI/PD Co-PI	<u>Name</u> Reddy, Tondapu S. Afjeh, Abdollah A.	Department Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing			<u>% Credit</u> 100		
N-119984-01	Smart Damping for Turbomachi	nery Blades	Yes	\$69,560	\$30,606	\$100,166	\$100,166
10/25/07 to 10/24/12	2 NASA John H. Glenn Research C						
Role PI/PD Co-I	<u>Name</u> Duffy, Kirsten P. Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing			<u>% Credit</u> 100		
N-120174-01	Advanced Aerospace Seals Res	earch	Yes	\$170,985	\$75,233	\$246,218	\$246,218
9/1/07 to 10/31/12	NASA John H. Glenn Research C	enter at Lewis Field through University of Al	kron				
Role PI/PD Co-I	Name Taylor, Shawn Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing			<u>% Credit</u> 100		
N-120176-01	Advanced Aerospace Seals Res	•	Yes	\$170,985	\$75,233	\$246,218	\$246,218
12/1/07 to 10/31/12	NASA John H. Glenn Research C	enter at Lewis Field through University of Al	kron				
Role PI/PD Co-I	Name Demange, Jeffrey J. Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing			<u>% Credit</u> 95 5		
N-122292-01	•	educed Barriers to Deployment of	No	\$409,529	\$90,471	\$500,000	\$500,000
4/1/11 to 3/31/13	Offshore Wind Energy U.S. Department of Energy throug			, ,-	. ,	, , , , , , , , , , , , , , , , , , ,	, ,
Role PI/PD Co-I	<u>Name</u> Afjeh, Abdollah A. Kozar, Robert P.	<u>Department</u> Mechanical, Industrial, and Manufacturing Administration, College of Engineering	g Engineerir	ıg, Departn	<u>% Credit</u> 100 0		
N-122736-01	Phase-2: LED Based Illuminatio	n Optical Design and Research	No	\$79,205	\$31,033	\$110,238	\$22,048
7/5/11 to 7/4/13	Libbey, Inc.						
Role PI/PD Co-PI Co-I	Name Georgiev, Daniel G. Bhaduri, Sarit B. Gan, Yong X.	<u>Department</u> Electrical Engineering and Computer Scientification Mechanical, Industrial, and Manufacturing Mechanical, Industrial, and Manufacturing	g Engineerin	ıg, Departn	<u>% Credit</u> 80 10 10		
N-122822-01	Dynamic Performance of Flow C	Control on a Spinning Projectile	No	\$42,752	\$19,452	\$62,204	\$62,204
9/21/11 to 9/30/12	U.S. Department of the Army						
Role PI/PD	<u>Name</u> Ng, Tsun-Ming Terry	<u>Department</u> Mechanical, Industrial, and Manufacturing	g Engineerin	ıg, Departn	<u>% Credit</u> 100		

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Engineering, (College of		Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
	rial, and Manufacturing Engineerir	ng. Department of		Direct Cost	mancot Cost	<u>Total / twara</u>	<u>Orcan</u>
N-122834-01	Relating FTS Catalyst Properties	<u> </u>	Yes	\$114,703	\$52,190	\$166,892	\$166,892
6/23/11 to 6/22/14	NASA John H. Glenn Research Ce	enter at Lewis Field through Univers	ity of Kentucky				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manu			100		
N-122967-01		ts and Stress Gradient on Fatigue	e No	\$32,646	\$14,854	\$47,500	\$47,500
6/1/11 to 10/21/11	Behavior of Gear Steels (Task 2)						
6/1/11 to 10/31/11	Pratt & Whitney Division	Department			0/ Cradit		1
Role PI/PD	<u>Name</u> Fatemi, Ali	<u>Department</u> Mechanical, Industrial, and Manu	facturing Engineerin	na Departn	<u>% Credit</u> 100		
N-122975-01	Testing Life Wires	Wechanical, muustnal, anu wanu	No	\$6,873	\$3,127	\$10,000	\$10,000
2/11/11 to 2/10/12	Wanna Life Wire, LLC		140	ψ0,073	Ψ3,127	Ψ10,000	Ψ10,000
Role	Name	Department			% Credit		1
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and Manu	facturing Engineering	ng Departn	100		
N-123096-01	•	nate (CaP) based Bone Cements		\$37,439	\$0	\$37,439	\$37,439
	Orthopedic Applications	,		, , , , ,	•	, , , , ,	• • • • • • • • • • • • • • • • • • • •
1/6/12 to 7/5/12	Rocket Ventures LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manu	facturing Engineerir		100		
N-123112-01	Stacked Rotor Modeling for Adv	anced Tiltrotor Design Studies	No	\$51,546	\$23,454	\$75,000	\$75,000
1/1/12 to 12/31/12	Bell Helicopter						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manu		<u> </u>	100		
N-123113-01	Advanced Tail Rotor Design Stu	dies	No	\$34,364	\$15,636	\$50,000	\$50,000
1/1/12 to 12/31/12	Bell Helicopter						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manu		<u> </u>	100	<u> </u>	
N-123149-01	Materials Consortium		Yes	\$8,395	\$0	\$8,395	\$8,395
1/1/12 to 12/31/12	Materials Consortium						1
Role	Name	<u>Department</u>	((D	% Credit		
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manu		<u> </u>	100	A 44.004	1
N-123292-01	Strain-Controlled Fatigue Prope	rties of 4037 Steel	No	\$8,202	\$3,732	\$11,934	\$11,934
4/1/12 to 10/31/12	Chrysler LLC	Description			0/ 0		1
Role PI/PD	Name	Department Mechanical Industrial and Manual	footuring Engineerin	na Donorto	<u>% Credit</u> 100		
P1/PD	Fatemi, Ali	Mechanical, Industrial, and Manu	iacturing Engineerir	ig, Departif	100		

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Engineering,	College of		rting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Mechanical, Industr	rial, and Manufacturing Engineerir	ng, Department of					
N-123293-01		iminum under Constant and Variable	No	\$51,546	\$23,454	\$75,000	\$75,000
5/1/12 to 4/30/13	U.S. Department of the Navy throu	igh Integrated Systems Solutions, Inc.					
Role PI/PD	Name	Department Machanical Industrial and Manufacturin	a Enginoprin	a Donarta	% Credit		
N-123295-01	Fatemi, Ali	Mechanical, Industrial, and Manufacturing nd Fatigue Behavior of Sheet, Extruded		\$59,107	100 \$26,893	\$86,000	\$86,000
N-123233-01	and Cast Aluminum	ind Fatigue Bellavior of Sheet, Extruded	NO	φ39,10 <i>1</i>	Ψ20,093	\$60,000	\$60,000
5/1/12 to 4/30/13	General Motors						
Role	Name	Department			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturir	ng Engineerin	ng, Departn	100		
N-123378-01		imation-Assisted Undergraduate	No	\$8,000	\$0	\$8,000	\$8,000
5/16/12 to 5/15/13	Course: Design and Analysis of Ohio Space Grant Consortium	Mechanical Systems					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gan, Yong X.	Mechanical, Industrial, and Manufacturin	ng Engineerin	ng, Departn	100		
R-119911-05	Turbomachinery Computational	• • •	No	\$56,202	\$22,882	\$79,084	\$79,084
9/1/11 to 1/31/12	NASA John H. Glenn Research Ce Corporation	enter at Lewis Field through ASRC Aerosp	ace				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturin	ng Engineerin	<u> </u>	100		
R-121554-02		e Veteran's Glass City Skyway Cables	No	\$426,340	\$26,545	\$452,885	\$113,221
12/19/11 to 1/31/14	Ohio Department of Transportation	1					
Role	Name _	<u>Department</u>			% Credit		
PI/PD	Nims, Douglas K.	Civil Engineering, Department of			60		
Co-I Co-I	Gruden, Cyndee Martinko, Richard S.	Civil Engineering, Department of Intermodal Transportation Institute			6 6		
Co-I		Mechanical, Industrial, and Manufacturir	a Engineerin	na Denarta	25		
Co-I	Stuart, Thomas A.	Electrical Engineering and Computer Sc			3		
R-121958-02	•	outational Tools For the Simulation of	No.	\$185,957	\$38,687	\$224,644	\$224,644
		upport of Aeropropulsion Study of		,	* /	, , , , , , , , , , , , , , , , , , , ,	, , ,
		physics in Hypersonic Reacting Flows					
9/1/11 to 2/29/12	National Aeronautics and Space A	dministration through ASRC Aerospace Co	orporation				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing		<u> </u>	100		
S-119911-05-S1	Turbomachinery Computational	• •	No	\$2,757	\$717	\$3,474	\$3,474
2/1/12 to 2/29/12	NASA John H. Glenn Research Co Corporation	enter at Lewis Field through ASRC Aerosp	ace				
Role	Name	Department			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturin	ng Engineerin	ng, Departn	100		

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		Reporting Cash	Dept Award
Engineering,	College of	Received? <u>Direct Cost</u> <u>Indirect Cost</u> <u>Total Aw</u>	
/lechanical, Indust	rial, and Manufacturing Engin	eering, Department of	
S-119911-05-S2	Turbomachinery Computati	onal AeroAcoustics (CAA) No \$27,692 \$9,274 \$36,9	66 \$36,96
3/1/12 to 5/31/12	NASA John H. Glenn Resear Corporation	ch Center at Lewis Field through ASRC Aerospace	
Role	<u>Name</u>	<u>Department</u> <u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
S-121530-01-S1	Engineering Senior Design	Projects to Aid Persons with Disabilities No \$1,374 \$626 \$2,0	00 \$2,000
5/2/12 to 7/31/12	National Science Foundation		
Role	<u>Name</u>	Department % Credit	
PI/PD	Hefzy, Mohamed S.	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
S-121958-02-S1	Multistage Turbomachinery	Advanced Computational Tool Development No \$176,232 \$36,771 \$213,0	03 \$213,003
3/1/12 to 5/31/12	National Aeronautics and Spa	ace Administration through ASRC Aerospace Corporation	
Role	Name	Department % Credit	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
S-122319-01-S3	Flywheel Analysis	No \$18,146 \$4,177 \$22,3	23 \$22,32
9/1/11 to 1/31/12	NASA John H. Glenn Resear Operation, LLC	ch Center at Lewis Field through QinetiQ North America	
Role	Name	Department % Credit	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
S-122319-01-S4	Flywheel Analysis	No \$3,948 \$954 \$4,9	02 \$4,902
2/1/12 to 2/29/12	NASA John H. Glenn Resear Operation, LLC	ch Center at Lewis Field through QinetiQ North America	
Role	<u>Name</u>	Department % Credit	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
S-122319-01-S5	Flywheel Analysis	No \$9,995 \$2,166 \$12,1	61 \$12,16°
3/1/12 to 5/31/12	NASA John H. Glenn Resear Operation, LLC	ch Center at Lewis Field through QinetiQ North America	
Role	<u>Name</u>	Department % Credit	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn 100	
		Sum of Department (Mechanical, Industrial, and Manufactu Award Count: 37.65	\$4,430,277
		Sum of College (Engineering, College of) Award Count: 88.89	\$9,901,754
		Reporting Cash	Don't Assess
nnovativa I a	arning College of	Reputiting Casit	Dept Awar

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Received?

Direct Cost

Indirect Cost

Total Award

Credit

Innovative Learning, College of

Administration, College of Innovative Learning

Innovative Learning, College of		Reporting Cash			_	Dept Award
IIIIOValive Lea	irining, Conlege of	Received? D	irect Cost	Indirect Cost	Total Award	<u>Credit</u>
Administration, Coll	ege of Innovative Learning					
N-123130-01	Building and Scaling Analytic	s Capacity No	\$27,000	\$0	\$27,000	\$16,200
11/8/11 to 10/31/12	Bill and Melinda Gates Foundat	ion through Purdue University				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Pryor, Benjamin S.	Administration, College of Innovative Learning		25		
Co-I	Martin, Geoffrey K.	Provost, Executive VP Academic Affairs		25		
Co-I	Rockwood, Jennifer L.	Administration, College of Innovative Learning		10		
Co-I	Romer, Terence G.	Provost, Executive VP Academic Affairs		15		
Co-I	Schneider, Barbara J.	Administration, College of Innovative Learning		25		
		Sum of Department (Administration, College of Innov	ative Awa	ard Count: 0.60		\$16,200
		Sum of College (Innovative Learning, College	ge of) Awa	ard Count: 0.60		\$16,200

Languages, Li	iterature and Social Sci	ences. College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Economics, Departi			<u>Itooolivou.</u>	Direct Cost	indirect Cost	<u>IOIAI AWAIU</u>	Credit
C-120628-04	Analyzing Regional Freight Inf	ormation Resources	No	\$138,890	\$61,110	\$200,000	\$50,000
10/1/11 to 5/31/13	U.S. Department of Transportation	on through University of Wisconsi	in - Madison				
Role PI/PD Co-I Co-I Co-I	Name Lindquist, Peter S. Smirnov, Oleg A. Sundararaghavan, P. S. Vonderembse, Mark A.	Department Geography and Planning, De Economics, Department of Information Operations and T Information Operations and T	echnology Management		% Credit 25 25 25 25 25		
N-122840-01 8/1/11 to 7/31/12	The Assessment and Evaluation Provincial Level Ford Foundation	on of Fiscal Transparency at Ch	ina's No	\$127,772	\$6,700	\$134,472	\$134,472
Role PI/PD	<u>Name</u> Chang, Gene Hsin	<u>Department</u> Economics, Department of			<u>% Credit</u> 100		
N-123283-01 5/22/12 to 7/31/12	Economic Value and Return or Public Library Toledo Lucas County Library	Investment for Toledo Lucas	County No	\$27,992	\$0	\$27,992	\$27,992
Role PI/PD Co-I	<u>Name</u> Smirnov, Oleg A. Reid, Neil	<u>Department</u> Economics, Department of Urban Affairs Center			<u>% Credit</u> 100 0		
Foreign Languages	, Department of	Sum of Departmen	t (Economics, Departm	nent of) Awa	ard Count: 2.25		\$212,464

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Languages, Li	iterature and Social Sci		ting Cash Received?	Direct Cost	Indirect Cost	Iotal Award	Dept Award Credit
Foreign Languages	, Department of			<u> </u>	<u></u>	101017111010	<u> </u>
C-119920-06	Student Teacher Assistants		No	\$7,080	\$708	\$7,788	\$7,788
4/1/11 to 3/31/12	Japanese School of Toledo						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hara, Joseph	Foreign Languages, Department of			100		
C-119920-07	Student Teacher Assistants		No	\$9,072	\$907	\$9,979	\$9,979
4/1/12 to 3/31/13	Japanese School of Toledo						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hara, Joseph	Foreign Languages, Department of			100		
		Sum of Department (Foreign Languag	es, Departm	ent of) Awa	ard Count: 2.00		\$17,767
	nning, Department of						
C-120628-04	Analyzing Regional Freight Info		No	\$138,890	\$61,110	\$200,000	\$50,000
10/1/11 to 5/31/13	U.S. Department of Transportation	n through University of Wisconsin - Madison)				,
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			25		
Co-I	Smirnov, Oleg A.	Economics, Department of			25		
Co-I	Sundararaghavan, P. S.	Information Operations and Technology			25		
Co-I	Vonderembse, Mark A.	Information Operations and Technology N			25		
N-122551-01	Building an Operational Tillage	• • • •	No	\$32,225	\$14,662	\$46,887	\$46,887
9/1/11 to 8/31/12	U.S. Department of Agriculture th	rough Applied GeoSolutions, LLC					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
Co-I	Lawrence, Patrick L.	Geography and Planning, Department of			0]
N-122643-01		ce Quality with Respect to Transportation	No	\$21,819	\$2,182	\$24,001	\$24,001
	Accessibility to Public High Sc						
8/22/11 to 8/21/12	Toledo Area Regional Transit Aut	hority					•
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Alam, Bhuiyan M.	Geography and Planning, Department of			100	*	
N-122773-01	MAFC Data Collection - GL Inve		No	\$30,000	\$4,500	\$34,500	\$34,500
7/1/11 to 6/30/12	University of Wisconsin - Madiso	n					•
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			100		
N-122922-01		Restoration Project for the Ottawa River	No	\$60,000	\$0	\$60,000	\$60,000
0/0/44 1- 1/10/13	at The University of Toledo, Oh	io					
9/6/11 to 1/18/13	U.S. Fish and Wildlife Service	_			0/ 6 ""		1
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Lawrence, Patrick L.	Geography and Planning, Department of			100]

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il sancusana	iterature and Social Sci	ences College of Reporti	ng Cash	5 1			Dept Awa
		ences, conege or Re	eceived?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
eography and Piai N-123017-01	nning, Department of Ohio Statewide Freight Plan		No	\$19,382	\$7,050	\$26,432	\$26,4
	_	on through Daysons Drivalconhaft	NO	Φ19,302	Φ7,030	\$20,432	\$20,4
3/27/12 to 6/30/12	Ohio Department of Transportation				0/ 0 "		1
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Martinko, Richard S.	Intermodal Transportation Institute			0		
Co-l	Lindquist, Peter S.	Geography and Planning, Department of		****	100	\$100.000	
I-123038-01	LRD Waterways Transportation		No	\$83,077	\$24,923	\$108,000	\$35,6
/1/12 to 12/31/12	U.S. Army Corps of Engineers th	rough Marshall University Research Corporat	ion				1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Vonderembse, Mark A.	Finance and Business Economics, Depart	ment of		34		
Co-I	Lindquist, Peter S.	Geography and Planning, Department of			33		
Co-I	Nandkeolyar, Udayan	Information Operations and Technology M			33		
N-123155-01	GLOBE Teacher Workshops		No	\$3,380	\$0	\$3,380	\$3,3
/9/12 to 12/31/12	GLOBE						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
N-123419-01	Inspiring Student Science Inter Projects	est Through Real-World Climate Change	No	\$5,000	\$0	\$5,000	\$5,0
5/24/12 to 5/23/13	Ohio Space Grant Consortium						
Role	Name	Department			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
I-123441-01	Inspiring Student Science Inter Projects	est Through Real-World Climate Change	No	\$1,000	\$0	\$1,000	\$1,0
1/17/12 to 12/31/12		ohers					
Role	Name	Department			% Credit		1
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
S-122922-01-S1	•	Restoration Project for the Ottawa River	No	\$54,132	\$0	\$54,132	\$54,
	at The University of Toledo, Oh			40 1,10 2	4 0	Ψο :, : σ=	ΨΟ.,
/15/11 to 1/18/13	U.S. Fish and Wildlife Service						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lawrence, Patrick L.	Geography and Planning, Department of			100		
<u> </u>	·	Sum of Department (Geography and Plan	ning Der	artment Awa	ard Count: 9 58		\$340,9
		came a soparamoni (eveglapin) and i lan	g, 20p	/ WC	5001111 5130		ΨΟ.0,

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Psychology, Department of

			Reporting Cash					Dept Award
Languages, Li	terature and Social Sci	ences, College of	Received?	Direct C	<u>ost</u>	Indirect Cost	Total Award	Credit
Psychology, Depart	ment of							
N-122930-01 11/1/11 to 10/31/12	Following a Motor Vehicle Acc	tudy of the Development of PTSD ident	No	\$25,0	00	\$0	\$25,000	
Role PI/PD Co-I Co-I Co-I	Name Wang, Xin Brickman, Kristopher R. Elhai, Jon D. Tamburrino, Marijo	Department Psychiatry, Department of Surgery, Department of Psychology, Department of Psychiatry, Department of				<u>% Credit</u> 100		
		Sum of Department (Ps	sychology, Depart	ment of)	Awa	ard Count:		_
		Sum of College (Languages, Lite	erature and Social	Science	Awa	ard Count: 13.83		\$571,203
Medicine, Coll	ege of		Reporting Cash Received?	Direct C	<u>ost</u>	Indirect Cost	Total Award	Dept Award Credit
AHEC								
R-010336-18 9/1/11 to 8/31/12	AHEC Point of Service Mainter Division of Medicine	nance and Enhancement	No	\$787,1	11	\$13,921	\$801,032	\$801,032
Role PI/PD	<u>Name</u> Vasquez, Kathleen	<u>Department</u> AHEC				<u>% Credit</u> 100		
Riochomistry & Can	cer Biology, Department of		Sum of Departmen	t (AHEC)	Awa	ard Count: 1.00		\$801,032
C-010087-24	Digitalis-Induced Signaling by	Cardiac Na+/K+-ATPase	No	\$1,077,7	07	\$375,647	\$1,453,354	\$1 453 354
4/1/12 to 3/31/13	National Heart, Lung & Blood Ins			Ψ1,011,1	•	ψο. ο, ο τ.	ψ1,-100,00-1	Ψ1,100,001
Role PI/PD Co-I Co-I Co-I Co-I	Name Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian	Department Biochemistry & Cancer Biology, I Phys Pharm Met/Cardio Science Phys Pharm Met/Cardio Science Phys Pharm Met/Cardio Science	Department of Department of			<u>% Credit</u> 100		
C-120589-02	Defining Preadipocyte Signatu		No	\$130,79	97	\$57,751	\$188,548	」 \$188,548
9/1/11 to 8/31/12	National Institutes of Health			Ţ.00,I.		40.,.0 .	Ţ,u.,u	Ţ.30,0 IO
Role PI/PD Stdnt Schol Stdnt Schol Stdnt Schol	Name Smas, Cynthia M. Eskandari, Parisa Koan, Caroline Sawyer, Tarshree	<u>Department</u> Biochemistry & Cancer Biology, I	Department of			<u>% Credit</u> 100		

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Medicine, Coll	leae of		orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
	ncer Biology, Department of	·	1100011001	Direct Cost	maneet Cost	<u>Iotal Awaru</u>	Orean
C-120751-03	Novel Role of Base Excision Rosensitivity	epair and Mismatch Repair in Cisplatin	No	\$188,313	\$93,780	\$282,093	\$282,093
3/1/12 to 2/28/13	National Institutes of Health						1
Role	Name Datrick Stanbar	Department			% Credit		
PI/PD C-121294-03	Patrick, Stephan	Biochemistry & Cancer Biology, Departr rentiation by SWI/SNF Chromatin	No	\$235,996	100 \$101,325	\$337,321	\$337,321
G-121294-03	Remodeling Enzymes	remadion by SW//SNF Chromatin	NO	φ 2 33,990	φ101,323	φ331,321	φ331,321
6/1/12 to 5/31/13	National Institutes of Health						
Role	Name	Department			% Credit		1
PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biology, Departr	ment of		100		
Co-I	Khuder, Sadik	Medicine, Department of	_				
Co-I	Yeung, Kam C.	Biochemistry & Cancer Biology, Departr		4004.000	A100 00 F	4004 540	
C-121526-03	Invasion	tytoskeleton Dynamics in Cancer Cell	No	\$201,275	\$100,235	\$301,510	\$301,510
6/1/12 to 5/31/13	National Institutes of Health						
Role	Name	Department			% Credit		1
PI/PD	Eisenmann, Kathryn M.	Biochemistry & Cancer Biology, Departr	ment of		100		
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Departr			.00		
Statistician	Weber, Stephanie Megan	3,7 1, 1, 1					
N-122844-01	Enhancing Hormonal Adjuvant	Therapy in Breast Cancer	No	\$25,000	\$0	\$25,000	\$12,500
9/1/11 to 8/31/12	ProMedica Health System						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Mohamed, Iman E.	Medicine, Department of			50		
Co-I	Gaba, Colette R.	Medicine, Department of			50		
Co-I	Ratnam, Manohar	Biochemistry & Cancer Biology, Departr		* 05.000	50	* 05.000	
N-122928-01	Cellular and Molecular Biology	of Polycystic Kidney Disease	No	\$25,000	\$0	\$25,000	
11/1/11 to 10/31/12					0/ 0 !!!		1
Role	Name	Department			% Credit		
PI/PD Co-I	Nauli, Surya M. Booth, Robert	Pharmacology, Department of Pathology, Department of			100		
Co-I	Ratnam, Manohar	Biochemistry & Cancer Biology, Departr	ment of				
N-122932-01	<u> </u>	Neonatal Intraventricular Hemorrhage	No	\$25,000	\$0	\$25,000	\$25,000
11/1/11 to 10/31/12	ProMedica Health System	•		,			, ,
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gunning, William T.	Biochemistry & Cancer Biology, Departr	ment of		100		
N-123317-01	A Micro-RNA Connection in BR	afV600E-induced Melanomagenesis	No	\$25,000	\$0	\$25,000	\$25,000
2/8/12 to 2/7/13	ProMedica Health System						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Yeung, Kam C.	Biochemistry & Cancer Biology, Departr	ment of		100		

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Medicine, Coll	lege of	<u>Reportir</u> <u>Re</u>	ng Cash ceived?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
		Sum of Department (Biochemistry & Cand	er Biolo	gy, Depa Awa	ard Count: 7.50		\$2,625,326
Family Medicine, De	epartment of						
N-122988-01	UT Interprofessional Healthcare	Provider Development	No	\$1,765,872	\$171,160	\$1,937,032	\$19,370
3/15/12 to 6/30/13	Ohio Department of Jobs and Fam	ily Services through Ohio State University					
Role	Name	Department			% Credit		
PI/PD	Smith, Mary Kay	Psychiatry, Department of			42		
Co-I	Bullock, Wesley A.	Psychiatry, Department of			20		
Co-I	French, Linda M.	Family Medicine, Department of			1		
Co-I	Gaspar, Timothy M.	Nursing, College of			10		
Co-I	Grothaus, Kay	Nursing, College of			12		
Co-I	Shapiro, Joseph	Medicine, Department of			9		
Co-I	Vasquez, Kathleen	Provost, Health Sciences			6		
		Sum of Department (Family Medicine	e, Depart	t ment of) Awa	ard Count: 0.01		\$19,370
Med Microbiology 8	k Immunology, Department of						
C-101178-06	Regulation of Type II Restriction	Modification Systems	No	\$133,512	\$66,488	\$200,000	\$200,000
3/1/12 to 2/28/13	Molecular & Cellular Biosciences		110	Ψ100,012	ψου, 100	Ψ200,000	Ψ200,000
Role	Name	Department			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Departm	ont of		78 Credit 100		
C-119910-04	Glanders Vaccine Development	wed wild obiology & infinitionogy, Departing	No	\$46,391	\$22,731	\$69,122	\$69,122
	•	tions Disapped through University of Colour		Ψ40,391	Φ22,731	Ф09,122	Ф09, 122
7/1/11 to 6/30/12	<u> </u>	tious Diseases through University of Calgary			0/ 0 '		
Role	<u>Name</u>	Department			% Credit		
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Departm	ent of		100		
C-120298-04	Choose Ohio First Scholarship P	_	No	\$75,200	\$0	\$75,200	\$75,200
7/1/11 to 6/30/12	Ohio Board of Regents through Oh	io University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Departm	ent of		100		
C-121527-03	Improvement in Paired Donation	Program	No	\$252,633	\$98,421	\$351,054	\$351,054
5/1/12 to 4/30/13	National Institutes of Health						_
Role	<u>Name</u>	Department			% Credit		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Departm	ent of		100		
Co-I	Rees, Michael A.	Urology, Department of					
Statistician	Khuder, Sadik	Medicine, Department of					
C-121626-02		Motility of Borrelia burgdorferi in	No	\$4,262	\$2,123	\$6,385	\$6,385
- 4. 4	Diverse Environments						
9/1/11 to 8/9/12	National Institutes of Health throug	h University of Connecticut Health Center					-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Departm	ent of		100		

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		<u>Reporti</u>	ng Cash			[Dept Award
Medicine, Col	lege of	<u>Re</u>	eceived?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Med Microbiology 8	k Immunology, Department of						
C-121922-02	Francisella tularensis Intracellul	arly-induced Outer Membrane Proteins	No	\$100,000	\$8,000	\$108,000	\$108,000
8/1/11 to 7/31/13	National Institute of Allergy & Infec	tious Diseases					
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Departm	nent of		100		
C-122185-02	Preclinical Development of a Tu	aremia Vaccine	No	\$245,001	\$122,010	\$367,011	\$367,011
3/1/12 to 2/28/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Departm	nent of		100		
N-101409-01	Secretarial Grant Account		Yes	\$103,000	\$0	\$103,000	\$103,000
1/20/06 to 1/19/13	American Society for Virology						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Departm	nent of		100		
N-121672-01	International Congress of Virolo	gy, Sapporo, ASV Travel Request	No	\$11,000	\$0	\$11,000	\$11,000
8/15/11 to 7/31/12	National Institute of Allergy & Infec	ctious Diseases					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Departm	nent of		100		
N-122388-01	The role of neutrophils and com	plement in preventing septic meliodosis	No	\$43,000	\$0	\$43,000	\$43,000
7/1/11 to 6/30/12	American Heart Association - Great	at Rivers Affiliate					
Role	Name	Department			% Credit		
PI/PD	Woodman, Michael Edward	Med Microbiology & Immunology, Departm	nent of		100		
N-122406-01	Identification of the Intracellular	Regulators Involved Establishing T-Cell	No	\$70,000	\$7,000	\$77,000	\$77,000
	Tolerance to Cardic Allografts						
7/1/11 to 6/30/12	American Heart Association - Nati	onal					•
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chen, Wenhao	Med Microbiology & Immunology, Departm			60		
Co-I	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Departm		4050.000	40	4074 500	
N-122444-01		Cellular Events During Atherogenesis	No	\$250,000	\$124,500	\$374,500	
	2 National Institutes of Health				0/ 0 !!!		1
Role	Name	Department No. 1/2 and in Contract Department			% Credit		
PI/PD Co-I	Vazquez, Guillermo Abraham, Nader G.	Phys Pharm Met/Cardio Science, Departm Phys Pharm Met/Cardio Science, Departm			100		
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Departm					
Co-I	Wooten, Ronald Mark	Med Microbiology & Immunology, Departm					
N-122516-01		notaxis in the development of Lyme	No	\$81,185	\$25,789	\$106,974	\$106,974
	disease						
9/1/11 to 8/31/12	National Institutes of Health through	gh East Carolina University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Departm			100		
Co-I	Takashima, Akira	Med Microbiology & Immunology, Departm	nent of]

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		Reporting C				1	Dept Award
Medicine, Co	llege of	Receiv	ived?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Med Microbiology	& Immunology, Department of						
N-122721-01	American Society for Virology	Meeting	No	\$15,000	\$0	\$15,000	\$15,000
7/1/11 to 6/30/12	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Department	t of		100		
Co-I Co-I	Dermody, Terrence Dutch, Rebecca						
Co-I	Semler, Bert						
Co-I	Verchot-Lubicz, Jeanmarie						
N-122724-01		ulence in Gram-negative Pathogens	No	\$125,000	\$56,875	\$181,875	\$72,750
5/1/12 to 4/30/13	National Institutes of Health	3 3		. ,	. ,		. ,
Role	Name_	Department			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department	t of		40		
PI/PD	Viola, Ronald	Chemistry, Department of			60		
N-123050-01	Functional Characterization o		No	\$24,963	\$12,431	\$37,394	\$37,394
2/1/12 to 8/31/12	National Institutes of Health thro	ough Boston University					1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department	t of		100		
		Sum of Department (Med Microbiology & Imm	nunolo	ogy, Dep Awa	ord Count: 14.40		\$1,642,890
Medicine, Departm	ent of						
C-100389-11		V Early Intervention Services (EIS)	No	\$420,488	\$24,066	\$444,554	\$444,554
	Program	,		• -,	• ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , ,
4/1/12 to 3/31/13	HIV/AIDS Bureau						
<u>Role</u>	<u>Name</u>	<u>Department</u>					
PI/PD	D I				% Credit		
	Duggan, Joan	Medicine, Department of			<u>% Credit</u> 100		
Co-I	Georgescu, Claudiu A.	Medicine, Department of					
Co-I	Georgescu, Claudiu A. Westerink, M.A. Julia	Medicine, Department of Medicine, Department of	V	\$4.750	100	\$0.500	40.500
Co-l C-101523-06	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En	Medicine, Department of Medicine, Department of ndoluminal Revascularization	Yes	\$1,752		\$2,599	\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In	Medicine, Department of Medicine, Department of Medicine, Department of Medicine Department of Medicine Department of Medicine, Department of Medicine	Yes	\$1,752	100 \$846	\$2,599	\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name	Medicine, Department of Medicine, Department of Medicine, Department of Medicine Department of Medicine, Department of Medicine, Medici	Yes	\$1,752	\$846 % Credit	\$2,599	\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role PI/PD	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department Medicine, Department of Medicine, Department of			\$846 <u>% Credit</u> 100		\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn Regulation of Melanocyte Diff	Medicine, Department of Medicine, Department of Medicine, Department of Medicine Department of Medicine, Department of Medicine, Medici	Yes	\$1,752 \$235,996	\$846 % Credit	\$2,599 \$337,321	\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role PI/PD C-121294-03	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn Regulation of Melanocyte Diff Remodeling Enzymes	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department Medicine, Department of Medicine, Department of			\$846 <u>% Credit</u> 100		\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role PI/PD C-121294-03 6/1/12 to 5/31/13	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn Regulation of Melanocyte Diff Remodeling Enzymes National Institutes of Health	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department Medicine, Department of Medicine			\$846 <u>% Credit</u> 100 \$101,325		\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role PI/PD C-121294-03	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn Regulation of Melanocyte Diff Remodeling Enzymes	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department Medicine, Department Medicine, Department of Medicine, Department of Medicine Med	No		\$846 % Credit 100 \$101,325		\$2,599
Co-I C-101523-06 8/1/10 to 7/31/11 Role PI/PD C-121294-03 6/1/12 to 5/31/13 Role	Georgescu, Claudiu A. Westerink, M.A. Julia Claudication: Exercise vs. En National Heart, Lung & Blood In Name Badenhop, Dalynn Regulation of Melanocyte Diff Remodeling Enzymes National Institutes of Health Name	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department Medicine, Department of Medicine	No		\$846 <u>% Credit</u> 100 \$101,325		\$2,599

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		Reporting Cash			[Dept Award
Medicine, Coll	lege of	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Medicine, Departme	ent of					
C-121388-03	VHS Yellow Perch Aquaculture A	NO NO	\$160,600	\$0	\$160,600	\$52,998
7/1/11 to 6/30/12	U.S. Department of Agriculture thro	ough University of Wisconsin-Milwaukee				
Role	Name	Department		% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and Education	Center	34		
Co-I	Leaman, Douglas W.	Biological Sciences, Department of		33		
Co-I	Willey, James	Medicine, Department of		33		
C-121527-03	Improvement in Paired Donation	Program No	\$252,633	\$98,421	\$351,054	
5/1/12 to 4/30/13	National Institutes of Health					
Role	Name	Department		% Credit		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of		100		
Co-I	Rees, Michael A.	Urology, Department of				
Statistician	Khuder, Sadik	Medicine, Department of				
C-122062-02	Inherited Genetic Risk Factors C	common to COPD and Lung Cancer No	\$324,599	\$141,014	\$465,613	\$465,613
5/17/12 to 4/30/13	National Heart, Lung & Blood Instit	tute				
Role	<u>Name</u>	<u>Department</u>		% Credit]
PI/PD	Willey, James	Medicine, Department of		100		
Co-I	Apostolis, Michael A.					
Co-I	Arenberg, Douglas					
Co-I	Assaly, Ragheb	Medicine, Department of				
Co-I	Hammersley, Jeffrey	Medicine, Department of				
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of				
Co-I	Jett, James					
Co-I	Khuder, Sadik	Medicine, Department of				
Co-I	Lanka, Kiranmayee					
Co-I	Massion, Pierre					
Co-I	Midthun, David					
Co-I	Nana-Sinkam, Patrick					
Co-I	Olson, Dan	Medicine, Department of				
Co-I	Safi, Fadi Alil					
Co-I	Schwann, Thomas A.	Surgery, Department of				
Co-I	Simoff, Michael					
Co-I	Singh, Surender	M. P. S. D. G. C. C.				
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of				J

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Medicine, Col	lege of	<u>R</u>	eporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Medicine, Departme				<u>Direct Coot</u>	manoot ooot	<u>iotai / twara</u>	Orodit
C-122214-02	Receptor Na/K-ATPase Antagor Renal/Cardiac Diseases	ists As Novel Therapeutics For	No	\$400,506	\$163,935	\$564,441	\$282,221
6/1/12 to 5/1/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Shapiro, Joseph	Medicine, Department of			50		
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, De	epartment of		50		
Co-I Co-I	Liu, Jiang	Medicine, Department of Phys Pharm Met/Cardio Science, De	nortment of				
Co-I	Liu, Lijun Tian, Jiang	Medicine, Department of	partinent of				
N-100773-01		Flex Septal Closure System vs. Best	Yes	\$2,035	\$509	\$2,544	
N-100773-01		h a Stroke and/or Transient Ischemic		Ψ2,033	\$303	Ψ 2,344	
		doxical Embolism through a Patient					
	Foramen Ovale (CLOSURE 1)	doxical Ellibolisili tillougil a Fatielit					
7/18/03 to 5/19/11	NMT Medical, Inc.						
Role	Name	Department			% Credit		
PI/PD	Tietjen, Gretchen	Neurology, Department of			100		
Co-I	Colyer, William R.	Medicine, Department of			100		
Co-I	Hafeez, Faizan	Neurology, Department of					
Co-I	Thomas, William J.	Medicine, Department of					
N-101051-01		y: An Observational Study of Treatm	ent, Yes	\$400	\$100	\$500	\$500
		ients with Follicular Non-Hodgkin's	,				
	Lymphoma	_					
9/29/04 to 9/28/12	Genentech, Inc.						
Role	<u>Name</u>	Department			% Credit		
PI/PD	Mohamed, Iman E.	Medicine, Department of			100		
Co-I	Chaudhary, Rekha	Medicine, Department of					
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Veltri, Salvatore	Medicine, Department of					
Dir Ctr/Inst	Braun, Donald P.	Surgery, Department of					
N-101088-01	Carotid Revascularization Enda	•	Yes	\$4,800	\$1,200	\$6,000	
1/3/05 to 1/2/11	National Institute of Neurological I Dentistry of New Jersey	Disorders and Stroke through University	of Medicine &				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Nazzal, Munier M.S.	Surgery, Department of			100		
Co-I	Abbas, Jihad T.	Surgery, Department of					
Co-I	Burket, Mark	Medicine, Department of					
Co-I	Hafeez, Faizan	Neurology, Department of					
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of					
Co-I	Tietjen, Gretchen	Neurology, Department of					

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Medicine, Col	lege of	<u> </u>	Reporting Cash Received?	Direct Coot	Indianat Cont	_	Dept Award
Medicine, Departme			<u>Neceiveu :</u>	Direct Cost	Indirect Cost	Total Award	Credit
N-101228-01		Renal Atherosclerotic Lesions (CORA	L) Yes	\$14,684	\$3,671	\$18,355	\$18,355
3/23/05 to 3/31/13		estitute through Medical University of Oh	•	4,	4 0,0 1	, ,	¥ 10,000
Role	Name	Department			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			100		
Co-I	Bashir, Riyaz	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Kaw, Dinkar	Medicine, Department of					
Co-I	Malhotra, Deepak K.	Medicine, Department of					
Co-I	Ratnam, Shobha	Medicine, Department of					
Co-I	Shapiro, Joseph	Medicine, Department of					
N-101315-01	Zilver PTX Vascular Stent in the	he Above-the-Knee Femoropopliteal A	rtery Yes	\$6,120	\$1,530	\$7,650	\$7,650
9/8/05 to 9/7/12	Cook, Inc.						
Role	Name	Department			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			100		
Co-I	Bashir, Riyaz	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
N-101598-01		domized Evaluation of Celecoxib	Yes	\$18,966	\$4,742	\$23,708	\$23,708
	Integrated Safety vs. Ibuprofe	•					
4/6/07 to 4/5/13	Pfizer, Inc. through INC Resear	ch, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Bruhl, Steven	Resid Prgm-Medicine					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					
Co-I	Vijendra, Divya						
Stdnt Schol	Baas, Tiffany Renee	Medicine, Department of					
N-120172-01		SCH 530348 in Preventing Heart Attac	k Yes	\$2,600	\$650	\$3,250	
	and Stroke in Patients with At						
2/27/08 to 2/26/12	Schering Plough Research Insti	itute					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tietjen, Gretchen	Neurology, Department of			100		
Co-I	Burket, Mark	Medicine, Department of					
Co-I	Li, Hongyan	Resid Prgm-Neurosciences					
Co-I	Nazzal, Munier M.S.	Surgery, Department of					

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Medicine, College of			rting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Medicine, Departme	ent of	_					
N-120191-01	A 104-week, Randomized, Double-blind, Parallel Arm, Phase IIIb Study Comparing Effects of Treatment with Rosuvastatin 40 mg or Atorvastatin 80 mg on Atherosclerotic Disease Burden Measured by Intravascular Ultrasound in Pts with Coronary Artery Disease Who Require Coronary Angiography			\$16,142	\$4,036	\$20,178	\$18,160
1/15/08 to 1/14/12	AstraZeneca, L.P.						
Role PI/PD Co-I Co-I Co-I	Name Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal Department Medicine, Department Medicine, Department Resid Prgm-Medicine Medicine, Department	of of			<u>% Credit</u> 70 10 10 10		
N-120445-01 8/11/08 to 8/10/12	An International, Multicenter, Prospective Observational Safety of Maraviroc Used with Optimized Background Treatment Experienced HIV 1 Infected Patients Pfizer, Inc.	al Study of the	Yes	\$4,300	\$1,075	\$5,375	\$5,375
Role PI/PD Co-I Co-I	Name Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F. Department Medicine, Department Medicine, Department Medicine, Department	of			<u>% Credit</u> 100		
N-120515-01 6/20/08 to 6/19/09	Study of the Long-term Safety and Efficacy of Drug in Patients with Opioid-induced Bowel Dysfunction Sucampo Pharmaceuticals, Inc.		Yes	\$800	\$200	\$1,000	\$1,000
Role PI/PD Co-I Co-I	Name Daboul, Isam Filipiak, Charles L. Sodeman, Thomas C. Department Medicine, Department Medicine, Department Medicine, Department	of			<u>% Credit</u> 100		
N-120534-01 12/8/08 to 12/7/11	A Two-Stage Prospective Observational Cohort Study in Scleroderma Patients to Evaluate Screening Tests and the Incidence of Pulmonary Arterial Hypertension and Pulmonary Hypertension Actelion Clinical Operations, Inc.		Yes	\$5,272	\$1,318	\$6,590	\$6,590
Role PI/PD Co-I Co-I	Name Kahaleh, M Bashar Burket, Mark Khouri, Samer J. Department Medicine, Department Medicine, Department Medicine, Department	of			<u>% Credit</u> 100		
N-120773-01 3/1/09 to 2/28/12	Digital Ischemic Lesions in Scleroderma Treated with C Diethanolamine: A Randomized, Double-Blind, Placebo Multicenter Study United Therapeutics Corporation		Yes	\$273	\$68	\$341	\$341
Role PI/PD	Name Department Kahaleh, M Bashar Medicine, Department	of			<u>% Credit</u> 100		

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		<u>Rep</u>	orting Cash			Г	Dept Award
Medicine, College of			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	ent of						
N-120812-01		adib versus Placebo in Subjects with ase to Compare the Incidence of Majornts (MACE)	Yes	\$5,722	\$1,430	\$7,152	\$7,152
Role	Name	Department			% Credit		
PI/PD	Pandya, Utpal	Medicine, Department of			100		
PI/PD	Tinkel, Jodi Lee	Medicine, Department of					
Co-I	Burket, Mark	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
N-120829-01 1/23/09 to 1/22/13	Cardiovascular Outcomes aft	ebo Controlled Clinical Trial to Evaluate er Treatment with Sitagliptin in Patients and Inadequate Glycemic Control gh Duke University	Yes	\$22,832	\$5,708	\$28,540	\$28,540
Role	Name	Department			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					
N-120874-01 12/5/08 to 12/4/11	A Phase 1 Multicenter, Open-label Study to Evaluate the Safety and Tolerability of Single and Multiple Intravenous Doses of MEDI-546, A Fully Human Monoclonal Antibody Directed Against Subunit 1 of the Type I Interferon Alpha Receptor, in Adult Subjects with Scleroderma MedImmune. Inc.		Yes	\$200	\$50	\$250	\$250
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			70 Credit		
N-120896-01	•	Lesions in Scleroderma Treated with Or	al Yes	\$1,200	\$300	\$1,500	\$1,500
14-120030-01	Treprostinil Diethanolamine: An Open-label Multicenter Extension			Ψ1,200	φοσο	Ψ1,000	Ψ1,000
	Study						
3/27/09 to 3/26/12	United Therapeutics Corporation	on					
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
N-120961-01	Invatec INTENSE Study	·	Yes	\$1,962	\$490	\$2,452	\$2,452
3/13/09 to 3/12/13	Medtronic, Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			100		

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Medicine, Coll	ege of	Re	oorting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Medicine, Departme	ent of						
N-121058-01 5/19/09 to 5/18/10		arallel-Group, Multicenter Study to ng-Term Safety of Albiglutide Compare ype 2 Diabetes Mellitus	Yes d	\$1,200	\$300	\$1,500	\$1,500
Role PI/PD Co-I Co-I	<u>Name</u> Hejeebu, Srini K. Iwuagwu, Cletus U. Williams, Julie A.	Department Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-121060-01 5/19/09 to 5/18/10	Parallel-Group, Multicenter Stu	Placebo-and Active-Controlled, udy to Determine the Efficacy and Safet Combination with Metformin and	Yes y	\$1,400	\$350	\$1,750	\$1,750
Role PI/PD Co-I Co-I	Name Hejeebu, Srini K. Iwuagwu, Cletus U. Williams, Julie A.	Department Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-121458-01 8/14/09 to 8/13/11	dosage strengths of Fluticasor	study to compare the effect of three ne Furoate/GW642444 Inhalation Powd Rate of Exacerbations in Subjects with y Disease (COPD)		\$5,188	\$1,297	\$6,485	\$6,485
Role PI/PD Co-I Co-I	<u>Name</u> Hammersley, Jeffrey Assaly, Ragheb Avasthi, Salil	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
Co-I Co-I Co-I	Goyal, Rajan Hernandez, Dawn-Alita R. Kanjwal, Mohd Shaffi Lanka, Kiranmayee	Medicine, Department of					
Co-l Co-l Co-l	Olson, Dan Taji, Jamil Willey, James Yoon-Krawczyk, Youngsool	Medicine, Department of Medicine, Department of Medicine, Department of					
N-121475-01			Yes	\$3,400	\$850	\$4,250	\$4,250
Role PI/PD Co-I	Name Kanjwal, Mohammed Y. Khouri, Samer J.	Department Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		

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Medicine, Col	lege of	Rep	orting Cash Received?	Diagrat Const	la dina et Oa et	_	Dept Award
Medicine, Departme			Received:	Direct Cost	Indirect Cost	Total Award	Credit
N-121503-01	Cordis CYPRESS Trial (P09-6301	1	Yes	\$8,240	\$2,060	\$10,300	\$10,300
	2 Cordis Corporation	,	103	Ψ0,2-10	Ψ2,000	Ψ10,500	Ψ10,300
Role	Name	Department			% Credit		
PI/PD	Colyer, William R.	Medicine, Department of			100		
Co-I	Burket, Mark	Medicine, Department of			100		
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine					
Co-I	Pandya, Utpal	Medicine, Department of					
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine					
N-121504-01	<u> </u>	Efficacy and Safety of Fluticasone	Yes	\$3,400	\$850	\$4,250	\$4,250
14-121304-01	Furoate (FF)/GW642444 Inhalation		103	ψ5,400	ΨΟΟΟ	Ψ+,250	ψ-,250
		ily (AM) Via a Novel Dry Powder Inhale	ar				
	Compared with Placebo in Subje		~ 1				
8/28/09 to 8/27/10	GlaxoSmithKline	ots with officine obstructive					
Role	Name	Department			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			100		
Co-I	Assaly, Ragheb	Medicine, Department of Medicine, Department of			100		
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of Medicine, Department of					
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Willey, James	Medicine, Department of Medicine, Department of					
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of Medicine, Department of					
N-121535-01	<u> </u>	ized, Double-Blind, Placebo-Controlle	d Yes	\$59,352	\$0	\$59,352	\$59,352
14-121333-01		nd Safety of Peramivir Administer	u ies	Ψ33,332	ΨΟ	ψ59,552	ψ39,33 2
		ndard of Care in Adults and Adolescer	ite				
	Who are Hospitalized Due to Ser		แร				
10/30/09 to 10/29/1	'2 BioCryst Pharmaceuticals, Inc.	ious illiueliza					
Role	Name	Department			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			100		
Co-I	Apostolis, Michael A.	Medicine, Department of Medicine, Department of			100		
Co-I	Apostolis, Michael A. Assaly, Ragheb	Medicine, Department of Medicine, Department of					
Co-I	Avasthi, Salil	Medicine, Department of Medicine, Department of					
Co-I	Bauer, Rebecca	Medicine, Department of					
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Duggan, Joan	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of					
Co-I	Lanka, Kiranmayee	Medicine, Department of Medicine, Department of					
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Safi, Fadi Alil	Medicine, Department of					
Co-I	Singh, Surender	Medicine, Department of					
Co-I	Willey, James	Medicine, Department of					
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of Medicine, Department of					
001	10011 Mawozyk, Todingsook	Modiono, Dopartmont of					

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Medicine, Col	lege of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Medicine, Departme	ent of						
N-121592-01 2/24/10 to 2/23/13	Study of the Effects of JNJ-284	uble-Blind, Parallel, Placebo-Controlled 31754 on Cardiovascular Outcomes in betes Mellitus (The CANVAS Trial)	Yes	\$22,869	\$5,717	\$28,587	\$28,587
Role PI/PD Co-I Co-I	Name Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 100		
N-121691-01 1/1/10 to 12/31/12		Darapladib - A Clinical Outcomes Study n Subjects Following Acute Coronary	Yes	\$23,385	\$5,846	\$29,231	\$29,231
Role PI/PD	<u>Name</u> Tinkel, Jodi Lee	Department Medicine, Department of			<u>% Credit</u> 100		
N-121715-01 5/4/10 to 5/3/12	A Randomized, Double-Blind, F	Placebo-Controlled, Parallel-Group, Versus Placebo in the Treatment of vith HIV Neuropathy	Yes	\$3,673	\$918	\$4,591	\$3,214
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Koffman, Boyd Westerink, M.A. Julia	<u>Department</u> Medicine, Department of Neurology, Department of Medicine, Department of			% Credit 60 30 10		
N-121730-01	Placebo-Controlled Compariso	center, Double-Blind, Randomized, n of the Efficacy and Safety of Oral lets in Subjects with Pulmonary Arterial	Yes	\$6,465	\$1,616	\$8,081	\$8,081
2/12/10 to 2/11/12	United Therapeutics Corporation						
Role PI/PD Co-I	<u>Name</u> Khouri, Samer J. Garris, Theresa	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
Co-I	Kahaleh, M Bashar	Medicine, Department of	N.	* 252.222	A 404 F 00	***	4050 500
N-121746-01-A1 12/15/11 to 11/30/1.	Na/K-ATPase Reduction in Ren 2 National Institutes of Health	al Disease-Related Cardiac Dysfunction	ı No	\$250,000	\$124,500	\$374,500	\$359,520
Role PI/PD Co-I Co-I Co-I Co-I	Name Tian, Jiang Cooper, Christopher Liu, Jiang Liu, Lijun Shapiro, Joseph Xie, Zi-Jian	Department Medicine, Department of Medicine, Department of Medicine, Department of Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department			% Credit 81 5 5 2 5 2		

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Medicine, Col	logo of	Re	porting Cash			_	Dept Award
			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme				A 11.500	**	ATO 170	ATO 070
N-121817-01 5/12/10 to 5/11/13	Study, Evaluating the Effect of			\$44,566	\$8,913	\$53,479	\$50,270
Role	Name	Department			% Credit		
PI/PD	Colyer, William R.	Medicine, Department of			<u> </u>		
Co-I	Burket, Mark	Medicine, Department of			3		
Co-I	Cooper, Christopher	Medicine, Department of			3		
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine			3		
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine			3		
N-121903-01	Protocol No. BCB 109 entitled Event Lowering Trial (EXSCE	d "EXenatide Study of Cardiovascular	Yes	\$10,878	\$2,937	\$13,815	\$13,539
8/16/10 to 8/15/13	Amylin Phamaceuticals, Inc. th	rough Duke University					
Role	Name	Department			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			95		
Co-I	Bittar, Samih	Medicine, Department of			3		
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine			2		
N-121913-01	Carotid Stenting for High Sur Through The Collection Of Cl	gical Risk Patients; Evaluation Outcome linical Evidence ("CHOICE")	es Yes	\$10,345	\$0	\$10,345	\$10,345
6/2/10 to 6/1/12	Abbott Vascular Inc						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			80		
Co-I	Nahhas, Ahed T.	Medicine, Department of			20		
N-121948-01	A 12-Week, International, Mul	ticenter, Double-Blind, Randomized,	Yes	\$3,450	\$863	\$4,313	\$2,889
	Placebo-Controlled Comparis	son of the Efficacy and Safety of Oral					
	UT-15C Sustained Release Ta	ablets in Subjects with Pulmonary Arteria	al				
	Hypertension						
5/14/10 to 5/13/11	United Therapeutics Corporation	on					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Khouri, Samer J.	Medicine, Department of			34		
Co-I	Garris, Theresa	Administration, Unspecified			33		
Co-I	Kahaleh, M Bashar	Medicine, Department of			33		

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Medicine, Col	llege of	Re	porting Cash	D		_	Dept Award
Medicine, Departm			Received?	Direct Cost	Indirect Cost	Total Award	Credit
N-122062-01		Common to COPD and Lung Cancer	No	\$384,531	\$167,341	\$551,872	\$551,872
7/1/11 to 4/30/12	National Heart, Lung & Blood Ins			, ,	* - /-	, , ,	, , .
Role	Name	Department			% Credit		1
PI/PD	Willey, James	Medicine, Department of			100		
Co-I	Arenberg, Douglas						
Co-I	Assaly, Ragheb	Medicine, Department of					
Co-I	Avasthi, Salil	, 1					
Co-I	Hammersley, Jeffrey	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-I	Jett, James	,					
Co-I	Kanjwal, Mohd Shaffi						
Co-I	Khuder, Sadik	Medicine, Department of					
Co-I	Lanka, Kiranmayee	•					
Co-I	Massion, Pierre						
Co-I	Midthun, David						
Co-I	Nana-Sinkam, Patrick						
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Schwann, Thomas A.	Surgery, Department of					
Co-I	Simoff, Michael						
Co-I	Yoon-Krawczyk, Youngsook						
N-122175-01		n and Treatment of STEMI (ALERTS)	Yes	\$6,125	\$0	\$6,125	\$3,063
	Randomized Trial						
3/11/11 to 3/10/12	Angel Medical Systems, Inc.						
Role	Name	Department			% Credit		
PI/PD	Schwann, Thomas A.	Surgery, Department of			25		
Co-I	Cooper, Christopher	Medicine, Department of			25		
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of			25		
Co-I	Omer, Shuab	Surgery, Department of			25		
N-122201-01	Assessment of Content Validity	and Other Quantitative Measurement	Yes	\$1,772	\$443	\$2,215	\$2,215
	Properties of the Cochin Hand	Functional Scale (CHFS) for Use in a					
	Scleroderma Patient Population	n with Digital Ulcers (DUs)					
12/30/10 to 12/29/		through United BioSource Corporation					
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
רו/פט	Kanaien, IVI Basnar	iviedicine, Department of			100		J

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Medicine, Col	lege of	<u>R</u>	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Medicine, Departme			<u></u>	<u>Direct Oost</u>	indirect Cost	Total Award	Orcan
N-122214-01	Receptor Na/K-ATPase Antag Renal/Cardiac Diseases	onists As Novel Therapeutics For	No	\$393,471	\$173,419	\$566,890	\$283,445
8/18/11 to 5/31/12	National Institutes of Health						-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Shapiro, Joseph	Medicine, Department of			50		
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, De	partment of		50		
Co-I	Liu, Jiang	Medicine, Department of	_				
Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, De	partment of				
Co-I	Tian, Jiang	Medicine, Department of					
N-122255-01		ging Study for Evaluation of Chest Pair	Yes	\$8,682	\$868	\$9,550	\$9,550
	(PROMISE Trial)						
12/3/10 to 7/31/12	National Heart, Lung & Blood Ir	nstitute through Duke University					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tinkel, Jodi Lee	Medicine, Department of			80		
Co-I	Colyer, William R.	Medicine, Department of			10		
Co-I	Khouri, Samer J.	Medicine, Department of			10		
N-122407-01	Systems Analysis of Adiposit	y in Obesity	No	\$86,957	\$13,043	\$100,000	\$100,000
1/15/11 to 1/14/12	University of Malaya						
Role	Name	Department			% Credit		
PI/PD	Chin, Khew-Voon	Medicine, Department of			100		
N-122784-01	A Prospective, Multicenter, Si	ingle Blind, Randomized, Controlled Tr	ial Yes	\$4,232	\$1,143	\$5,375	\$5,375
	Comparing the Moxv™ Drug	Coated Balloon vs. Standard Balloon		+ -,	4 -,	4 -,	4 -,
	Angioplasty for Treatment of						
9/14/11 to 9/13/12	Lutonix Inc						
Role	Name	Department			% Credit		1
PI/PD	Burket, Mark	Medicine, Department of			70		
Co-I	Cooper, Christopher	Medicine, Department of			15		
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine			. •		
Co-I	Nahhas, Ahed T.	Medicine, Department of			15		
N-122785-01	A Phase III Study to Demonst	rate the Antiviral Activity and Safety of	Yes	\$2,647	\$715	\$3,362	\$3,362
		d Adult Subjects with Treatment Failure		* ,-	•	• • • • •	* - /
	an Integrase Inhibitor Contain						
9/26/11 to 9/25/12	GlaxoSmithKline						
Role	Name	Department			% Credit		
PI/PD	Duggan, Joan	Medicine, Department of			100		
Co-I	Akpanudo, Barbara D.	Medicine, Department of					
Co-I	Dwyer, Mary F.	Medicine, Department of					

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		Re	porting Cash				Dept Award
Medicine, Coll	ege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	ent of						
N-122786-01	Maraviroc + Darunavir/Ritona	ouble-Blind, Comparative Trial Of vir Versus Emtricitabine/Tenofovir + Treatment Of Antiretroviral-Naïve	Yes	\$6,101	\$1,647	\$7,749	\$7,749
12/1/11 to 11/30/12							
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-122787-01		moral Atherosclerotic Lesions Using the	e Yes	\$9,638	\$2,602	\$12,240	\$12,240
9/3/11 to 9/2/13	Self-expanding Astron and As Biotronik, Inc.	stron Pulsar Stents					
Role PI/PD Co-I Co-I Co-I	Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T.	<u>Department</u> Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 100		
N-122835-01	Epidemiology of Ovarian Can	cer in African-American Women	No	\$635	\$316	\$951	\$951
5/1/11 to 4/30/12	National Institutes of Health thr Center	ough Case Western Reserve University/Ca	ase Medical				
Role PI/PD Co-I	<u>Name</u> Geisler, John Patrick Manahan, Kelly J.	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-122844-01	Enhancing Hormonal Adjuvar	nt Therapy in Breast Cancer	No	\$25,000	\$0	\$25,000	\$12,500
9/1/11 to 8/31/12	ProMedica Health System						
Role PI/PD Co-I Co-I	<u>Name</u> Mohamed, Iman E. Gaba, Colette R. Ratnam, Manohar	<u>Department</u> Medicine, Department of Medicine, Department of Biochemistry & Cancer Biology, Department	artment of		<u>% Credit</u> 50 50		
N-122931-01	• • • • • • • • • • • • • • • • • • • •	Potential Biomarker for Human Resista	nt No	\$25,000	\$0	\$25,000	\$25,000
11/1/11 to 10/31/12	Hypertension ProMedica Health System						
Role PI/PD	<u>Name</u> Liu, Jiang	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

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Medicine, Coll	lege of		Reporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medicine, Departme	ent of						
N-122988-01	UT Interprofessional Healthcare	Provider Development	No	\$1,765,872	\$171,160	\$1,937,032	\$174,333
3/15/12 to 6/30/13	Ohio Department of Jobs and Fam	nily Services through Ohio State Univ	versity				
Role	Name	Department			% Credit		
PI/PD	Smith, Mary Kay	Psychiatry, Department of			42		
Co-I	Bullock, Wesley A.	Psychiatry, Department of			20		
Co-I	French, Linda M.	Family Medicine, Department of			1		
Co-I	Gaspar, Timothy M.	Nursing, College of			10		
Co-I	Grothaus, Kay	Nursing, College of			12		
Co-I	Shapiro, Joseph	Medicine, Department of			9		
Co-I	Vasquez, Kathleen	Provost, Health Sciences			6		
N-123060-01	Breviblock Observational Regist	try	Yes	\$1,181	\$319	\$1,500	\$1,440
	2 Baxter Healthcare Corporation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			89		
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine			1		
Co-I	Assaly, Ragheb	Medicine, Department of			1		
Co-I	Avasthi, Salil	Resid Prgm-Medicine			1		
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of			1		
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine			1		
Co-I	Lanka, Kiranmayee	Medicine, Department of			1		
Co-I	Olson, Dan	Medicine, Department of			1		
Co-I	Safi, Fadi Alil	Medicine, Department of			1		
Co-I	Singh, Surender	Resid Prgm-Medicine			1		
Co-I	Willey, James	Medicine, Department of			1		
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of	.,	* = • · ·	1	4	
N-123062-01		acebo Controlled, Parallel Group,	Yes	\$5,315	\$1,435	\$6,750	\$6,750
		Prevention of Thrombotic Events					
		on a Background of Acetyl Salicy	IIC				
4/04/40 1- 4/00/40	Acid(ASA) Therapy in Patients w	ith History of					
1/24/12 to 1/23/13	AstraZeneca, L.P.				2/ 0 "		1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tinkel, Jodi Lee	Medicine, Department of			75		
Co-I	Colyer, William R.	Medicine, Department of			25		<u> </u>
N-123115-01	The Role of CD40 Signaling in S		Yes	\$81,000	\$24,300	\$105,300	\$105,300
0/0/40 to 0/4/40		t between UT and Digital Therapeu	ıtics				
2/2/12 to 2/1/13	Digital Therapeutics, LLC	December			0/ 0 ":		1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		
Co-I	Wang, Yongqing	Medicine, Department of			0		J

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Medicine, Coll	ege of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Medicine, Departme	ent of						
N-123157-01 2/7/12 to 5/7/12	A Phase 2b Randomized, Dou 200 mg Once-Daily Doses of C			\$4,508	\$1,217	\$5,725	\$5,725
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-123158-01 3/13/12 to 3/12/13	An Evaluation of the Burden of States with Peripheral and Ce Pfizer, Inc.	f Illness Among Adults in the United ntral Neuropathic Pain	Yes	\$3,543	\$957	\$4,500	\$4,500
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
N-123339-01 6/15/12 to 1/15/13	The Effect of Cosmetic Production Nerium Biotechnology, Inc.	ct Extract(s) on Collagen Synthesis	No	\$25,000	\$7,500	\$32,500	\$32,500
Role PI/PD Co-I	<u>Name</u> Liu, Jiang Shapiro, Joseph	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 50 50		
N-123370-01 5/15/12 to 9/15/12	Assessment of Hypertension in the NW Ohio Underinsured The Arnold P. Gold Foundation	Management and Barriers to Patient Car Population	e No	\$3,000	\$0	\$3,000	\$3,000
Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol	Name Crist, Keith Paat, Richard A. Cogorno, Steven Hulme, Ann Elizabeth Kwong, Helaine J.	<u>Department</u> Surgery, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 0 100		
R-100043-12 8/1/11 to 7/31/12	Coordinated Services and Acc Children, and Youth (Ryan Wh HIV/AIDS Bureau	ess to Research for Women, Infants, ite IV Part D)	No	\$368,884	\$95,910	\$464,794	\$464,794
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
R-101303-07 1/1/12 to 12/31/13	Healthy Relationships through Centers for Disease Control and County Regional Health District	n Existing Support Groups I Prevention & Ohio Department of Health t	No hrough Lucas	\$23,050	\$0	\$23,050	\$23,050
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		

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	_	Repo	rting Cash				Dept Award
Medicine, Col	lege of	<u> </u>	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Medicine, Departme	ent of						
R-101307-07	Options		No	\$16,250	\$0	\$16,250	\$16,250
1/1/12 to 12/31/13		and Prevention & Ohio Department of Health thr	ough Lucas	•			
	County Regional Health Dis	rict					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Duggan, Joan	Medicine, Department of			100		
S-100389-11-S1		HIV Early Intervention Services (EIS)	No	\$36,152	\$1,848	\$38,000	\$38,000
4/4/40 (= 0/04/40	Program						
4/1/12 to 3/31/13	HIV/AIDS Bureau	_			24.2 11:		4
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Duggan, Joan	Medicine, Department of		A 1 000 000	100	A 	<u></u>
S-100529-06-S1		in Renal Atherosclerotic Lesions (CORAL)	No	\$1,272,960	\$431,619	\$1,704,579	\$1,704,579
9/19/11 to 5/31/13	National Heart, Lung & Bloo						-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Cooper, Christopher	Medicine, Department of			100		
S-101523-06-S1	Claudication: Exercise vs.	Endoluminal Revascularization	Yes	\$1,735	\$864	\$2,599	\$2,599
8/1/11 to 9/30/11	National Heart, Lung & Bloo	d Institute through Rhode Island Hospital					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Badenhop, Dalynn	Medicine, Department of			100		
		Sum of Department (Medic	ine, Depart	ment of) Awa	ard Count: 57.53		\$5,563,262
Neurology, Departr	ment of						
C-100871-04		n Early Parkinson's Disease - Phase III QE3	Yes	\$29,565	\$7,687	\$37,252	\$37,252
C-10007 1-04	Study	ii Early Parkiiison's Disease - Phase III QES	162	\$29,505	Φ1,001	Φ31,232	φ31,232
12/1/08 to 5/31/13		gical Disorders and Stroke through Cornell Unive	ersity				
Role	Name	Department	nony		% Credit		7
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
C-101408-06		ntion after Stroke (IRIS) Trial	Yes	\$8,324	\$2,081	\$10,405	\$10,405
9/15/09 to 8/31/10		gical Disorders and Stroke through Yale Universi		Ψ0,021	Ψ2,001	Ψ10,100	Ψ10,400
Role	Name	Department	·y		% Credit		7
PI/PD	Tietjen, Gretchen	Neurology, Department of			78 Credit		
N-100534-01	• •	I, Phase III, Randomized, Double-blind,	Yes	\$9,833	\$2,458	\$12,291	\$12,291
14-100334-01		ontrolled Trial of the Efficacy and Safety of	103	ψ5,055	Ψ2, 430	Ψ12,231	Ψ12,231
		ubjects with Advanced Stage, Idiopathic					
	Parkinson's Who are not C						
1/23/02 to 12/17/09							
Role	Name	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
	•						_

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Medicine, Col	lege of	Re	porting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departn	nent of						
N-100773-01 7/18/03 to 5/19/11	Safety and Efficacy of the STAR Medical Therapy in Patients with	Flex Septal Closure System vs. Best n a Stroke and/or Transient Ischemic doxical Embolism through a Patient	Yes	\$2,035	\$509	\$2,544	\$2,544
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tietjen, Gretchen Colyer, William R. Hafeez, Faizan Thomas, William J.	Department Neurology, Department of Medicine, Department of Neurology, Department of Medicine, Department of			<u>% Credit</u> 100		
N-100994-01 8/1/04 to 11/30/12	Combined Use of Interferon Bet Agent Alone in Patients with Re (CombiRx-Phase III)	andomized Study Comparing the a-1a and Glatiramer Acetate to Either lapsing Remitting Multiple Sclerosis Disorders and Stroke through Mount Sina	Yes ai School of	\$14,768	\$3,692	\$18,460	\$18,460
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Pirzada, Noor	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-101088-01 1/3/05 to 1/2/11	Carotid Revascularization Enda National Institute of Neurological I Dentistry of New Jersey	rterectomy vs. Stenting Disorders and Stroke through University	Yes of Medicine &	\$4,800	\$1,200	\$6,000	
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A. Tietjen, Gretchen	Department Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-101250-01	Biomarker in MS - A Substudy o		Yes	\$96	\$24	\$120	\$120
6/1/05 to 5/31/13 Role PI/PD	National Institute of Neurological I Name Koffman, Boyd	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-101323-01 10/24/05 to 10/23/1	The Impact of Switching to Con- Non-motor Side Effects	tinuous Release Dopamine Agonists o	on Yes	\$18,270	\$4,568	\$22,838	\$22,838
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		

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Medicine, Col	leae of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Neurology, Departn			1100011001	<u>Direct Cost</u>	indirect Cost	<u>IOIAI AWAIU</u>	Credit
N-101443-01 4/11/06 to 4/10/13		(-RET-E22-301)	y Yes	\$1,396	\$349	\$1,745	\$1,745
Role PI/PD Co-I	Name Ali, Imran Greenfield, Lazar John	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-101462-01 9/1/06 to 3/12/08	A Multi-center, Randomized, Doul Group Study of the Efficacy, Safe	ble-blind, Placebo-controlled, Paralle ty, and Tolerability of E2007 in sease Patients with Motor Fluctuatio		\$16,473	\$4,118	\$20,592	\$20,592
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-101508-01 2/26/07 to 9/30/11	Novartis Protocol No. CFTY720D2 Novartis	2309	Yes	\$27,513	\$6,878	\$34,391	\$34,391
Role PI/PD Co-I Co-I Co-I	Name Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of			<u>% Credit</u> 100		
N-119915-01 7/18/07 to 7/17/13		er, Double-blind, Randomized Trial to Conversion to Lacosamide	Yes	\$2,168	\$542	\$2,710	\$2,710
Role PI/PD Co-I Co-I Statistician	<u>Name</u> Ali, Imran Greenfield, Lazar John Ramsey-Williams, Vicki A. Hamilton, Jody	Department Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-119916-01 7/18/07 to 7/17/13		on Trial to Assess the Long-term Use Safety of Lacosamide Monothereapy ts with Partial-onset Seizures		\$800	\$200	\$1,000	\$1,000
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		

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Medicine, Coll	lege of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departm	nent of						
N-119930-01 7/24/07 to 7/23/12	A Multicenter, Randomized, Parallel-group Trial to Asses	Double-blind, Placebo-controlled, 5-arm, is Rotigotine Transdermal System Dose Advanced-stage Parkinson's Disease	Yes	\$4,325	\$1,081	\$5,406	\$5,406
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-120172-01 2/27/08 to 2/26/12		f SCH 530348 in Preventing Heart Attack Atherosclerosis (Study P04737) Stitute	Yes	\$2,600	\$650	\$3,250	\$3,250
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tietjen, Gretchen Burket, Mark Li, Hongyan Nazzal, Munier M.S.	<u>Department</u> Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of			<u>% Credit</u> 100		
N-120608-01 12/5/08 to 12/4/12	Placebo-controlled, Dose Esthe Efficacy and Safety of Ea Therapy in Subjects with Re	nsion Phase of the Double-blind, scalation, Parallel-Group Studies to Evalua 2007 (perampanel) Given as Adjunctive fractory Partial Seizures arough PPD Development, LLC	Yes ate	\$12,493	\$3,123	\$15,617	\$15,617
Role PI/PD Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-120686-01 10/1/08 to 9/30/12		xtension Study to Examine the Safety and e Treatment of Psychosis in Parkinson's	Yes	\$12,653	\$3,163	\$15,816	\$15,816
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-121292-01 7/20/09 to 7/19/12		r, Follow-Up Study Designed to Evaluate the iline in Parkinson's Disease Subjects Who Study		\$6,126	\$1,531	\$7,657	\$7,657
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-121435-01 9/14/09 to 9/13/10	IPX066 in Subjects with Parl	to EvaluatetThe Safety and EfficacyoOf	Yes	\$400	\$100	\$500	\$500
Role PI/PD	Name Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		

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Medicine, Col	lege of	<u>Re</u> r	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departn				<u>Direct Coot</u>	manoor ooor	<u>Total / twala</u>	<u>Orodit</u>
N-121712-01		epine Acetate (BIA 2-093) as Adjuncti izures	ve Yes	\$10,579	\$0	\$10,579	\$10,579
3/10/10 to 3/9/12	Sepracor						1
Role PI/PD Co-I	<u>Name</u> Ali, Imran Li, Hongyan	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of					
N-121715-01	A Randomized, Double-Blind, Pla		Yes	\$3,673	\$918	\$4,591	\$1,377
	Multicenter Trial of Pregabalin Ve						
5/4/10 to 5/3/12	Neuropathic Pain Associated with Pfizer, Inc.	h HIV Neuropathy					
Role		Department			% Credit		1
PI/PD	<u>Name</u> Duggan, Joan	Department Medicine, Department of			<u>% Credit</u> 60		
Co-I	Koffman, Boyd	Neurology, Department of			30		
Co-I	Westerink, M.A. Julia	Medicine, Department of			10		
N-121944-01	An Open Label Extension Study of	of the Safety and Clinical Utility of	Yes	\$5,110	\$1,277	\$6,387	\$6,387
	IPX066 in Subjects with Parkinso	n's Disease					
5/27/10 to 5/26/12	Impax Laboratories, Inc.						1
Role	<u>Name</u>	Department			% Credit		
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
N-122000-01		ndomized, Parallel-Group, Placebo	Yes	\$34,334	\$8,584	\$42,918	\$42,918
	Controlled Study to Assess the C						
	Patients with Parkinson's Diseas	genic Orthostatic Hypotension in					
5/14/10 to 5/13/13	Chelsea Therapeutics Inc through I						
Role	Name	Department			% Credit		1
PI/PD	Elmer, Lawrence	Neurology, Department of			100		
Co-I	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences					
N-122032-01		d, Double-Blind Trial to Examine the	Yes	\$9,511	\$2,568	\$12,079	\$12,079
		erin in the Treatment of Psychosis in					
7/15/10 / 7/14/10	Parkinson's Disease						
7/15/10 to 7/14/13	Acadia Pharmaceuticals, Inc.				0/ 0 "		1
Role	Name	Department Department of			% Credit		
PI/PD Co-I	Elmer, Lawrence Scott, Mary E.	Neurology, Department of Neurology, Department of			100		
Co-I	Spears, Julia L.	Neurology, Department of					
Co-I	Wilson, Stephanie	Neurology, Department of					

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Medicine, Col	lege of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departn				<u>Direct Coot</u>	manoot Goot	<u>Total / Wara</u>	Oroak
N-122093-01 1/12/11 to 1/11/13	A Phase 3, Double-Blind, Placek	nd Safety Study of Preladenant in Disease	Yes	\$16,428	\$4,436	\$20,864	\$20,864
Role PI/PD Co-I Co-I	Name Elmer, Lawrence Menezes, Krishe Scott, Mary E.	<u>Department</u> Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-122176-01 12/8/10 to 7/7/13	Droxidopa In Subjects With Prin	dy To Assess The Long-Term Safety O nary Autonomic Failure, Dopamine Be Diabetic Neuropathy And Symptomat nsion	ta	\$18,504	\$4,996	\$23,500	\$23,500
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Nicholas-Bublick, Selena C.	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122200-01 3/31/11 to 3/30/13		illel-group, placebo-controlled study to of desmoteplase in acute ischemic	o Yes	\$5,315	\$1,435	\$6,750	\$6,750
Role PI/PD Co-I	<u>Name</u> Tietjen, Gretchen Li, Hongyan	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122252-01 3/16/11 to 3/15/12	A Randomized, Double-blind, Pl Parallel-group Study to Evaluate Brivaracetam in Subjects (great with Partial Onset Seizures (Pha UCB Biosciences	e the Efficacy and Safety of er than or equal to 16 to 80 years old)	Yes	\$13,623	\$3,678	\$17,301	\$14,706
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of			<u>% Credit</u> 55 15 15 15		

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Medicine, Col	lege of	<u>Re</u>	eporting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Neurology, Departn				<u>Direct Cost</u>	mancet Cost	<u> 10tai 7 twara</u>	<u>Orcan</u>
N-122627-01 3/25/11 to 3/24/13	Phase 3, OPEN-LABEL, MULTIC EVALUATE THE LONG-TERM SA	UNCTIVE TREATMENT IN SUBJECTS	Yes	\$2,362	\$638	\$3,000	\$1,500
Role PI/PD Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences		A4.004	% Credit 30 20 30 20	45.500	
N-122634-01 3/1/11 to 2/28/13		acebo-Controlled, Parallel-Group, Cras Adjunctive Therapy In Adult ures	Yes	\$4,331	\$1,169	\$5,500	
Role PI/PD Co-I Co-I	<u>Name</u> Li, Hongyan Ali, Imran Cole, Kimberly A. Ramsey-Williams, Vicki A.	<u>Department</u> Resid Prgm-Neurosciences Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122664-01 4/21/11 to 4/20/13			nd Yes	\$8,607	\$2,324	\$10,931	\$10,931
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Menezes, Krishe	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 70 30		
N-122744-01	Of The Efficacy And Safety Of To Multiple Sclerosis Who Are Trea	rallel-Group Placebo-Controlled Stud eriflunomide In Patients With Relapsi ited With Interferon-Beta		\$3,740	\$1,010	\$4,750	\$3,325
5/2/11 to 5/1/12 Role PI/PD Co-I Co-I Co-I	Sanofi-Aventis U.S., Inc. Name Koffman, Boyd Cole, Kimberly A. Elsamaloty, Haitham M. Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Radiology, Department of Neurology, Department of			% Credit 30 20 30 20		

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Medicine, Col	lege of	Re	porting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departn				<u>Direct Goot</u>	manoor oost	<u>iotai / twara</u>	Oroak
N-122778-01 2/16/12 to 2/15/13	A Double-blind, Randomized, P	pen-label Extension Phase to Evaluate active Perampanel in Primary	Yes	\$6,457	\$1,743	\$8,200	\$3,280
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30		
N-122779-01 1/5/12 to 1/4/13	A Phase 2, Multicenter, Double- Placebo-Controlled Trial to Eval in Subjects with Treatment Res SK Life Science, Inc.	uate the Efficacy and Safety of YKP30	Yes 089	\$15,965	\$4,311	\$20,276	\$16,221
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 70 10 10 10		
N-122780-01 10/6/11 to 10/5/12	A Randomized, Multicenter, Doi Parallel-Group, Phase 3 Study t	<u> </u>	Yes	\$2,362	\$638	\$3,000	\$1,200
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122781-01 10/6/11 to 10/5/12			Yes s	\$2,362	\$638	\$3,000	\$1,200
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		

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Medicine, Col	logo of	· · · · · · · · · · · · · · · · · · ·	ing Cash				Dept Award
Neurology, Departn		<u>K</u>	eceived?	Direct Cost	Indirect Cost	Total Award	Credit
N-122789-01 9/20/11 to 9/19/12	A Phase II, multi-centre, randon	nised, double-blind, placebo-controlled, ate the efficacy, safety and tolerability of	Yes	\$2,165	\$585	\$2,750	\$2,750
Role PI/PD Co-I	Name Elmer, Lawrence Scott, Mary E.	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-123152-01 2/10/12 to 5/19/13	Care of Parkinson's Disease an Comprehensive Approach Teva Pharmaceutical Industries L		No	\$100,000	\$0	\$100,000	\$100,000
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-123247-01 3/12/12 to 3/11/13	Efficacy of Eslicarbazepine Ace	torical Control Study of the Safety and tate Monotherapy in Subjects with blled by Current Antiepileptic Drugs	Yes	\$8,465	\$2,285	\$10,750	\$10,750
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		
Neurosciences, De	partment of	Sum of Department (Neurolo	gy, Depart	ment of) Awa	ard Count: 33.35		\$502,910
C-100413-09 4/1/11 to 5/31/12	[Ca2+]i and Secretory Dynamics	s in Parotid Acinar Cells raniofacial Research through University of R	No ochester	\$30,130	\$15,005	\$45,135	\$45,135
Role PI/PD	<u>Name</u> Giovannucci, David	Department Neurosciences, Department of			<u>% Credit</u> 100		
C-120742-03 5/15/12 to 5/14/13	ASPET Surf Fellowship American Society for Pharmacolo	gy and Experimental Therapeutics	No	\$9,000	\$0	\$9,000	
Role PI/PD Co-I Co-I	Name Tietz, Elizabeth I. Abraham, Nader G. Beavis, Andrew	Department Phys Pharm Met/Cardio Science, Departr Phys Pharm Met/Cardio Science, Departr Phys Pharm Met/Cardio Science, Departr	ment of ment of		<u>% Credit</u> 85 10		
Co-I Co-I	Pierre, Sandrine V. Yamamoto, Bryan K.	Phys Pharm Met/Cardio Science, Departr Neurosciences, Department of	ment of		5		

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Medicine, Col	lege of		ting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Neurosciences, De		<u>"</u>	<u>ceceiveu:</u>	Direct Cost	indirect Cost	<u>Iotal Award</u>	Credit
C-120840-03	Mechanisms Controlling the Fu Nicotinic Synapses	nction and Development of Neuronal	No	\$100,134	\$49,866	\$150,000	\$150,000
3/1/12 to 2/28/13	National Science Foundation	Danastraant			0/ 0 == = = = = = = = = = = = = = = = =		1
Role PI/PD	<u>Name</u> Margiotta, Joseph	<u>Department</u> Neurosciences, Department of			<u>% Credit</u> 100		
N-122449-01	Chemobiologic Approach to NA	, ,	No	\$242,849	\$107,842	\$350,691	」 \$42,083
6/1/12 to 5/31/13	National Institutes of Health			4 2 .2,5 .5	4.01,01	4000,001	V .=,000
Role PI/PD Co-I Co-I	<u>Name</u> Slama, James T. Giovannucci, David Wall, Katherine Ann	<u>Department</u> Medicinal and Biological Chemistry, Department of Medicinal and Biological Chemistry, Department of Medicinal and Biological Chemistry, Department			<u>% Credit</u> 50 12 38		
N-122851-01 9/1/11 to 8/31/12	Mechanism of transport of secretary National Institute of Child Health	etory vesicles in regulated secretory & Human Development	No	\$125,001	\$10,000	\$135,001	\$135,001
Role	<u>Name</u>	<u>Department</u>			% Credit		1
PI/PD	Park, Joshua Jin-Hyouk	Neurosciences, Department of			100		
N-123321-01	MBL Research		No	\$850	\$0	\$850	\$850
6/23/12 to 7/3/12	Marine Biological Laboratory						1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Barlow, Amanda Jayne	Neurosciences, Department of			100		<u> </u>
		Sum of Department (Neuroscience	es, Depart	ment of) Awa	ard Count: 4.12		\$373,069
	cology, Department of						
N-100685-01 3/13/03 to 7/31/08		Illed, Multi-center Clinical Trial of 3 as Post-chemotherapy Consolidation rian, Tubal or Peritoneal Origin	Yes	\$14,731	\$3,683	\$18,413	\$18,413
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Andrews, Stephen J.	Obstetrics & Gynecology, Department of			100		
Co-I Dir Ctr/Inst	Fanning, James Braun, Donald P.	Obstetrics & Gynecology, Department of Surgery, Department of					
N-121706-01	Precision Therapeutics PT-301	Cargory, Doparamont of	Yes	\$21,750	\$0	\$21,750	\$21,750
2/16/10 to 2/15/13	Precision Therapeutics Inc			, ,,,,,,,	**	, .,	,,.
Role PI/PD Co-I	<u>Name</u> Manahan, Kelly J. Geisler, John Patrick	<u>Department</u> Obstetrics & Gynecology, Department of			<u>% Credit</u> 100		

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Medicine, Coll	lege of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Obstetrics & Gynec	ology, Department of						
N-121942-01 7/22/10 to 7/21/12	A Randomized, Double-Blind Study of Adding AMG 479, a Insulin-Like Growth Factor Ty	Placebo Controlled, Multi-Center, Phase Fully Human Monoclonal Antibody Agains upe 1 Receptor (IGF-1R) to First Line With Optimally Debulked (< 1 Cm) Group through Amgen, Inc.		\$4,900	\$1,225	\$6,125	\$6,125
Role PI/PD Co-I	<u>Name</u> Geisler, John Patrick Manahan, Kelly J.	Department Obstetrics & Gynecology, Department	of		<u>% Credit</u> 100		
N-123232-01 2/28/12 to 2/27/13	A Phase II Randomized Open PROTOCOL TITLE: with Paci	Label Study of MM-121 in combination taxel Versus Paclitaxel Alone in patients actory Advanced Ovarian Cancers	Yes	\$25,224	\$6,811	\$32,035	\$32,035
Role PI/PD Co-I Co-I	Name Geisler, John Patrick Betts-Cobau, Teresa Manahan, Kelly J.	<u>Department</u> Obstetrics & Gynecology, Department Obstetrics & Gynecology, Department Obstetrics & Gynecology, Department	of		<u>% Credit</u> 100		
		Sum of Department (Obstetrics & Gyn	ecology, Dep	partment Awa	ard Count: 4.00		\$78,323
Orthopaedic Surger N-123057-01 1/1/12 to 12/31/12			, No	\$8,038	\$2,010	\$10,048	\$10,048
Role PI/PD	Name Czernik, Piotr J.	<u>Department</u> Orthopaedic Surgery, Department of			% Credit 100		
		Sum of Department (Orthopaedic Sur	gery, Depart	ment of) Awa	ard Count: 1.00		\$10,048
Pathology, Departm C-121312-02		ation of a New Molecular Test for Active	No	\$41,237	\$18,763	\$60,000	\$30,000
C-121312-02	VHS Infection in Fish	ation of a New Molecular Test for Active	NO	Ψ41,23 1	φ10,703	\$60,000	\$30,000
2/1/12 to 1/31/13	National Oceanic and Atmosph	eric Administration through Ohio State Unive	ersity				
Role PI/PD Co-I	<u>Name</u> Stepien, Carol Willey, James	<u>Department</u> Lake Erie Soil and Water Research an Pathology, Department of	d Education (Center	<u>% Credit</u> 50 50		
C-121489-05 3/1/12 to 2/28/13	Diseases	Vitamin E, Diet & Age-Related Neurologiough Rush-Presbyterian-St. Luke's Medical		\$40,836	\$20,336	\$61,172	\$61,172
Role PI/PD	Name Hensley, Kenneth	Department Pathology, Department of	Odritor		<u>% Credit</u> 100		

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Medicine, Co	llege of	<u>R</u>	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Pathology, Depart			<u>rtocorrou.</u>	<u>Direct Cost</u>	indirect Cost	<u>Iolai Awaiu</u>	Credit
N-122752-01	Targeting CRMP2 to Treat Motor	Neuron Disease	No	\$100,618	\$10,062	\$110,680	\$110,680
2/1/12 to 1/31/13	Muscular Dystrophy Association -					. ,	
Role	<u>Name</u>	Department			% Credit		
PI/PD	Hensley, Kenneth	Pathology, Department of			100		
N-122928-01	Cellular and Molecular Biology of	of Polycystic Kidney Disease	No	\$25,000	\$0	\$25,000	
11/1/11 to 10/31/1	2 ProMedica Health System						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Nauli, Surya M.	Pharmacology, Department of			100		
Co-I	Booth, Robert	Pathology, Department of					
Co-I	Ratnam, Manohar	Biochemistry & Cancer Biology, Dep					<u></u>
N-123314-01		ynamic Therapy for the Treatment o	No No	\$25,000	\$0	\$25,000	\$6,25
E/1/12 to 1/20/12	Chronic Sinusitis						
5/1/12 to 4/30/13	ProMedica Health System	Department			0/ 0		1
Role PI/PD	Name Pough Reginald F	<u>Department</u> Surgery, Department of			% Credit		
Co-I	Baugh, Reginald F. Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of			25 25		
Co-I	Cameron, Brent D.	Bioengineering, Department of			25 25		
Co-I	Fournier, Ronald L.	Pathology, Department of			25		
N-123316-01	·	Kidney Transplant Rejection via Nex	: No	\$25,000	\$0	\$25,000	\$25,000
	Generation Sequencing	, ,		. ,	·	. ,	. ,
2/8/12 to 2/7/13	ProMedica Health System						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Muldrew, Kenneth L.	Pathology, Department of			100		
		Sum of Department (Path	nology, Depart	ment of) Awa	ard Count: 3.75		\$233,102
Pediatrics, Depart							
N-122404-01		ngle Arm Study to Evaluate the Safe	y Yes	\$26,034	\$7,810	\$33,844	\$33,844
	and Tolerability of Intravenous Z		ام				
	Influenza Infection	and Pediatric Subjects with Confirm	t u				
10/24/11 to 10/23/	/12 GlaxoSmithKline						
Role	Name	Department			% Credit		1
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
N-122504-01	An Evaluation of the Safety, Effic	·	Yes	\$5,385	\$1,615	\$7,000	\$7,00
		s Aged Two to Seventeen Years with		, ,,,,,,	Ţ.,J.,J	71,000	7.,50
	Complicated Skin and Skin Stru						
	Gram-Positive Pathogens	•					
10/24/11 to 10/23/	/12 Cubist Pharmaceuticals, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		

Medicine, Coll	lege of	<u>Re</u> p	oorting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Pediatrics, Departm				<u>Direct Goot</u>	manoor coor	<u> 10tai / twara</u>	Oroan
N-122559-01	Program Support - Phase 1 (Infectious Diseases. Task O 2 National Institute of Allergy & I	Clinical Trial Unit for Therapeutics Against rder 001 Infectious Diseases through Clinical Research		\$25,476	\$12,687	\$38,163	\$38,163
Role PI/PD	Inc. Name Blumer, Jeffrey L.	Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122588-01 3/9/11 to 5/31/13	<u> </u>	macokinetics of Single Dose Intravenous tients	Yes	\$7,269	\$2,181	\$9,450	\$9,450
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122589-01	and Efficacy of Sequential (I	I, Multicenter Trial to Evaluate the Safety ntravenous, oral) Moxifloxacin versus jects with Complicated Intra-Abdominal	Yes	\$2,308	\$692	\$3,000	\$3,000
Role PI/PD	Name Blumer, Jeffrey L.	Department Pediatrics, Department of			% Credit 100		
N-122591-01	A Comparative Single-Dose TAK-491 Between Infants, Cand Healthy Adults	Pharmacokinetic and Safety Study of hildren, and Adolescents with Hypertension	Yes	\$6,154	\$1,846	\$8,000	\$8,000
Role PI/PD	2 Takeda Global Research & De Name Blumer, Jeffrey L.	Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122592-01	A Randomized, Double-blind Safety/Tolerability, Pharmac	l, Placebo-Controlled Trial to Assess okinetics and Pharmacodyanmics of o 17 years old) and Adult Subjects with Ty	Yes pe	\$9,971	\$2,991	\$12,962	\$12,962
10/24/11 to 10/23/12	2 Novo Nordisk Inc.						7
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122594-01 3/14/11 to 3/13/13	An Open-Label Study to Eva	luate the Single-Dose Pharmacokientics, ripenem in Infants (Term and Preterm) Les	Yes	\$14,497	\$4,349	\$18,846	\$18,846
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Col	lege of	Re	porting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Pediatrics, Departn	nent of						
N-122595-01 3/14/11 to 3/13/13	Establish the Safety and To	I, Double-Blind, Multicenter Study to lerability of Doripenem Compared with hilden with Bacterial Pneumonia oment, LLC	Yes	\$2,500	\$750	\$3,250	\$3,250
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122596-01	Establish the Safety and To Cefepime in Hospitalized C Infections	I, Double-Blind, Multicenter Study to lerability of Doripenem Compared with hildren with Complicated Urinary Tract	Yes	\$2,500	\$750	\$3,250	\$3,250
	2 Janssen Research & Develo						
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122597-01 9/15/11 to 11/11/12	Establish the Safety and To Meropenem in Hospitalized Infections	I, Double-Blind, Multicenter Study to lerability of Doripenem Compared with Children with Complicated Intra-Abdomir	Yes	\$2,500	\$750	\$3,250	\$3,250
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122618-01			Yes	\$4,231	\$1,269	\$5,500	\$5,500
Role	Name	Department			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
N-122659-01 10/25/11 to 10/24/1	Single and Multiple Day Do			\$5,750	\$1,725	\$7,475	\$7,475
Role	Name	Department			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
N-122661-01 10/5/11 to 10/4/12		acodynamic and Safety Study of Single and cole in Pediatric Subjects with GERD 1 to 1		\$54,569	\$16,371	\$70,940	\$70,940
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Co	llege of	Re	eporting Cash Received?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Pediatrics, Departi				<u>Direct Cost</u>	mancot Cost	<u> 10tai 7 twara</u>	Orcait
N-122662-01	A Multicenter, Double-blind, Randomized, Placebo-controlled Parallel-group, Withdrawal Study to Evaluate the Safety and Delayed-released Rabeprazole in 1- to 11-Month-Old Pediate with Symptomatic/Erosive Gastroesophageal Reflux Diseas 11 to 10/23/12 Janssen Research & Development, LLC		ts	\$10,092	\$3,027	\$13,119	\$13,119
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122665-01	An Open Label Prospective Safety Evaluation of Intrav	e Pharmacokinetic/Pharmacodynamic and enous Oseltamivir (Tamiflu) in the Treatme ear of Age with Influenza Infection		\$2,500	\$750	\$3,250	\$3,250
Role PI/PD	Name Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-122666-01	An Open Label Prospective Safety Evaluation of Intrav	e, Pharmacokinetic/Pharmacodynamic and enous Oseltamivir (Tamiflu) in the Treatme f Agen with Influenza Infection		\$2,500	\$750	\$3,250	\$3,250
Role PI/PD	Name Blumer, Jeffrey L.	Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122667-01 10/24/11 to 10/23/	Ages Birth to Younger than Systemic Infection	gle Dose of Ceftaroline Fosamil in Children 12 Years with Suspected or Confirmed	n Yes	\$41,866	\$12,560	\$54,426	\$54,426
Role PI/PD	Name Blumer, Jeffrey L.	Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122701-01 9/15/11 to 9/14/12	Safety and Efficacy of Arip Treatment of Pediatric Pati Disorder	iprazole in the Long-Term Maintenance ents with Irritability Associated with Autis	Yes tic	\$2,500	\$ 750	\$3,250	\$3,250
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122702-01 9/15/11 to 9/14/12	Multiple Dose Study to Eva Pharmacodynamics, Safety Subjects with an Indwellin	lluate the Pharmacokinetics, y and Tolerability of Apixaban in Pediatric	Yes	\$4,900	\$1,470	\$6,370	\$6,370
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		

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Pediatrics, Department of NiCHD International and Domestic Pediatric and Maternal HIV Studies No \$15,438 \$0 \$15,438 \$15,		_	<u>Rep</u>	orting Cash			[Dept Award
NiCHD International and Domestic Pediatric and Maternal HIV Studies	Medicine, Coll	ege of		Received?	Direct Cost	Indirect Cost		<u>Credit</u>
Coordinating Center Role Name Department Pediatrics, Department Purp Pur	Pediatrics, Departm	ent of						
Role Name Department PilPD Blumer, Jeffrey L. Pediatrics, Department PilPD Blumer, Jeffrey L. Pediatrics, Department PilPD Blumer, Jeffrey L. Pediatrics, Department Pediatrics, Department PilPD Pediatrics, Department Pediatrics, Department PilPD Pediatrics, Department Pediatrics, Department PilPD Pediatrics, Department PilPD Pediatrics, Department Pediatrics, Department PilPD PilPD Pediatrics, Department Pediatrics, Departme	N-122916-01	NICHD International and Domestic	Pediatric and Maternal HIV Studies	No	\$15,438	\$0	\$15,438	\$15,438
Role Name Department Pediatrics, Department PilPD Blumer, Jeffrey L. Pediatrics, Department PilPD Blumer, Jeffrey L. Pediatrics, Department PilPD Blumer, Jeffrey L. Pediatrics, Department Pediatrics, Department PilPD Pediatrics, Department Pediatrics, Department PilPD Pediatrics, Department Pediatrics, De								
PI/PD Blumer, Jeffrey L. Pediatrics, Department of 100 1	10/1/11 to 11/30/12	National Institute of Child Health & F	Human Development through Westat Co	orporation				
N-123303-01 Evaluation of a Novel Human Milk Fortifier in Preterm Infants Yes \$15,217 \$0 \$15,217 \$15,272 \$27/113 \$Abbott \$15,217 \$15,272 \$15,273 \$15,2		<u></u>				% Credit		
Role Name Department Pi/PD Ruiz, valarie Stricklen Pediatrics, Department of Department of Pi/PD Ruiz, valarie Stricklen Pediatrics, Department of Pi/PD Pi/PD Ruiz, valarie Stricklen Pediatrics, Department of Pi/PD Pi/PD Pi/PD Pediatrics, Department of Pi/PD Pi/	PI/PD					100		
Role Name Department PuPD Blumer, Jeffrey L. Pediatrics, Department of 100 S202,999 \$0 \$202,999 \$0 \$202,999 \$0 \$0 \$202,999 \$0 \$0 \$202,999 \$0 \$0 \$202,999 \$0 \$0 \$202,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0	N-123303-01	Evaluation of a Novel Human Milk	Fortifier in Preterm Infants	Yes	\$15,217	\$0	\$15,217	\$15,217
PI/PD Blumer, Jeffrey L. Pediatrics, Department of 100	2/2/12 to 2/1/13	Abbott						
R-010085-33 Regional Comprehensive Genetic Services No \$202,999 \$0 \$202,999 \$0 \$202,999 \$0 \$7/1/11 to 6/30/12 Ohio Department of Health - Federal Pass-Through Funds No \$202,999 \$0 \$202,999 \$0 \$202,999 \$0 \$7/1/11 to 6/30/12 Ohio Department of Health - Federal Pass-Through Funds No \$202,999 \$0 \$20	Role	Name	Department			% Credit		
Role	PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
Role	R-010085-33	Regional Comprehensive Genetic	Services	No	\$202,999	\$0	\$202,999	\$202,999
PI/PD	7/1/11 to 6/30/12						,	,
PI/PD	Role	Name	Department			% Credit		
Role		Hoo, Joe J.	Pediatrics, Department of					
Role	R-101054-08	•	· .	No	\$22,727	\$2,273	\$25,000	\$25,000
Pi/PD Ruiz, Valarie Stricklen Pediatrics, Department of 100 10	7/1/11 to 9/30/12	Ohio Department of Jobs and Family	y Services					
Pi/PD Ruiz, Valarie Stricklen Pediatrics, Department of 100 10	Role	Name	Department			% Credit		
Co-I Legendre, Lori R. Pediatrics, Department of 100		Ruiz, Valarie Stricklen	Pediatrics, Department of					
Role	Co-I					100		
Role PI/PD Quinn, Eileen A. Department of Quinn, Eileen A. Department of Pediatrics, Department of Department (Pediatrics, Department of) Award Count: 25.00 \$591,400 \$1,000 \$591,400 \$1,000 \$1	S-101166-06-S1	Hospital-Based Regional Child Fir	nd Grant Program	No	\$24,565	\$0	\$24,565	\$24,565
Pl/PD Quinn, Eileen A. Pediatrics, Department of Sum of Department (Pediatrics, Department of) Award Count: 25.00 \$591,4 Phys Pharm Met/Cardio Science, Department of C-010087-24 Digitalis-Induced Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354	7/1/11 to 12/31/11	Mercy Children's Hospital						_
Phys Pharm Met/Cardio Science, Department of C-010087-24 Digitalis-Induced Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354 4/1/12 to 3/31/13 National Heart, Lung & Blood Institute Role Name Department Biochemistry & Cancer Biology, Department of Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,641 \$55	Role	<u>Name</u>	Department			% Credit		
Phys Pharm Met/Cardio Science, Department of C-010087-24 Digitalis-Induced Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354 4/1/12 to 3/31/13 National Heart, Lung & Blood Institute Role Name Department PI/PD Askari, Amir Biochemistry & Cancer Biology, Department of Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,641/1/12 to 3/31/13 National Heart, Lung & Blood Institute	PI/PD	Quinn, Eileen A.	Pediatrics, Department of			100		
Phys Pharm Met/Cardio Science, Department of C-010087-24 Digitalis-Induced Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354 4/1/12 to 3/31/13 National Heart, Lung & Blood Institute Role Name Department PI/PD Askari, Amir Biochemistry & Cancer Biology, Department of Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,641 \$5		-	Sum of Department (Pedia	trics, Depart	ment of) Awa	ard Count: 25.00		\$591,814
C-010087-24 Digitalis-Induced Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354 4/1/12 to 3/31/13 National Heart, Lung & Blood Institute Role Name Department Signaling by Cardiac Na+/K+-ATPase No \$1,077,707 \$375,647 \$1,453,354 PI/PD Askari, Amir Biochemistry & Cancer Biology, Department of Garlid, Keith Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,411/12 to 3/31/13 National Heart, Lung & Blood Institute	Dhua Dharm Mat/Ca	rdio Coiones Donortment of		•	,			•
Role Name Department Schemistry & Cancer Biology, Department of Name Department of Name Department of Name Nakari, Amir Biochemistry & Cancer Biology, Department of Nakari, Keith Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Nakari, Zi-Jian Phys Pharm Met/Cardio Science, Department of National Heart, Lung & Blood Institute S555,621			rdice No. // ATDees	No	¢4 077 707	¢275 647	¢4 4E2 2E4	
Role Name Department Met/Cardio Science, Department of Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,641/1/12 to 3/31/13 National Heart, Lung & Blood Institute				NO	\$1,077,707	\$375,64 <i>1</i>	\$1,455,354	
PI/PD Askari, Amir Biochemistry & Cancer Biology, Department of Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of No \$370,908 \$184,713 \$555,621 \$555,041/1/12 to 3/31/13 National Heart, Lung & Blood Institute		· •				0/ 0 !!!		1
Co-I Garlid, Keith Co-I Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of C-010310-35 Genetic Elements Controlling Blood Pressure No \$370,908 \$184,713 \$555,621 \$555,641 \$								
Co-l Liu, Lijun Phys Pharm Met/Cardio Science, Department of Co-l Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-l Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of Phys Phys Pharm Met/Cardio Science, Department of Phys Phys Phys Phys Phys Phys Phys Phys	· ·		Biochemistry & Cancer Biology, Depart	ment of		100		
Co-I Pierre, Sandrine V. Phys Pharm Met/Cardio Science, Department of Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of Science, Department of Phys Pharm Met/Cardio Science, Department of No Saro,908 \$184,713 \$555,621 \$555,6			Phys Pharm Mat/Cardia Saignes Dans	ertmont of				
Co-I Xie, Zi-Jian Phys Pharm Met/Cardio Science, Department of C-010310-35 Genetic Elements Controlling Blood Pressure No \$370,908 \$184,713 \$555,621 \$555,6								
C-010310-35 Genetic Elements Controlling Blood Pressure No \$370,908 \$184,713 \$555,621 \$555,621 4/1/12 to 3/31/13 National Heart, Lung & Blood Institute								
4/1/12 to 3/31/13 National Heart, Lung & Blood Institute		<u> </u>	<u> </u>		\$370 908	\$184 713	\$555 621	\$555,621
, 5		_		140	Ψ010,000	Ψ10-4,710	Ψ000,021	ψ000,02 I
<u>Indio</u> <u>Departificiti</u> <u>70 Officiti</u>		· •				% Credit		
PI/PD Joe, Bina Phys Pharm Met/Cardio Science, Department of 100				artment of				

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		Reporting Cash			[Dept Award
Medicine, Coll	lege of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Phys Pharm Met/Ca	rdio Science, Department of					
C-010991-11	CEACAM and Insulin Action	No	\$215,033	\$107,086	\$322,119	\$322,119
5/1/12 to 4/30/13	National Institute of Diabetes, Di	gestive & Kidney Diseases				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of		100		
Co-I	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of				
C-100836-04	Genetics of Hypertension	No	\$219,068	\$105,810	\$324,878	\$324,878
8/1/11 to 7/31/12	National Heart, Lung & Blood Ins	stitute				_
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Science, Department of		100		
C-120629-04		alcium Channels During Chronic BZ No	\$42,232	\$0	\$42,232	\$42,232
	Treatment in Rats					
4/1/12 to 3/31/13	National Institute on Drug Abuse					_
<u>Role</u>	<u>Name</u>	<u>Department</u>		% Credit		
Stdnt Schol	Earl, Damien E.	Phys Pharm Met/Cardio Science, Department of		100		
C-120742-03	ASPET Surf Fellowship	No	\$9,000	\$0	\$9,000	\$9,000
5/15/12 to 5/14/13	American Society for Pharmacol	ogy and Experimental Therapeutics				
Role	Name	Department		% Credit		
PI/PD	Tietz, Elizabeth I.	Phys Pharm Met/Cardio Science, Department of		85		
Co-I	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of				
Co-I	Beavis, Andrew	Phys Pharm Met/Cardio Science, Department of		10		
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of		5		
Co-I	Yamamoto, Bryan K.	Neurosciences, Department of	A 225 452	0100 105	4007.047	
C-121479-02	Hormonal Regulation of Blood		\$265,452	\$132,195	\$397,647	\$397,647
4/1/12 to 3/31/13		stitute through New York Medical College		0/ 0 !!!		1
Role	Name Name	Department No. 100 in 1		% Credit		
PI/PD	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of	A	100	400= -00	
C-121732-12	Heme Oxygenase Regulation of	of Eicosanoid Biosynthesis No	\$205,425	\$102,301	\$307,726	\$307,726
6/1/12 to 5/31/13	National Institutes of Health					1
<u>Role</u>	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of		100		
Stdnt Schol	Sodhi, Komal	Phys Pharm Met/Cardio Science, Department of	***		***	
C-121743-02		Oxidative Stress on Endothelial Function No	\$23,000	\$0	\$23,000	\$23,000
7/1/11 to 6/30/12	via an Increase in HO-1 and Ac American Heart Association - Gr					
				0/ 0:0 -1:4		1
Role Stdat Sabal	Name	Department Department of Department of		<u>% Credit</u> 100		
Stdnt Schol	Angevine, Kristine Rose	Phys Pharm Met/Cardio Science, Department of		100		j

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Medicine, Coll	ege of		ing Cash eceived?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Phys Pharm Met/Ca	rdio Science, Department of						
C-122145-02	Development of a 3- to 4-year Vaccine For Wild Horses	Controlled-Release PZP Contraceptive	No	\$476,191	\$123,810	\$600,001	\$600,001
7/29/11 to 9/29/12	Bureau of Land Management						1
Role PI/PD	<u>Name</u> Turner, John	<u>Department</u> Phys Pharm Met/Cardio Science, Departm	nent of		<u>% Credit</u> 100		
C-122214-02	Receptor Na/K-ATPase Antag Renal/Cardiac Diseases	onists As Novel Therapeutics For	No	\$400,506	\$163,935	\$564,441	\$282,221
6/1/12 to 5/1/13	National Institutes of Health						
Role PI/PD PI/PD Co-I Co-I Co-I	Name Shapiro, Joseph Xie, Zi-Jian Liu, Jiang Liu, Lijun Tian, Jiang	Department Medicine, Department of Phys Pharm Met/Cardio Science, Departm Medicine, Department of Phys Pharm Met/Cardio Science, Departm Medicine, Department of			<u>% Credit</u> 50 50		
N-121746-01-A1	Na/K-ATPase Reduction in Re	enal Disease-Related Cardiac Dysfunction	No	\$250,000	\$124,500	\$374,500	\$14,980
12/15/11 to 11/30/12	2 National Institutes of Health						_
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Tian, Jiang Cooper, Christopher Liu, Jiang Liu, Lijun Shapiro, Joseph Xie, Zi-Jian	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of			<u>% Credit</u> 81 5 5 2 5 2		
N-122214-01	Receptor Na/K-ATPase Antag Renal/Cardiac Diseases	onists As Novel Therapeutics For	No	\$393,471	\$173,419	\$566,890	\$283,445
8/18/11 to 5/31/12	National Institutes of Health						_
Role PI/PD PI/PD Co-I Co-I Co-I	Name Shapiro, Joseph Xie, Zi-Jian Liu, Jiang Liu, Lijun Tian, Jiang	Department Medicine, Department of Phys Pharm Met/Cardio Science, Departm Medicine, Department of Phys Pharm Met/Cardio Science, Departm Medicine, Department of			<u>% Credit</u> 50 50		
N-122444-01		nd Cellular Events During Atherogenesis	No	\$250,000	\$124,500	\$374,500	\$374,500
	2 National Institutes of Health						1
Role PI/PD Co-I Co-I Co-I	Name Vazquez, Guillermo Abraham, Nader G. Pierre, Sandrine V. Wooten, Ronald Mark	Department Phys Pharm Met/Cardio Science, Departm Phys Pharm Met/Cardio Science, Departm Phys Pharm Met/Cardio Science, Departm Med Microbiology & Immunology, Departn	nent of nent of		<u>% Credit</u> 100		

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Medicine, Coll	ege of	Re	eporting Cash Received?	Direct Cost	Indirect Coat	-	Dept Award
•	rdio Science, Department of		<u>INECCIVEU:</u>	Direct Cost	Indirect Cost	Total Award	Credit
N-122477-01-A1 3/8/12 to 2/28/13	Inflammatory Triggers of Pol National Institutes of Health	ycystic Ovarian Syndrome	No	\$124,567	\$62,034	\$186,601	\$186,601
Role PI/PD	<u>Name</u> Hill, Jennifer E.W.	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		
N-122488-01 1/1/12 to 12/31/12	CEACAM1: A link between m National Institutes of Health	etabolic and cardiovascular diseases	No	\$263,471	\$124,292	\$387,763	\$387,763
Role PI/PD	<u>Name</u> Najjar, Sonia	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		
N-122616-01 12/1/11 to 11/30/12	Innovative Models for Mecha Genes National Institutes of Health	nistic Studies of Novel Hypertension	No	\$460,951	\$229,554	\$690,505	\$690,505
Role PI/PD	<u>Name</u> Joe, Bina	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		
N-122938-01 12/1/11 to 11/30/12	Breeding of Specific Inbred F U. S. Army Medical Research		No	\$25,026	\$12,435	\$37,461	\$37,461
Role PI/PD	<u>Name</u> Joe, Bina	<u>Department</u> Phys Pharm Met/Cardio Science, De	epartment of		<u>% Credit</u> 100		
N-123109-01 1/1/12 to 12/31/12	Molecular Mechanism of Ret Offspring of Infected Mothers F.M. Douglass Foundation	rovirus Induced lymphoma Among	No	\$22,000	\$0	\$22,000	\$22,000
Role PI/PD	<u>Name</u> Chakraborty, Joana	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		
N-123237-01 5/1/12 to 4/30/13	Chaperone handling of misfo Cystic Fibrosis Foundation	Ided CFTR in airway epithelial cells	No	\$75,000	\$0	\$75,000	\$75,000
Role PI/PD	Name Wang, Xiaodong	<u>Department</u> Phys Pharm Met/Cardio Science, De			<u>% Credit</u> 100		
N-123329-01 5/15/12 to 5/14/13	Isolation and Identification o Their Mechanism of Action Mudanjian YouBo Pharmaceut	Active Components of Shuxuetong and ical Co., Ltd.	d No	\$209,615	\$40,385	\$250,000	\$250,000
Role PI/PD	<u>Name</u> Xie, Zi-Jian	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		
T-122885-01 12/1/11 to 11/30/12	Genetics of Hypertension National Institutes of Health		No	\$170,347	\$84,833	\$255,180	\$255,180
Role PI/PD	<u>Name</u> Kumar, Ashok	<u>Department</u> Phys Pharm Met/Cardio Science, De	partment of		<u>% Credit</u> 100		

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		Repo	rting Cash				Dept Award
Medicine, Coll	ege of	<u> </u>	Received?	Direct Cost	\$124,500 \$374,5 \[\frac{\% \text{Credit}}{100} \\ \$78,327 \$241,7 \[\frac{\% \text{Credit}}{100} \\ \text{ard Count: 21.04} \[\frac{\% \text{Credit}}{100} \\ \frac{\% \text{Credit}}{100	Total Award	Credit
Phys Pharm Met/Ca	rdio Science, Department of						
T-122885-02	Genetics of Hypertension		No	\$250,000	\$124,500	\$374,500	\$374,500
12/1/11 to 11/30/12							
Role	Name_	Department			% Credit		
PI/PD	Kumar, Ashok	Phys Pharm Met/Cardio Science, Depart	tment of		100		
T-122950-04	Transcriptional Regulation of	Angiotensinogen Gene	No	\$163,373	\$78,327	\$241,700	\$241,700
2/2/12 to 6/30/12	National Heart, Lung & Blood In	stitute					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kumar, Ashok	Phys Pharm Met/Cardio Science, Depart	tment of		100		
		Sum of Department (Phys Pharm Met/Ca	rdio Scien	ce, Depa Awa	ard Count: 21.04		\$6,058,079
Psychiatry, Departm	eent of						
C-101317-07		try Residency and Training Program	No	\$28,572	¢1 /20	\$30 0 01	\$30,001
7/1/11 to 6/30/12	Ohio Department of Mental Hea		NO	φ20,312	Ψ1,423	φ30,001	φ30,001
Role		Department			% Crodit		7
PI/PD	<u>Name</u> Knox, Michele	Psychiatry, Department of					
Co-I	McBee, Jacquelyn J.	Psychiatry, Department of			100		
Co-I	Smith, Mary Kay	Psychiatry, Department of					
N-122930-01		Study of the Development of PTSD	No	\$25,000	\$0	\$25,000	\$25,000
	Following a Motor Vehicle Acc						
11/1/11 to 10/31/12	ProMedica Health System						_
<u>Role</u>	<u>Name</u>	<u>Department</u>					
PI/PD	Wang, Xin	Psychiatry, Department of			100		
Co-I	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Elhai, Jon D.	Psychology, Department of					
Co-I	Tamburrino, Marijo	Psychiatry, Department of				*	
N-122981-01	_	ry Prevention of Family Violence	No	\$12,500	\$0	\$12,500	\$12,500
11/1/11 to 10/30/12	Verizon Foundation						7
Role	<u>Name</u>	<u>Department</u>					
PI/PD	Knox, Michele	Psychiatry, Department of		*		*	<u> </u>
N-122988-01	UT Interprofessional Healthca	•	No	\$1,765,872	\$171,160	\$1,937,032	\$1,200,960
3/15/12 to 6/30/13		amily Services through Ohio State University					7
Role	Name	<u>Department</u>					
PI/PD	Smith, Mary Kay	Psychiatry, Department of					
Co-I	Bullock, Wesley A.	Psychiatry, Department of			20		
Co-I	French, Linda M.	Family Medicine, Department of			1		
Co-I	Gaspar, Timothy M.	Nursing, College of					
Co-I Co-I	Grothaus, Kay	Nursing, College of					
Co-I	Shapiro, Joseph Vasquez, Kathleen	Medicine, Department of Provost, Health Sciences					
CO-1	vasquez, Natilieen	FIUVUSI, FIEARIT SCIENCES			Ü		

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		Reporting	g Cash			I	Dept Award
Medicine, Col	lege of	Rec	eived?	Direct Cost	Indirect Cost	Total Award	Credit
Psychiatry, Departr	ment of						
R-010532-17	General Residency Training Pro	gram	No	\$38,100	\$1,900	\$40,000	\$40,000
7/1/11 to 6/30/12	Ohio Department of Mental Health	1					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, Mary Kay	Psychiatry, Department of			100		
R-101221-04	Risk and Resilience Factors for		No	\$328,110	\$114,839	\$442,949	\$442,949
	Psychopathology and Post Con						
10/1/11 to 9/30/12	U. S. Army Medical Research and Cleveland	Materiel Command through University Hospit	als of				
Role	Name	Department			% Credit		
PI/PD	Tamburrino, Marijo	Psychiatry, Department of			100		
Co-I	Fine, Thomas	Psychiatry, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					
		Sum of Department (Psychiatry	, Depart	ment of) Awa	ard Count: 5.62		\$1,751,410
Public Hlth/Homela	nd Security, Department of		-	-			
C-101313-07	Occupational Health Training G	rant	No	\$52,473	\$2,180	\$54,653	\$54,653
7/1/11 to 6/30/12	National Institute for Occupational	Safety and Health					
Role	Name	Department			% Credit		1
PI/PD	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Security, Department	of		100		
N-122663-01		g Older Adults with Breast Cancer	No	\$2,295	\$0	\$2,295	\$2,295
		th Care System in the Real World					
7/14/11 to 6/30/12	Susan G. Komen for the Cure, No	rthwest Ohio					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fink, Brian N.	Public Hlth/Homeland Security, Department	of		100		
Co-I	Miller, Barbara Kopp			*			<u> </u>
N-122739-01	Direct Observation of Local Pub	•	No	\$11,000	\$0	\$11,000	\$11,000
2/1/12 to 1/31/13	Robert Wood Johnson Foundation Medical Center	n through Case Western Reserve University/Ca	ase				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fink, Brian N.	Public Hlth/Homeland Security, Department			100		
Co-I	Saltzman, Barbara	Public Hlth/Homeland Security, Department	of				
R-108849-05		the University of Toledo and The Board	Yes	\$65,123	\$6,512	\$71,636	\$71,636
	of Lucas County Commissioner						
6/1/10 to 5/31/12	Board of County (Lucas) Commis	sioners					1
Role	<u>Name</u>	Department			% Credit		
PI/PD	Boardley, Debra J.	Public Hlth/Homeland Security, Department	of		100		
		Sum of Department (Public Hlth/Homeland	Securit	y, Depar Awa	ard Count: 4.00		\$139,584

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Radiation Oncology, Department of

Medicine, Col	lege of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Radiation Oncology	v. Department of						
N-121660-01-A1	Feasibility of a New Thermo-bra Brachytherapy and Hypertherm	achytherapy Seed for Concurrent lia Treatments in Prostate Cancer	No	\$49,765	\$19,803	\$69,568	\$69,568
9/1/11 to 8/31/12		igh Best Medical International, Inc.			21.0		1
Role PI/PD Co-I Co-I	<u>Name</u> Parsai, E Ishmael Feldmeier, John Shvydka, Diana	Department Radiation Oncology, Department of Radiation Oncology, Department of Radiation Oncology, Department of			<u>% Credit</u> 100		
N-122879-01	Joint Initiative in a New Type of	o, ,	No	\$75,191	\$37,445	\$112,636	\$56,318
6/6/12 to 6/5/13	Nuclear Regulatory Commission			. ,	. ,	. ,	. ,
Role PI/PD Co-I Co-I	<u>Name</u> Feldmeier, John Anderson, Lawrence S. Shvydka, Diana	Department Radiation Oncology, Department of Physics and Astronomy, Department of Physics and Astronomy, Department of			<u>% Credit</u> 50 50		
<u></u>	·	Sum of Department (Radiation Onco	logy, Depart	ment of) Awa	ard Count: 1.50		\$125,886
Radiology, Departn	nent of	, ,		·			
N-122744-01 5/2/11 to 5/1/12	A Multi-Center Double-Blind Pa	rallel-Group Placebo-Controlled Study Feriflunomide In Patients With Relapsing ated With Interferon-Beta	Yes g	\$3,740	\$1,010	\$4,750	\$1,425
Role	Name	Department			% Credit		1
PI/PD	Koffman, Boyd	Neurology, Department of			30		
Co-I	Cole, Kimberly A.	Neurology, Department of			20		
Co-I	Elsamaloty, Haitham M.	Radiology, Department of			30		
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of			20		
		Sum of Department (Radio	logy, Depart	ment of) Awa	ard Count: 0.30		\$1,425
Resid Prgm-Medici	ne						
N-101598-01	PRECISION: Prospective Rand Integrated Safety vs. Ibuprofen		Yes	\$18,966	\$4,742	\$23,708	
4/6/07 to 4/5/13	Pfizer, Inc. through INC Research						,
Role PI/PD Co-I Co-I Co-I Co-I Stdnt Schol	Name Akpunonu, Basil Bittar, Samih Bruhl, Steven Hinch, Bryan Thomas Vijendra, Divya Baas, Tiffany Renee	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 100		

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Medicine, Coll	ege of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Resid Prgm-Medicii	 ne			<u> </u>	<u></u>		<u> </u>
N-120191-01 1/15/08 to 1/14/12	A 104-week, Randomized, Dou Comparing Effects of Treatmen Atorvastatin 80 mg on Atheros	clerotic Disease Burden Measured by with Coronary Artery Disease Who	Yes	\$16,142	\$4,036	\$20,178	\$2,018
Role PI/PD Co-I Co-I Co-I Co-I	Name Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 70 10 10 10		
N-120829-01 1/23/09 to 1/22/13	Cardiovascular Outcomes afte	oo Controlled Clinical Trial to Evaluate r Treatment with Sitagliptin in Patients and Inadequate Glycemic Control on Duke University	Yes	\$22,832	\$5,708	\$28,540	
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 100		
N-121503-01	Cordis CYPRESS Trial (P09-63	01)	Yes	\$8,240	\$2,060	\$10,300	
	2 Cordis Corporation						1
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 100		
N-121592-01 2/24/10 to 2/23/13	A Randomized, Multicenter, Do Study of the Effects of JNJ-284	ouble-Blind, Parallel, Placebo-Controlled 31754 on Cardiovascular Outcomes in betes Mellitus (The CANVAS Trial)	l Yes	\$22,869	\$5,717	\$28,587	
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 100		

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Medicine, Coll	logo of	Re	porting Cash			-	Dept Award
			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-121817-01 5/12/10 to 5/11/13	A Phase IIIB Multicenter, Dou Study, Evaluating the Effect of			\$44,566	\$8,913	\$53,479	\$3,209
Role PI/PD Co-I Co-I Co-I N-121903-01	Name Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine I "EXenatide Study of Cardiovascular	Yes	\$10,878	% Credit 88 3 3 3 3 3	\$13,815	\$276
8/16/10 to 8/15/13	Event Lowering Trial (EXSCE Amylin Phamaceuticals, Inc. the	L)"	.00	ψ10,010	Ψ2,001	\$10,010	\$275
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine			% Credit 95 3 2		
N-122784-01 9/14/11 to 9/13/12	A Prospective, Multicenter, S	ingle Blind, Randomized, Controlled Tria Coated Balloon vs. Standard Balloon	al Yes	\$4,232	\$1,143	\$5,375	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T.	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 70 15		
N-122787-01	Self-expanding Astron and As	moral Atherosclerotic Lesions Using the stron Pulsar Stents	e Yes	\$9,638	\$2,602	\$12,240	
9/3/11 to 9/2/13 Role PI/PD Co-I Co-I Co-I	Biotronik, Inc. Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T.	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 100		

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Medicine, Col	lege of	<u> </u>	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Resid Prgm-Medici	ne						
N-123060-01	Breviblock Observational Regist	try	Yes	\$1,181	\$319	\$1,500	\$60
11/17/11 to 11/16/1	2 Baxter Healthcare Corporation			. ,	·	. ,	·
Role	Name	Department			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			89		
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine			1		
Co-I	Assaly, Ragheb	Medicine, Department of			1		
Co-I	Avasthi, Salil	Resid Prgm-Medicine			1		
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of			1		
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine			1		
Co-I	Lanka, Kiranmayee	Medicine, Department of			1		
Co-I	Olson, Dan	Medicine, Department of			1		
Co-I	Safi, Fadi Alil	Medicine, Department of			1		
Co-I	Singh, Surender	Resid Prgm-Medicine			1		
Co-I	Willey, James	Medicine, Department of			1		
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of			1		
Resid Prgm-Neuros		Sum of Department	(Resid Prgm-M	•	ard Count: 0.22		\$5,563
N-101508-01	Novartis Protocol No. CFTY720D	02309	Yes	\$27,513	\$6,878	\$34,391	
2/26/07 to 9/30/11	Novartis						
Role	Name	Department			% Credit		1
PI/PD	Koffman, Boyd	Neurology, Department of			100		
Co-I	Hafeez, Faizan	Neurology, Department of					
Co-I	Pirzada, Noor	Neurology, Department of					
Co-I	Ramirez, Mark	Resid Prgm-Neurosciences					
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of					
N-120172-01	Trial to Assess the Effects of SC	H 530348 in Preventing Heart Attac	k Yes	\$2,600	\$650	\$3,250	
	and Stroke in Patients with Athe	rosclerosis (Study P04737)					
2/27/08 to 2/26/12	Schering Plough Research Institut	e					_
Role	Name	Department			% Credit		
PI/PD	Tietjen, Gretchen	Neurology, Department of			100		
Co-I	Burket, Mark	Medicine, Department of					
Co-I	Li, Hongyan	Resid Prgm-Neurosciences					
Co-I	Nazzal, Munier M.S.	Surgery, Department of					
N-121712-01	Efficacy and Safety of Eslicarba	zepine Acetate (BIA 2-093) as Adjun	ctive Yes	\$10,579	\$0	\$10,579	
	Therapy for Refractory Partial Se			,		. ,	
3/10/10 to 3/9/12	Sepracor						
Role	Name	Department			% Credit		
PI/PD	Ali, Imran	Neurology, Department of			100		
Co-I	Li, Hongyan	Resid Prgm-Neurosciences					
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of					
l .	· · · · · · · · · · · · · · · · · · ·						1

Medicine, Coll	lege of	Re	porting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Resid Prgm-Neuros				<u>Direct Goot</u>	manoot oot	<u>Total / Wara</u>	<u>010011</u>
N-122000-01 5/14/10 to 5/13/13	A Multi-Center, Double-Blind, Ra Controlled Study to Assess the		Yes	\$34,334	\$8,584	\$42,918	
Role PI/PD Co-I	Name Elmer, Lawrence Nicholas-Bublick, Selena C.	Department Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122176-01 12/8/10 to 7/7/13	Droxidopa In Subjects With Prin	ly To Assess The Long-Term Safety O nary Autonomic Failure, Dopamine Be Diabetic Neuropathy And Symptomat nsion	eta	\$18,504	\$4,996	\$23,500	
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Nicholas-Bublick, Selena C.	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122200-01 3/31/11 to 3/30/13		llel-group, placebo-controlled study t of desmoteplase in acute ischemic	o Yes	\$5,315	\$1,435	\$6,750	
Role PI/PD Co-I	<u>Name</u> Tietjen, Gretchen Li, Hongyan	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122252-01 3/16/11 to 3/15/12	A Randomized, Double-blind, Pl Parallel-group Study to Evaluate Brivaracetam in Subjects (greate with Partial Onset Seizures (Pha UCB Biosciences	e the Efficacy and Safety of er than or equal to 16 to 80 years old)	Yes	\$13,623	\$3,678	\$17,301	\$2,595
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of			<u>% Credit</u> 55 15 15 15		

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Medicine, Col	lege of	<u>Re</u>	eporting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Resid Prgm-Neuros	sciences						
N-122627-01 3/25/11 to 3/24/13	Phase 3, OPEN-LABEL, MULTIC EVALUATE THE LONG-TERM S BRIVARACETAM USED AS ADJ	ENTER, FOLLOW-UP STUDY TO AFETY AND EFFICACY OF UNCTIVE TREATMENT IN SUBJECTS ITH PARTIAL ONSET SEIZURES	Yes	\$2,362	\$638	\$3,000	\$1,500
Role PI/PD Co-I Co-I Co-I	Multi-Center Trial Of Pregabalin	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences lacebo-Controlled, Parallel-Group, Cras Adjunctive Therapy In Adult	Yes	\$4,331	% Credit 30 20 30 20 30 20 \$1,169	\$5,500	\$5,500
3/1/11 to 2/28/13	Patients With Partial Onset Seiz Pfizer, Inc.	ures					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Li, Hongyan Ali, Imran Cole, Kimberly A. Ramsey-Williams, Vicki A.	<u>Department</u> Resid Prgm-Neurosciences Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122778-01 2/16/12 to 2/15/13	A Double-blind, Randomized, Pl Parallel-group Study with an Op the Efficacy and Safety of Adjur Generalized Tonic-Clonic Seizu Eisai Inc.	oen-label Extension Phase to Evaluate active Perampanel in Primary	Yes e	\$6,457	\$1,743	\$8,200	\$4,920
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122779-01 1/5/12 to 1/4/13	A Phase 2, Multicenter, Double-	Blind, Randomized, Adjunctive uate the Efficacy and Safety of YKP3	Yes 089	\$15,965	\$4,311	\$20,276	\$4,055
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 70 10 10 10		

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Madiaina Cal	lawa of	<u>R</u> (eporting Cash			<u>1</u>	Dept Award
Medicine, Col	lege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Resid Prgm-Neuros							
N-122780-01 10/6/11 to 10/5/12	• •	uble Blind, Placebo-Controlled, o Evaluate the Efficacy and Safety of in Patients with Refractory Partial-Or		\$2,362	\$638	\$3,000	\$1,800
Role PI/PD Co-I Co-I	Name Ali, Imran Cole, Kimberly A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences			% Credit 30 10 30		
Co-I	Li, Hongyan Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences Resid Prgm-Neurosciences			30		
N-122781-01 10/6/11 to 10/5/12	Open-Label Extension Study to	·	Yes es	\$2,362	\$638	\$3,000	\$1,800
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-123247-01 3/12/12 to 3/11/13	Efficacy of Eslicarbazepine Ace	torical Control Study of the Safety an etate Monotherapy in Subjects with olled by Current Antiepileptic Drugs	d Yes	\$8,465	\$2,285	\$10,750	
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		
		Sum of Department (Resid	Prgm-Neuros	ciences) Awa	ard Count: 3.65		\$22,170

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Surgery, Department of

Medicine, Coll	lege of	<u>Re</u>	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Surgery, Departmen	nt of			<u> </u>			<u> </u>
C-122062-02		Common to COPD and Lung Cancer	No	\$324,599	\$141,014	\$465,613	
5/17/12 to 4/30/13	National Heart, Lung & Blood Inst	itute					
Role	Name	Department			% Credit		
PI/PD	Willey, James	Medicine, Department of			100		
Co-I	Apostolis, Michael A.	·					
Co-I	Arenberg, Douglas						
Co-I	Assaly, Ragheb	Medicine, Department of					
Co-I	Hammersley, Jeffrey	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-I	Jett, James						
Co-I	Khuder, Sadik	Medicine, Department of					
Co-I	Lanka, Kiranmayee						
Co-I	Massion, Pierre						
Co-I Co-I	Midthun, David Nana-Sinkam, Patrick						
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Safi, Fadi Alil	Medicine, Department of					
Co-I	Schwann, Thomas A.	Surgery, Department of					
Co-I	Simoff, Michael	odigery, Department of					
Co-I	Singh, Surender						
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of					
N-100685-01		lled, Multi-center Clinical Trial of	Yes	\$14,731	\$3,683	\$18,413	
11 100000 01		3 as Post-chemotherapy Consolidatio		Ψ1-1,1-0.1	φο,σσσ	Ψ10,110	
	for Epithelial Carcinoma of Ova		·••				
3/13/03 to 7/31/08	Unither Pharmaceuticals. Inc.	rian, rabaror romonoarongm					
Role	Name	Department			% Credit		
PI/PD	Andrews, Stephen J.	Obstetrics & Gynecology, Departmen	t of		100		
Co-I	Fanning, James	Obstetrics & Gynecology, Department			100		
Dir Ctr/Inst	Braun. Donald P.	Surgery, Department of	it Oi				
N-100704-01-W16	,	duced by Mainstream Cigarette Smok	e No	\$519,988	\$12,450	\$532,438	\$532,438
14-100/04-01-44/10	(MCS) in Mice	duced by Mainstream Cigarette Omok	. 110	ψ515,500	Ψ12,730	Ψ332,730	ψ33 2 , 1 30
11/1/10 to 4/29/13	National Cancer Institute						
		Department			0/ Cradit		1
Role PI/PD	Name	Department			% Credit		
	Crist, Keith	Surgery, Department of		****	100	4000 000	
N-100704-01-W17	•	ve Agents In A Spontaneous Estroger	n No	\$387,179	\$12,450	\$399,629	\$399,629
7/4/44 1- 0/00/40	Receptor-Positive Breast Cance	er Model					
7/1/11 to 6/30/12	National Cancer Institute						7
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Crist, Keith	Surgery, Department of			100		

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Medicine, Coll	ege of		rting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Surgery, Departmer	nt of	-		<u> </u>			<u> </u>
N-100704-01-W18		filing for Comprehensive Discovery of Drug Actions in vivo	No	\$298,000	\$12,450	\$310,450	\$310,450
7/1/11 to 6/30/12	National Cancer Institute						1
Role PI/PD	<u>Name</u> Crist, Keith	<u>Department</u> Surgery, Department of			<u>% Credit</u> 100		
N-101051-01	Outcomes and Prognosis in Pat Lymphoma	y: An Observational Study of Treatment ients with Follicular Non-Hodgkin's	, Yes	\$400	\$100	\$500	
9/29/04 to 9/28/12	Genentech, Inc.	Description			0/ 0		1
Role PI/PD	<u>Name</u> Mohamed, Iman E.	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
Co-I	Chaudhary, Rekha	Medicine, Department of			100		
Co-I	Skeel, Roland	Medicine, Department of					
Co-I	Veltri, Salvatore	Medicine, Department of					
Dir Ctr/Inst	Braun, Donald P.	Surgery, Department of					<u></u>
N-101088-01	Carotid Revascularization Enda	•	Yes	\$4,800	\$1,200	\$6,000	\$6,000
1/3/05 to 1/2/11	National Institute of Neurological I Dentistry of New Jersey	Disorders and Stroke through University of	Medicine &				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Nazzal, Munier M.S.	Surgery, Department of			100		
Co-I	Abbas, Jihad T.	Surgery, Department of					
Co-I	Burket, Mark	Medicine, Department of					
Co-I Co-I	Hafeez, Faizan Ramsey-Williams, Vicki A.	Neurology, Department of Neurology, Department of					
Co-I	Tietjen, Gretchen	Neurology, Department of Neurology, Department of					
N-119861-01		Protection in Patients at High Risk for	Yes	\$1,280	\$320	\$1,600	\$1,600
11 110001 01	Endarterectomy	Totoblon in Fatients at riight trisk for	103	Ψ1,200	ΨΟΣΟ	Ψ1,000	Ψ1,000
10/15/07 to 10/14/1	2 Cordis Corporation						
Role	Name	Department			% Credit		
PI/PD	Nazzal, Munier M.S.	Surgery, Department of			100		
Co-I	Abbas, Jihad T.	Surgery, Department of					
N-120172-01		CH 530348 in Preventing Heart Attack	Yes	\$2,600	\$650	\$3,250	
- 44	and Stroke in Patients with Athe						
2/27/08 to 2/26/12	Schering Plough Research Institu						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tietjen, Gretchen	Neurology, Department of			100		
Co-I Co-I	Burket, Mark	Medicine, Department of Resid Prgm-Neurosciences					
Co-I	Li, Hongyan Nazzal, Munier M.S.	Surgery, Department of					
<u> </u>	Nazzai, Maillei M.O.	Cargory, Dopartment of					J

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Medicine, Coll	lege of	Rep	orting Cash Received?	Direct Cost	Indirect Cost	<u> </u> Total Award	Dept Award Credit
Surgery, Departmen	nt of						
N-120974-01 4/23/09 to 4/22/10	· · · · · · · · · · · · · · · · · · ·		Yes	\$4,400	\$1,100	\$5,500	\$5,500
Role PI/PD Co-I Co-I	<u>Name</u> Nazzal, Munier M.S. Abbas, Jihad T. Zelenock, Gerald B.	<u>Department</u> Surgery, Department of Surgery, Department of Surgery, Department of			<u>% Credit</u> 100		
N-121535-01	Study to Evaluate the Efficacy ar	ized, Double-Blind, Placebo-Controlled nd Safety of Peramivir Administer ndard of Care in Adults and Adolescentious Influenza		\$59,352	\$0	\$59,352	
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Hammersley, Jeffrey Apostolis, Michael A. Assaly, Ragheb Avasthi, Salil Bauer, Rebecca Brickman, Kristopher R. Duggan, Joan Hernandez, Dawn-Alita R. Kanjwal, Mohammed Y. Lanka, Kiranmayee Olson, Dan Safi, Fadi Alil Singh, Surender Willey, James Yoon-Krawczyk, Youngsook	Department Medicine, Department of			% Credit 100		

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Medicine, Colle	ege of	Re	porting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Surgery, Departmen				<u>Direct Cost</u>	indirect Cost	<u>Total / twara</u>	Orcan
N-122062-01		Common to COPD and Lung Cancer	No	\$384,531	\$167,341	\$551,872	
7/1/11 to 4/30/12	National Heart, Lung & Blood Ins	titute					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Willey, James	Medicine, Department of			100		
Co-I	Arenberg, Douglas	•					
Co-I	Assaly, Ragheb	Medicine, Department of					
Co-I	Avasthi, Salil						
Co-I	Hammersley, Jeffrey	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-I	Jett, James	·					
Co-I	Kanjwal, Mohd Shaffi						
Co-I	Khuder, Sadik	Medicine, Department of					
Co-I	Lanka, Kiranmayee	·					
Co-I	Massion, Pierre						
Co-I	Midthun, David						
Co-I	Nana-Sinkam, Patrick						
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Schwann, Thomas A.	Surgery, Department of					
Co-I	Simoff, Michael						
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of					
N-122175-01		n and Treatment of STEMI (ALERTS)	Yes	\$6,125	\$0	\$6,125	\$3,063
	Randomized Trial	,		* - ,	•	, ,	,
3/11/11 to 3/10/12	Angel Medical Systems, Inc.						
Role	Name	Department			% Credit		
PI/PD	Schwann, Thomas A.	Surgery, Department of			25		
Co-I	Cooper, Christopher	Medicine, Department of			25		
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of			25		
Co-I	Omer, Shuab	Surgery, Department of			25		
N-122204-01	Descending Thoracic Aortic Ar	neurysm Endovascular Repair Post	Yes	\$4,134	\$1,116	\$5,250	\$5,250
	Approval Study (THRIVE)	•		. ,	. ,	. ,	. ,
12/7/10 to 12/6/11	Medtronic Vascular, Inc.						
Role	Name	Department			% Credit		
PI/PD	Nazzal, Munier M.S.	Surgery, Department of			60		
Co-I	Abbas, Jihad T.	Surgery, Department of			30		
Co-I	Zelenock, Gerald B.	Surgery, Department of			10		
N-122373-01	·	f the Crux Inferior Vena Cava Filter	Yes	\$11,272	\$3,044	\$14,316	\$14,316
	System ("Rretrieve")			Ţ, _	+-,	, ,,,,,,	Ţ,c . o
12/14/10 to 12/13/12	2 Crux BioMedical, Inc through Tole	edo Hospital					
	- Crax Biomodical, mo unough for						
Role		•			% Credit		
Role PI/PD	Name Nazzal, Munier M.S.	Department Surgery, Department of			<u>% Credit</u> 50		

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Medicine, Coll	ege of	<u>Re</u> p	orting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Surgery, Departmen	nt of						
N-122900-01	Multi-Institutional Study of the E Hybrid Procedure vs CABG	ffectiveness of the Robotic Assisted	Yes	\$47,244	\$12,756	\$60,000	\$60,000
1/1/12 to 12/31/12	University of Maryland at Baltimore						-
Role PI/PD Co-I	<u>Name</u> Schwann, Thomas A. Bonnell, Mark	Department Surgery, Department of Surgery, Department of			<u>% Credit</u> 75 25		
N-122930-01 11/1/11 to 10/31/12	A Preliminary Neuroimaging Students Following a Motor Vehicle Accide ProMedica Health System		No	\$25,000	\$0	\$25,000	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Wang, Xin Brickman, Kristopher R. Elhai, Jon D. Tamburrino, Marijo	Department Psychiatry, Department of Surgery, Department of Psychology, Department of Psychiatry, Department of			<u>% Credit</u> 100		
N-123314-01 5/1/12 to 4/30/13	Preclinical Evaluation of Photody Chronic Sinusitis ProMedica Health System	ynamic Therapy for the Treatment of	No	\$25,000	\$0	\$25,000	\$6,250
Role PI/PD Co-I Co-I Co-I	Name Baugh, Reginald F. Boddu, Sai Hanuman Sagar Cameron, Brent D. Fournier, Ronald L.	Department Surgery, Department of Pharmacy Practice, Department of Bioengineering, Department of Pathology, Department of			% Credit 25 25 25 25 25		
N-123370-01 5/15/12 to 9/15/12	· · · · · · · · · · · · · · · · · · ·	nagement and Barriers to Patient Car	e No	\$3,000	\$0	\$3,000	\$0
Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol	Name Crist, Keith Paat, Richard A. Cogorno, Steven Hulme, Ann Elizabeth Kwong, Helaine J.	Department Surgery, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 0 100		
Urology, Departmen	nt of	Sum of Department (Sui	gery, Depart	ment of) Awa	ard Count: 9.75		\$1,344,496
C-121527-03	Improvement in Paired Donation	Program	No	\$252,633	\$98,421	\$351,054	
5/1/12 to 4/30/13	National Institutes of Health						_

Med Microbiology & Immunology, Department of Urology, Department of Medicine, Department of

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Department

Role PI/PD Co-I

Statistician

<u>Name</u>

Khuder, Sadik

Stepkowski, Stanislaw M. Rees, Michael A.

% Credit

100

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

Sum of College (Medicine, College of) Award Count: 197.74 \$21,889,759

Natural Science	ces & Mathematics, Col	lege of	eporting Cash	-		-	Dept Award
Biological Sciences	<u> </u>	lege oi	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
C-109000-08	Biomonitoring of Nutritional an	d Environmental Stress in Plants	No	\$94,912	\$9,491	\$104,403	\$10,440
3/16/11 to 3/15/12	U.S. Department of Agriculture						,
Role PI/PD Co-I	Name Heckathorn, Scott Alan Gray, John	<u>Department</u> Environmental Sciences, Department Biological Sciences, Department of	t of		<u>% Credit</u> 90 10		
C-110094-05	Locomotion in Parasitic Nemat	odes	No	\$220,523	\$97,030	\$317,553	\$317,553
2/1/12 to 1/31/13	National Institute of Allergy & Infe	ctious Diseases					
Role PI/PD PI/PD Co-I	Name Komuniecki, Richard Komuniecki, Richard Bamber, Bruce A.	<u>Department</u> Biological Sciences, Department of Graduate Studies, College of Biological Sciences, Department of			<u>% Credit</u> 100 0 0		
C-121364-02	Role of JAK2-PAK1 Interaction	in Prolactin-Dependent Signaling	No	\$205,425	\$93,468	\$298,893	\$298,893
9/1/11 to 8/31/12	National Institutes of Health						
Role PI/PD Co-I	<u>Name</u> Diakonova, Maria Leaman, Douglas W.	<u>Department</u> Biological Sciences, Department of Biological Sciences, Department of			<u>% Credit</u> 100 0		
C-121388-03	VHS Yellow Perch Aquaculture	ARS 2010	No	\$160,600	\$0	\$160,600	\$52,998
7/1/11 to 6/30/12	U.S. Department of Agriculture th	rough University of Wisconsin-Milwauke	e				
Role PI/PD Co-I Co-I	Name Stepien, Carol Leaman, Douglas W. Willey, James	<u>Department</u> Lake Erie Soil and Water Research a Biological Sciences, Department of Medicine, Department of	nd Education (Center	<u>% Credit</u> 34 33 33		
C-122131-02	Assembly, Disassembly and Fu	nction of the Mitotic Checkpoint	No	\$146,535	\$66,673	\$213,208	\$213,208
3/1/12 to 2/28/13	Complex National Science Foundation						
Role PI/PD	<u>Name</u> Liu, Song-Tao	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
N-122550-01	Regulation of Sororin Function	by Mitotic Phosphorylation	No	\$300,000	\$136,500	\$436,500	\$436,500
4/1/12 to 3/31/13	National Institutes of Health						
Role PI/PD	<u>Name</u> Taylor, William R.	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		

Dept Award

Credit

		Repo	orting Cash				Dept Award
Natural Science	ces & Mathematics, Co	ollege of	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Biological Sciences	, Department of						
N-122715-01	Electrophysiology of C. elega	ns Behavioral Circuitry	Yes	\$30,000	\$0	\$30,000	\$30,000
9/1/11 to 8/31/12	Whitehall Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bamber, Bruce A.	Biological Sciences, Department of			100		
N-123315-01		BBR3378: A Novel Aza-anthrapyrazole to	No	\$25,000	\$0	\$25,000	\$12,500
E/4/40 to 4/00/40	Treat Multiple Sclerosis						
5/1/12 to 4/30/13	University of Toledo Foundation				0/ 0 = -1:4		1
Role PI/PD	<u>Name</u> Hacker, Miles P.	<u>Department</u> Pharmacology, Department of			<u>% Credit</u> 50		
Co-I	Quinn, Anthony	Biological Sciences, Department of			50 50		
R-110081-04		to Identify Gene Regulatory Networks in	No	\$526,701	\$237,519	\$764,220	\$764,220
	the Grasses	io identify conditions in the income in		4020,101	4201,010	4.0.,0	Ų. U.,U
1/15/12 to 12/31/12	National Science Foundation th	rough Ohio State University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gray, John	Biological Sciences, Department of			100		
R-110261-05	Examination of Factors Influe	ncing Virus Disease in Floriculture Crops	No	\$181,818	\$18,182	\$200,000	\$200,000
7/1/11 to 6/30/12	U.S. Department of Agriculture						-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Leisner, Scott M.	Biological Sciences, Department of			100		
		Sum of Department (Biological Scien	ces, Depart	ment of) Awa	ard Count: 7.93		\$2,336,312
Chemistry, Departm	nent of						
C-120014-03		thway Inhibitors as Novel Antibiotics	No	\$247,500	\$112,613	\$360,113	\$216,068
5/1/12 to 4/30/13	National Institutes of Health			4 = 11,500	4 2 , 3 . 3	4 000,110	4 _10,000
Role	Name	Department			% Credit		
PI/PD	Viola, Ronald	Chemistry, Department of			60		
Co-I	Erhardt, Paul W.	Center for Drug Design and Developme	nt		40		
C-121601-02	REU Site Exploring Structure	of Molecules and Materials	No	\$89,229	\$11,250	\$100,479	\$100,479
7/1/11 to 6/30/12	National Science Foundation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Mueser, Timothy	Chemistry, Department of			50		
Co-I	Lind, Cora	Chemistry, Department of		* 405.000	50	\$404.075	0400 405
N-122724-01	_	ulence in Gram-negative Pathogens	No	\$125,000	\$56,875	\$181,875	\$109,125
5/1/12 to 4/30/13	National Institutes of Health	Department			0/ 0 == 111		1
Role PI/PD	<u>Name</u> Blumenthal, Robert	<u>Department</u> Med Microbiology & Immunology, Depa	rtmont of		<u>% Credit</u> 40		
PI/PD	Viola, Ronald	Chemistry, Department of	i tirilerit Oi		40 60		
. "/ . D	viola, itoliaia	Shormony, Dopartinont of			00		j

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Chemistry Department of Designing Enzyme Replacement Therapy for the Treatment of Canavan No \$11,880 \$11,880 \$11,880 \$11,880 \$11,880 \$11,880 \$11,880 \$11,880 \$12,880 \$12,811 \$13,012 \$1,000	Natural Science	ces & Mathematics, Colle		ing Cash	D:			Dept Award
N-122856-01 Designing Enzyme Replacement Therapy for the Treatment of Canavan No \$11,880 \$0 \$11,880 \$11,880 \$11,880 \$12,880 \$1		•	Cgc Oi	eceiveu :	Direct Cost	indirect Cost	<u>Iotal Award</u>	Credit
Role Name Department Chemistry, Department Surprise Su		Designing Enzyme Replacement	t Therapy for the Treatment of Canavan	No	\$11,880	\$0	\$11,880	\$11,880
PIPP	12/1/11 to 11/30/12	Jacob's Cure Foundation						
No. 1948 1	Role	<u>Name</u>	<u>Department</u>			% Credit		
A/18/12 to 11/19/12 U.S. Department of Energy through Suganit Systems, Inc. Role	PI/PD	Viola, Ronald	Chemistry, Department of			100		
Role Name Department Scotor Social S	N-122883-01	Direct Catalytic Conversion of L	ignin to Aromatic Chemicals	No	\$34,364	\$15,636	\$50,000	\$25,000
PIPP Mason, Mark R	4/18/12 to 11/19/12	U.S. Department of Energy throug	h Suganit Systems, Inc.					
Co-I Varanasi, Sasidhar Chemical and Environmental Engineering, Department of 50	Role	<u>Name</u>	Department			% Credit		
S-121470-01-S2 Creating a Learning Community for Solutions to Climate Change No \$8,769 \$3,990 \$12,759	PI/PD	Mason, Mark R.				50		
Role Name Department Chemistry Department Science Sum of Department Chemistry Department Sum of Department Chemistry Department Council 4.70 \$475,31'	Co-I	Varanasi, Sasidhar	Chemical and Environmental Engineering,	, Departme	ent of	50		
Role PI/PD	S-121470-01-S2	Creating a Learning Community	for Solutions to Climate Change	No	\$8,769	\$3,990	\$12,759	\$12,759
PI/PD Jorgensen, Andrew D. Chemistry, Department of June	2/1/12 to 9/30/12	National Science Foundation throu	ugh National Council for Science and the Env	vironment				
Sum of Department (Chemistry, Department of) Award Count: 4.70 \$475,31:	Role	Name	Department			% Credit		
C-107389-09 Carbon Flux and Storage in Mixed Oak Forests of MOFEP No \$40,076 \$0 \$40,076 \$40,076	PI/PD	Jorgensen, Andrew D.	Chemistry, Department of			100		
C-107389-09 Carbon Flux and Storage in Mixed Oak Forests of MOFEP No \$40,076 \$0 \$40,076 \$40,076			Sum of Department (Chemistr	rv. Depart	ment of) Awa	ard Count: 4.70		\$475.311
C-107389-09 Carbon Flux and Storage in Mixed Oak Forests of MOFEP No \$40,076 \$0 \$40,076 \$40,076				,,	,			4 •,•
Role		<u> </u>						
Role PI/PD Name Department Environmental Sciences, Department of 100				No	\$40,076	\$0	\$40,076	\$40,076
PI/PD Chen, Jiquan Environmental Sciences, Department of 100 C-109000-08 Biomonitoring of Nutritional and Environmental Stress in Plants No \$94,912 \$9,491 \$104,403 \$93,963 3/16/11 to 3/15/12 U.S. Department of Agriculture Role Name Department Heckathorn, Scott Alan Environmental Sciences, Department of Gray, John Biological Sciences, Department of 10 C-120164-02 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive Species from Multiple Pathways to Improve Management and Policy in the Great Lakes National Oceanic and Atmospheric Administration through University of Notre Dame Role PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100 C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 \$1/1/12 to 12/31/12 National Science Foundation Role Name Department Sciences, Department of Sigler, William Environmental Sciences, Department of 50		,	tion					-
C-109000-08 Biomonitoring of Nutritional and Environmental Stress in Plants No \$94,912 \$9,491 \$104,403 \$93,965 \$3/16/11 to 3/15/12 U.S. Department of Agriculture Role						% Credit		
Role Name Department of Agriculture Role Name Department Role Name Department Role PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of 90 10 10 10 10 10 10 10	*							
Role PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of Gray, John Biological Sciences, Department of 10 C-120164-02 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No Species from Multiple Pathways to Improve Management and Policy in the Great Lakes 9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100 C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 \$1/1/12 to 12/31/12 National Science Foundation Role Name Department Sciences, Department of Sigler, William Environmental Sciences, Department of 50	C-109000-08	Biomonitoring of Nutritional and	I Environmental Stress in Plants	No	\$94,912	\$9,491	\$104,403	\$93,963
PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of Gray, John Biological Sciences, Department of 10 C-120164-02 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$70,300 \$31,986 \$102,286 \$102,286 \$5pecies from Multiple Pathways to Improve Management and Policy in the Great Lakes 9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100 C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 \$11/1/12 to 12/31/12 National Science Foundation Role Name Department Sciences, Department of 50	3/16/11 to 3/15/12	U.S. Department of Agriculture						_
Co-I Gray, John Biological Sciences, Department of 10 C-120164-02 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive Species from Multiple Pathways to Improve Management and Policy in the Great Lakes 9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role Name Department Environmental Sciences, Department of 100	Role	<u>Name</u>	<u>Department</u>			% Credit		
C-120164-02 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive Species from Multiple Pathways to Improve Management and Policy in the Great Lakes 9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role Name Department Environmental Sciences, Department of	PI/PD	Heckathorn, Scott Alan	Environmental Sciences, Department of					
Species from Multiple Pathways to Improve Management and Policy in the Great Lakes 9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role	Co-I	Gray, John	Biological Sciences, Department of			10		
9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame Role Name Department % Credit PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100	C-120164-02	Species from Multiple Pathways		No	\$70,300	\$31,986	\$102,286	\$102,286
Role PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100 C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 \$1/1/12 to 12/31/12 National Science Foundation Role Name Department PI/PD Sigler, William Environmental Sciences, Department of 50	9/1/11 to 8/31/12		c Administration through University of Notre	Dame				
PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100 C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 \$1/1/12 to 12/31/12 National Science Foundation Role Name Department Pi/PD Sigler, William Environmental Sciences, Department of 50				_ 41119		% Credit		
C-120433-03 Undergraduate Research and Mentoring (URM) No \$72,000 \$18,000 \$90,000 \$45,000 1/1/12 to 12/31/12 National Science Foundation Name © Credit © Credit Sigler, William Environmental Sciences, Department of 50								
1/1/12 to 12/31/12 National Science Foundation Role Name Department		*	·	Nο	\$72 000		\$90,000	\$45 000
Role Name Department % Credit PI/PD Sigler, William Environmental Sciences, Department of 50					ψ. <u>=</u> ,000	Ψ.Ο,ΟΟ	Ψ00,000	Ψ 10,000
PI/PD Sigler, William Environmental Sciences, Department of 50			Department			% Cradit		1
			 					
	Co-I	Stepien, Carol		ducation C	Center	50 50		

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		Rep	orting Cash			1	Dept Award
Natural Scien	ces & Mathematics, Co	llege of	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Environmental Scie	ences, Department of						
C-120506-03	Parameters Key to Passive Sa Sensor Technologies	Il Flow Dynamics: Identification of mpling and Application of Downhole	No	\$24,122	\$10,976	\$35,098	\$35,098
7/1/11 to 5/31/13	U.S. Department of Defense thro						1
Role PI/PD	<u>Name</u> Martin-Hayden, James M.	<u>Department</u> Environmental Sciences, Department of	of		<u>% Credit</u> 100		
C-121039-03 9/1/11 to 8/31/13	Collaborative Research: MSB: Cellulose-Lignin Interface National Science Foundation	Microbial Control of Litter Decay at the	No	\$147,131	\$64,737	\$211,868	\$211,868
Role PI/PD Co-I	<u>Name</u> Weintraub, Michael N. Moorhead, Daryl Lee	<u>Department</u> Environmental Sciences, Department of Environmental Scien			<u>% Credit</u> 75 25		
C-121468-03	Direct Assessment Using Clus	•	No	\$98,207	\$34,410	\$132,617	\$132,617
2/10/12 to 8/30/12		ugh University of Wisconsin System		400,20 .	40 1, 110	4.02 , 0	4.02 ,0
Role PI/PD	<u>Name</u> Chen, Jiquan	<u>Department</u> Environmental Sciences, Department of	of		<u>% Credit</u> 100		
C-121797-02 9/1/11 to 8/31/12		Offshore Nutrient Study (LENONS) gency through Buffalo State College	No	\$18,700	\$8,509	\$27,209	\$13,605
Role PI/PD PI/PD Co-I Co-I	Name Mayer, Christine Marie Mayer, Christine Marie Bridgeman, Thomas B. Bridgeman, Thomas B.	Department Environmental Sciences, Department of Lake Erie Soil and Water Research and Environmental Sciences, Department of Lake Erie Soil and Water Research and Cartesian Sciences.	d Education (of		% Credit 25 25 25 25 25		
N-122626-01 7/1/11 to 6/30/12	Maumee AOC, Wolf Creek: Pa Nearshore Health and Reduce U.S. Environmental Protection A		No	\$706,946	\$72,776	\$779,722	\$389,861
Role PI/PD PI/PD	Name Dwyer, Daryl Dwyer, Daryl	Department Environmental Sciences, Department of Lake Erie Soil and Water Research and		Center	<u>% Credit</u> 50 50		
N-122645-01	Openings	Invasives: Buckthorn in the Oak	No	\$13,500	\$1,350	\$14,850	\$14,850
8/3/11 to 7/30/12	Ohio Lake Erie Commission				2/ 0 "		1
Role PI/PD	<u>Name</u> Becker, Richard	<u>Department</u> Environmental Sciences, Department of	√f		<u>% Credit</u> 100		
N-122726-01	<u> </u>	s in Jazan Area, Saudi Arabia: Remote	No	\$13,976	\$6,359	\$20,335	\$20,335
7/1/11 to 7/1/12	Saudi Geological Survey through	h Western Michigan University					_
Role PI/PD	<u>Name</u> Becker, Richard	<u>Department</u> Environmental Sciences, Department of	of		<u>% Credit</u> 100		

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Natural Sciences & Mathematics, College of Received? Direct Cost Indirect Cost Total Award Creent Environmental Sciences, Department of N-122729-01 Annual GLERL-CILER Long-Term Great Lakes Fellowship Program No \$23,000 \$0 \$23,000	Indirect Cost	Direct Cost			ices & manicinancs.	aturai Scient
N-122729-01		Direct Cost	<u>erveu:</u>	lege of		
Role PI/PD Mayer, Christine Marie Environmental Sciences, Department of No. \$420,142 \$58,134 \$478,276 \$478,171 \$478,	***	***			<u>-</u>	
Role PI/PD	\$0	\$23,000		• •		
PI/PD			<u>n</u>			
N-122771-01						
Role		* * * * * * * * * * * * * * * * * * *			<u> </u>	
Role PI/PD Dwyer, Daryl Environmental Sciences, Department of 100	\$58,134	\$420,142	No	•	•	
N-123001-01				,	U.S. Forest Service throug	
N-123001-01						
National Science Foundation through Western Michigan University National Science Foundation through Western Michigan University				· •		
Name Department PI/PD Becker, Richard Environmental Sciences, Department of 100	\$1,091	\$10,909	No			-123001-01
Role Name Department Environmental Sciences, Department of 100						0/4/44 1- 0/00/40
N-123022-01	0/ 0 !!!					
N-123022-01						
Role Name Department Sciences, Department of 25		A.1. 			,	
Role Name Department PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 25	\$1,364	\$13,636	No	Perch Recruitment		
PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 25 PI/PD Bossenbroek, Jonathan Lake Erie Soil and Water Research and Education Center 25 Co-I Mayer, Christine Marie Environmental Sciences, Department of 25 Co-I Mayer, Christine Marie Lake Erie Soil and Water Research and Education Center 25 N-123224-01 NSF Personnel Mobility Program (IPA) No \$61,175 \$0 \$61,175 \$61 2/13/12 to 2/12/13 National Science Foundation Role Name Department PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of 100 S-120164-01-S1 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 \$403 \$1,290 \$1					Ohio Lake Erie Commissio	
PI/PD Bossenbroek, Jonathan Co-I Mayer, Christine Marie Environmental Sciences, Department of Mayer, Christine Marie Environmental Sciences, Department of Sciences N-123224-01 NSF Personnel Mobility Program (IPA) No \$61,175 \$0 \$61,175 \$1 \$0 \$61,175 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1						
Co-I Mayer, Christine Marie Environmental Sciences, Department of Lake Erie Soil and Water Research and Education Center N-123224-01 NSF Personnel Mobility Program (IPA) No \$61,175 \$0 \$61,175 \$61,175 \$0 \$1					•	· ·
Co-I Mayer, Christine Marie Lake Erie Soil and Water Research and Education Center 25		Senter	ucation C			· ·
N-123224-01 NSF Personnel Mobility Program (IPA) No \$61,175 \$0 \$61,175		Contor	rootion C			
2/13/12 to 2/12/13 National Science Foundation Role Name Department % Credit PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of 100 S-120164-01-S1 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 \$403 \$1,290 \$1					<u> </u>	
Role PI/PD Name Heckathorn, Scott Alan Department Environmental Sciences, Department of S-120164-01-S1 % Credit Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 % Credit Forecasting Spread Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 \$403 \$1,290 \$1	φU	Ф 01,175	NO	IIII (IPA)	•	
PI/PD Heckathorn, Scott Alan Environmental Sciences, Department of 100 S-120164-01-S1 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 \$403 \$1,290 \$1	0/ 0 "					
S-120164-01-S1 Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive No \$887 \$403 \$1,290 \$1						
		4007		•		
	\$403	\$887	No			-120164-01-S1
the Great Lakes				s to improve Management and Policy in		
9/1/10 to 8/31/11 National Oceanic and Atmospheric Administration through University of Notre Dame			ama	ric Administration through University of Notre		/1/10 to 8/31/11
	9/ Cradit		anie			
Role Name Department Mame PI/PD Bossenbroek, Jonathan Environmental Sciences, Department of 100						
S-120903-03-S1 Interactive Changes of Ecosystems and Societies on the Mongolian No \$69,444 \$30,556 \$100,000 \$100		\$60 444	No		•	
Plateau: From Coupled Regulations of Land Use and Changing Climate	\$30,556	ФОЭ,444	NO			120903-03-31
to Adaptation				tions of Land Ose and Changing Chinate		
9/19/11 to 12/31/13 National Aeronautics and Space Administration				Administration		/19/11 to 12/31/13
Role Name Department <u>% Credit</u>	% Credit					
PI/PD Chen, Jiquan Environmental Sciences, Department of 100				 :		

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Natural Science	ces & Mathematics, Co		ng Cash eceived?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Environmental Scie	nces, Department of						
S-120978-01-S2	Insect: Twig-nesting Ants	f Community Assembly Using a Tropical	No	\$7,596	\$0	\$7,596	\$7,596
3/6/12 to 8/31/12	National Science Foundation	Danastraant			0/ 0		1
Role PI/PD	Name Philpott, Stacy M.	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
S-122121-01-S1	Nearshore Fish Sampling Prog	gram Development	No	\$11,342	\$658	\$12,000	\$12,000
5/22/12 to 6/30/13	U.S. Environmental Protection A	gency through Ohio Department of Natural Re	sources				
Role PI/PD	<u>Name</u> Mayer, Christine Marie	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
5	mayer, ermemie mane	Sum of Department (Environmental Scie	nces Der	nartment Awa			\$1,802,395
		,	iices, Dep	Jaitinent Awa	ara Court. 17.30		Ψ1,002,333
	Nater Research and Education (
C-120433-03	Undergraduate Research and	Mentoring (URM)	No	\$72,000	\$18,000	\$90,000	\$45,000
1/1/12 to 12/31/12	National Science Foundation						1
Role	Name	<u>Department</u>			% Credit		
PI/PD Co-I	Sigler, William Stepien, Carol	Environmental Sciences, Department of Lake Erie Soil and Water Research and E	ducation (Contor	50 50		
C-121312-02	·	tion of a New Molecular Test for Active	No	\$41,237	\$18,763	\$60,000	\$30,000
G-121312-02	VHS Infection in Fish	non of a New Molecular Test for Active	NO	Ψ41,23 <i>1</i>	φ10,703	\$00,000	φ30,000
2/1/12 to 1/31/13		ric Administration through Ohio State Universi	ty				
Role	Name .	Department			% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and E	ducation (Center	50		
Co-I	Willey, James	Pathology, Department of			50		
C-121388-03	VHS Yellow Perch Aquaculture		No	\$160,600	\$0	\$160,600	\$54,604
7/1/11 to 6/30/12	U.S. Department of Agriculture t	hrough University of Wisconsin-Milwaukee					1
Role	Name	<u>Department</u>		. .	% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and E	ducation (Center	34 33		
Co-I Co-I	Leaman, Douglas W. Willey, James	Biological Sciences, Department of Medicine, Department of			33 33		
C-121797-02	-	Offshore Nutrient Study (LENONS)	No	\$18,700	\$8,509	\$27,209	\$13,60 5
9/1/11 to 8/31/12		gency through Buffalo State College	110	Ψ10,100	ΨΟ,ΟΟΟ	421,200	Ψ10,000
Role	Name	Department			% Credit		1
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of			25		
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and E	ducation (Center	25		
Co-I	Bridgeman, Thomas B.	Environmental Sciences, Department of		_	25		
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and E	ducation (Center	25		

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Natural Calan	and 9 Mathamatica Co	Re	porting Cash			<u>L</u>	Dept Award
	ces & Mathematics, Co		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
	Water Research and Education (<u> </u>	4	A	A
C-122052-02	Lake Erie Algal Bloom Remote		No	\$3,436	\$1,563	\$4,999	\$4,999
7/1/11 to 8/31/11	U.S. Department of Defense three						1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research a			100		<u> </u>
N-122626-01		ssive Treatment Wetland to Improve	No	\$706,946	\$72,776	\$779,722	\$389,861
7/4/44 1- 0/00/40	Nearshore Health and Reduce						
7/1/11 to 6/30/12	U.S. Environmental Protection A	<u> </u>			21.0 11.		1
Role	Name _	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Environmental Sciences, Department		2	50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research a			50	A15 000	<u> </u>
N-123022-01	Linking Land-Use and Yellow	Perch Recruitment	No	\$13,636	\$1,364	\$15,000	\$7,500
3/5/12 to 1/31/13	Ohio Lake Erie Commission						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department			25		
PI/PD	Bossenbroek, Jonathan	Lake Erie Soil and Water Research a		Center	25		
	Mayer, Christine Marie	Environmental Sciences, Department	of		25		
Co-I							
Co-I Co-I	Mayer, Christine Marie	Lake Erie Soil and Water Research a		Center	25		
			nd Education (\$545,569
Co-l	Mayer, Christine Marie	Lake Erie Soil and Water Research a	nd Education (\$545,5 6 9
Co-I Mathematics, Depa	Mayer, Christine Marie	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and	nd Education (d Water Resea	arch and Awa	ard Count: 3.84	\$21 569	•
Co-I Mathematics, Depa C-122207-02	Mayer, Christine Marie artment of Semiparametric Missing Data	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and	nd Education (\$21,569	•
Co-I Mathematics, Depa C-122207-02 3/1/12 to 2/28/13	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis	nd Education (d Water Resea	arch and Awa	\$6,745	\$21,569	•
Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency Name	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department	nd Education (d Water Resea	arch and Awa	\$6,745 % Credit	\$21,569	•
Co-I Mathematics, Depa C-122207-02 3/1/12 to 2/28/13 Role PI/PD	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of	nd Education (d Water Resea	\$14,824	\$6,745 <u>% Credit</u> 100		\$21,569
Mathematics, Depa C-122207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mip	nd Education (d Water Resea	arch and Awa	\$6,745 % Credit	\$21,569 \$329,188	\$21,569
Co-I Mathematics, Depa C-122207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of	nd Education (d Water Resea	\$14,824	\$6,745 <u>% Credit</u> 100 \$21,106		\$21,569
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department of Department of Department	nd Education (d Water Resea	\$14,824	\$6,745 \$6,745 <u>% Credit</u> 100 \$21,106 <u>% Credit</u>		\$21,569
Co-I Mathematics, Depa C-122207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Department Mathematics, Department of Mathematics, Department of	nd Education (d Water Research No	\$14,824	\$6,745 \$6,745 <u>% Credit</u> 100 \$21,106 <u>% Credit</u> 50		\$21,569
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L.	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department	No No No	\$14,824	\$6,745 \$6,745 <u>% Credit</u> 100 \$21,106 <u>% Credit</u>		\$21,569
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department Curriculum and Instruction, Department Mathematics, Department Of Curriculum and Instruction, Department Of Curriculum and Instruction Of Curriculum and Instruction Of Curriculum Analysis Office	No No ent of ent of	\$14,824	\$6,745 \$6,745 <u>% Credit</u> 100 \$21,106 <u>% Credit</u> 50 25 0		\$21,569
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L.	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department	No No ent of ent of	\$14,824	\$6,745 \$6,745 <u>% Credit</u> 100 \$21,106 <u>% Credit</u> 50 25		\$21,569
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department Curriculum and Instruction, Department Mathematics, Department Of Curriculum and Instruction, Department Of Curriculum and Instruction Of Curriculum and Instruction Of Curriculum Analysis Office	No No ent of ent of	\$14,824 \$308,082	\$6,745 \$6,745 \$6,745 \$6,745 \$100 \$21,106 \$21,106 \$50 25 0 25		\$21,569 \$164,594
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I	Mayer, Christine Marie Introduction of Semiparametric Missing Data Mational Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B.	Lake Erie Soil and Water Research and um of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department Curriculum and Instruction Curriculum and Instruction Curriculum and Curricu	No No ent of ent of	\$14,824 \$308,082	\$6,745 \$6,745 \$6,745 \$6,745 \$100 \$21,106 \$21,106 \$50 25 0 25		\$21,569 \$164,594
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I Co-I	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B.	Lake Erie Soil and Water Research and Jum of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department (Mathematics)	No No note of ent of en	\$14,824 \$308,082 ment of) Awa	\$6,745 \$6,745 \$6,745 \$6,745 \$0 \$21,106 \$21,106 \$25 0 25 0 25 ard Count: 1.50	\$329,188	\$21,569 \$164,594 \$186,163
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I	Mayer, Christine Marie Artment of Semiparametric Missing Data Mational Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B. Arony, Department of REU Site: Research Experience	Lake Erie Soil and Water Research and Jum of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department (Mathematics of Department of Department (Mathematics of Department of Department of Department (Mathematics of Department of De	No No note of ent of en	\$14,824 \$308,082	\$6,745 \$6,745 \$6,745 \$6,745 \$100 \$21,106 \$21,106 \$50 25 0 25		\$21,569 \$164,594 \$186,163
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I Co-I	Mayer, Christine Marie artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B.	Lake Erie Soil and Water Research and Jum of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department (Mathematics of Department of Department (Mathematics of Department of Department of Department (Mathematics of Department of De	No No note of ent of en	\$14,824 \$308,082 ment of) Awa	\$6,745 \$6,745 \$6,745 \$6,745 \$0 \$21,106 \$21,106 \$25 0 25 0 25 ard Count: 1.50	\$329,188	\$21,569 \$164,594 \$186,163
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I C-110005-06 5/1/12 to 4/30/13	Mayer, Christine Marie Artment of Semiparametric Missing Data National Security Agency Name Zhang, Biao The Woodward MSP Partnersh U.S. Department of Education the Name Arsie, Alessandro Shockey, Tod L. Templin, Mark Arnold Weber, William B. nomy, Department of REU Site: Research Experience Astronomy at The University of	Lake Erie Soil and Water Research and Jum of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department Curriculum and Instructi	No No note of ent of en	\$14,824 \$308,082 ment of) Awa	\$6,745 \$6,745 \$6,745 \$6,745 \$20 \$21,106 \$21,106 \$25 0 25 0 25 ard Count: 1.50 \$10,000	\$329,188	\$21,569 \$164,594 \$186,163
Co-I Mathematics, Depa C-12207-02 3/1/12 to 2/28/13 Role PI/PD R-121833-03 7/1/11 to 6/30/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Mayer, Christine Marie Introduction Introd	Lake Erie Soil and Water Research and Jum of Department (Lake Erie Soil and Analysis Department Mathematics, Department of Mathematics, Department of Department Mathematics, Department of Curriculum and Instruction, Department (Mathematics of Department of Department (Mathematics of Department of Department of Department (Mathematics of Department of De	No	\$14,824 \$308,082 ment of) Awa	\$6,745 \$6,745 \$6,745 \$6,745 \$0 \$21,106 \$21,106 \$25 0 25 0 25 ard Count: 1.50	\$329,188	\$545,569 \$21,569 \$164,594 \$186,163 \$91,500

Notural Caion	and 9 Mathematics Calley		rting Cash				Dept Award
ivaturai Scieni	ces & Mathematics, Colleg	e oi	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
	nomy, Department of						
C-120233-04		A Far-Infrared Survey with Herschel	No	\$22,834	\$10,390	\$33,224	\$33,224
1/1/12 to 9/30/13	Jet Propulsion Laboratory						
Role		<u>Department</u>			% Credit		
PI/PD		Physics and Astronomy, Department of		A 1 = 5 = 1	100	***	400.004
C-120253-04	Herschel Orion Protostar Survey (H	IOPS)	No	\$47,561	\$21,640	\$69,201	\$69,201
1/1/12 to 12/31/12	Jet Propulsion Laboratory				0/ 0 !!!		
Role		Department			% Credit		
PI/PD	<u> </u>	Physics and Astronomy, Department of	N	* 40.000	100	\$44.000	644.000
C-120503-04	AAS Scientific Editor Research Stip	pena	No	\$10,000	\$1,000	\$11,000	\$11,000
3/1/11 to 2/28/12	American Astronomical Society				0/ 0 - 11		
Role PI/PD		Department			<u>% Credit</u> 100		
C-120503-05	AAS Scientific Editor Research Stip	Physics and Astronomy, Department of	No	\$10,000		\$11,000	¢44 000
3/1/12 to 2/28/13	American Astronomical Society	Dena	NO	\$10,000	\$1,000	\$11,000	\$11,000
	•	Non-reference to			0/ Crodit		
Role PI/PD		Department Physics and Astronomy, Department of			<u>% Credit</u> 100		
C-120852-03	Novel Nanocrystal-Based Solar Cel		No	\$31,341	\$8,659	\$40,000	\$40,000
0-120032-03	Generation	to Exploit multiple Excitori	110	Ψ51,5-1	ψ0,033	Ψ+0,000	Ψ-10,000
10/1/11 to 1/31/12		ory through Alliance for Sustainable Ene	ergy LLC				
Role	Name D	Department			% Credit		
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of			100		
C-121522-03	Simulating Non-equilibrium Proces		No	\$76,389	\$33,611	\$110,000	\$110,000
_ , , , ,	Length-scales Using Parallel Accele	erated Dynamics					
9/1/11 to 8/31/12	National Science Foundation						
Role		<u>Department</u>			% Credit		
PI/PD	•	Physics and Astronomy, Department of		A 151050	100	*	A 40440 =
C-122296-02		ht Thin Film Photovoltaic Electricity	No	\$154,353	\$10,072	\$164,425	\$164,425
6/27/12 to 4/13/13	for Portable, On-Demand Power for Air Force Research Laboratory/VA	Defense Applications					
Role	•	Department			% Credit		
PI/PD		Physics and Astronomy, Department of			<u> 70 Orean</u> 0		
Co-I		Physics and Astronomy, Department of			100		
N-120253-01	Herschel Orion Protostar Survey (H		Yes	\$69,201	\$0	\$69,201	\$69,201
4/20/09 to 12/31/09							
Role	Name D	<u>Department</u>			% Credit		
PI/PD	Megeath, Samuel Thomas P	Physics and Astronomy, Department of			100		
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		<u>Reporti</u>	ng Cash			[Dept Award
Natural Science	ces & Mathematics, Co	llege of Re	eceived?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Physics and Astron	omy, Department of						
N-121359-03		olecular Clouds to Dark Clouds Through	Yes	\$35,522	\$16,162	\$51,684	\$51,684
	Ultraviolet CO Measurements						
1/1/10 to 12/31/12	National Aeronautics and Space	Administration					1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Federman, Steven R.	Physics and Astronomy, Department of		AT 0 10	100	A	<u> </u>
N-122027-01	•	Spitzer Census of Clustered Star Forming	No	\$5,343	\$2,431	\$7,774	\$7,774
7/20/11 to 12/21/12	Regions	Administration through University of Massach	ucotto				
7/20/11 10 12/31/12	Amherst	Administration unough oniversity of Massach	uselis				
Role	Name	Department			% Credit		1
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Department of			100		
N-122108-01		equence Turn-Offs and Dual Red Clumps	No	\$4,830	\$2,198	\$7,028	\$7,028
8/1/11 to 7/31/14	Space Telescope Science Institu	•		. ,	. ,	. ,	. ,
Role	Name	Department			% Credit		
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of			100		
N-122110-01	Precision Age-Dating of Star C	· · · · · · · · · · · · · · · · · · ·	No	\$14,546	\$6,619	\$21,165	\$21,165
11/1/11 to 10/31/14	Space Telescope Science Institu	ite .			. ,	. ,	
Role	Name	Department			% Credit		
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of			100		
N-122393-01	Buffer Layers for Semitranspa	rent CDTE PV	No	\$27,491	\$12,509	\$40,000	\$40,000
6/1/11 to 12/31/11	National Science Foundation thr	ough Xunlight 26					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Khare, Sanjay	Physics and Astronomy, Department of			100		
N-122763-01	<u> </u>	Cell Fabrication via Ultra-thin Absorber	No	\$68,728	\$31,272	\$100,000	\$100,000
0///// 0/00//0		and (Cd, CBD)-Free Feterojunction Partner					
9/1/11 to 2/28/13		ugh Old Dominion Unversity Research Founda	tion		0/ 0 !!!		1
Role	Name	Department			% Credit		
PI/PD N-122764-01	Collins, Robert W.	Physics and Astronomy, Department of proved Performance CdTe Solar Cells	No	¢E0 440	100	\$95 000	605 000
		•	NO	\$58,419	\$26,581	\$85,000	\$85,000
9/1/11 to 8/31/12	,	ugh University of Illinois at Chicago			0/ 0 == ======		1
Role PI/PD	<u>Name</u> Collins, Robert W.	Department Physics and Astronomy Department of			<u>% Credit</u> 100		
N-122859-01	•	Physics and Astronomy, Department of lane Utilization in Amorphous Silicon and	No	\$53,608	\$24,392	\$78,000	\$79 AAA
14-122033-01		Cell Deposition via Gas Phase Additives	NO	φυ 3,00 6	Ψ 24,392	φιο,υυυ	\$78,000
9/1/11 to 3/31/12		ugh Air Products and Chemicals, Inc.					
Role	Name	Department Department			% Credit		1
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of			100		

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Natural Sciences & Mathematics, College of Received? Direct Cost Indirect Cost Total Award Credit			Rep	orting Cash			ī	Dept Award
CiGS Solar Cell Deposition and Substrate Analysis No \$163,515 \$0 \$163,515 \$1	Natural Scien	ces & Mathematics, Co	llege of	Received?	Direct Cost	Indirect Cost		
CiGS Solar Cell Deposition and Substrate Analysis No \$163,515 \$0 \$163,515 \$1	Physics and Astroi	nomy, Department of						
Role			d Substrate Analysis	No	\$163,515	\$0	\$163,515	\$163,515
PIPD Collins, Robert W. Physics and Astronomy, Department of 100 100,002 100,002 100,002 100,002 100,002 100,002 100,002 100,002 100,002 100,002 100	9/1/11 to 8/31/12	Nippon Electric Glass	·					
No. \$18,242 \$100,002 \$100	Role	<u>Name</u>				% Credit		
Post		•		f				
Role Name Collins, Robert W. Physics and Astronomy, Department of PilyPD Theoretical Study of Lattice Defects and Transition Metal Impurities in No \$30,597 \$13,922 \$44,519 \$44,519 \$12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role Name Department of PilyPD Yan, Yanfa Physics and Astronomy, Department of 100 1		CIGS Solar Cell Deposition an	d Substrate Analysis	No	\$81,760	\$18,242	\$100,002	\$100,002
PI/PD Collins, Robert W. Physics and Astronomy, Department of Theoretical Study of Lattice Defects and Transition Metal Impurities in Si 12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC		Techneglas						•
N-122870-01 Theoretical Study of Lattice Defects and Transition Metal Impurities in Si Si Si Si Si Si Si S				_				
Si 12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role Name Department PI/PD Yan, Yanfa Physics and Astronomy, Department of 100		•						
12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role Name Department No No No No No No No N	N-122870-01		efects and Transition Metal Impurities in	No	\$30,597	\$13,922	\$44,519	\$44,519
Role	12/20/11 to 12/10/1	<u> </u>	ugh Alliance for Sustainable Energy I.I.C					
Pi/PD Yan, Yanfa Physics and Astronomy, Department of 100						% Cradit		1
No.				f				
Role Name Department Feldmeier, John Radiation Oncology, Department of So So So So So So So		•			\$75 191		\$112 636	\$56.318
Role PI/PD Feldmeier, John Radiation Oncology, Department of 50 50 Co-l Anderson, Lawrence S. Physics and Astronomy, Department of 50 Shvydka, Diana Physics and Astronomy, Department of Style Pi/PD					Ψ. Ο, . Ο .	ψοτ,-ι-ιο	Ψ112,000	ψου,στο
PI/PD						% Credit		1
Co-I								
Co-I Shvydka, Diana Physics and Astronomy, Department of				f				
12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role PI/PD	Co-I	Shvydka, Diana						
Role Name Department Pl/PD Yan, Yanfa Physics and Astronomy, Department of 100	N-122893-01	Electron Microscopy Study of	Photovoltaic Materials	No	\$76,012	\$19,763	\$95,775	\$95,775
PI/PD Yan, Yanfa Physics and Astronomy, Department of 100	12/20/11 to 12/19/1	12 U.S. Department of Energy throu	ugh Alliance for Sustainable Energy LLC					
N-122935-01 Growth, Heat Treatment and Theory of CdTe Thin Films No \$114,516 \$52,104 \$166,620 \$166,620								
2/15/12 to 2/14/13 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role Name Department Physics and Astronomy, Department of 100 N-122972-01 Transparent Back Contacts for Thin CdTe-Based Tandem Cells No \$37,800 \$17,200 \$55,000 \$55,000 6/17/11 to 3/16/12 U.S. Department of Energy through Xunlight 26 Role Name Department Physics and Astronomy, Department of 50 Co-l Phillips, Adam B. Physics and Astronomy, Department of 50 N-123236-01 Enhanced Growth Rate and Silane Utilization in Amorphous Silicon and Nanocrystalline-Sl Air Products and Chemicals, Inc. Role Name Department Mane Department % Credit	PI/PD	•		f		100		
Role	N-122935-01	Growth, Heat Treatment and T	heory of CdTe Thin Films	No	\$114,516	\$52,104	\$166,620	\$166,620
PI/PD Yan, Yanfa Physics and Astronomy, Department of 100	2/15/12 to 2/14/13	U.S. Department of Energy throu	ugh Alliance for Sustainable Energy LLC					
N-122972-01 Transparent Back Contacts for Thin CdTe-Based Tandem Cells No \$37,800 \$17,200 \$55,000 \$55,000 \$6/17/11 to 3/16/12 U.S. Department of Energy through Xunlight 26 Role Name Department of Heben, Michael J. Physics and Astronomy, Department of Co-I Phillips, Adam B. Physics and Astronomy, Department of Physics and Astronomy, Department of So Physics and Chemicals, Inc. Role Name Department Mamorphous Silicon and No \$22,680 \$10,320 \$33,000 \$3								
6/17/11 to 3/16/12 U.S. Department of Energy through Xunlight 26 Role Name Department PI/PD Heben, Michael J. Physics and Astronomy, Department of Co-I Phillips, Adam B. Physics and Astronomy, Department of N-123236-01 Enhanced Growth Rate and Silane Utilization in Amorphous Silicon and No \$22,680 \$10,320 \$33,000 \$33,000 Nanocrystalline-SI A/1/12 to 8/31/12 Air Products and Chemicals, Inc. Role Name Department V. Credit % Credit	PI/PD	,						
Role Name Department		•		No	\$37,800	\$17,200	\$55,000	\$55,000
PI/PD Heben, Michael J. Physics and Astronomy, Department of Co-I Phillips, Adam B. Physics and Astronomy, Department of Physics and Astronomy, Department of So Physics and Country Solicon and No \$22,680 \$10,320 \$33,000 \$33,000 \$33,000 \$4/1/12 to 8/31/12 Air Products and Chemicals, Inc.		U.S. Department of Energy throu	ugh Xunlight 26					_
Co-l Phillips, Adam B. Physics and Astronomy, Department of 50 N-123236-01 Enhanced Growth Rate and Silane Utilization in Amorphous Silicon and No \$22,680 \$10,320 \$33,000 \$33,000 Nanocrystalline-SI 4/1/12 to 8/31/12 Air Products and Chemicals, Inc. Role Name Department 96						% Credit		
N-123236-01 Enhanced Growth Rate and Silane Utilization in Amorphous Silicon and No \$22,680 \$10,320 \$33,000 \$33,000 \$4/1/12 to 8/31/12 Air Products and Chemicals, Inc. Role Name Department % Credit								
Nanocrystalline-SI 4/1/12 to 8/31/12		• •]
4/1/12 to 8/31/12	N-123236-01		lane Utilization in Amorphous Silicon ar	nd No	\$22,680	\$10,320	\$33,000	\$33,000
Role Name Department 96 Credit	4/1/12 to 8/31/12							
			_			% Cradit		1
				f				

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		<u>Rep</u>	orting Cash			<u>[</u>	Dept Award
Natural Science	ces & Mathematics, Coll	ege of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Physics and Astron	omy, Department of						
N-123282-01		the Fall: Probing Dust and Gas; The r Gas in the Small Megellanic Cloud	No	\$68,729	\$31,271	\$100,000	\$100,000
5/3/12 to 6/30/13	Jet Propulsion Laboratory						
Role PI/PD	<u>Name</u> Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123334-01 5/3/12 to 6/30/13	Herschel Plank: PACS and SPIF Energetics; HIFI and Spire spe Jet Propulsion Laboratory	RE; HYSOVAR11; Characterizing the ectroscopy	e No	\$20,619	\$9,381	\$30,000	\$30,000
Role PI/PD	Name Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
R-120755-04 9/1/11 to 8/4/12	Critical Research for Cost-Effec Hydrogen U.S. Department of Energy throug	tive Photoelectrochemical Production th Midwest Optoelectronics LLC	of No	\$34,364	\$15,636	\$50,000	\$50,000
Role	Name	Department			% Credit		
PI/PD	Ingler, William B.	Physics and Astronomy, Department of			100		
S-120852-03-S1	Novel Nanocrystal-Based Solar Generation	Cell to Exploit Multiple Exciton	No	\$12,546	\$3,455	\$16,001	\$16,001
2/1/12 to 3/31/12	National Renewable Energy Labor	ratory through Alliance for Sustainable En	ergy LLC				
Role PI/PD	<u>Name</u> Ellingson, Randall J.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
		Sum of Department (Physics and Astro	nomy, Depa	rtment o Awa	ard Count: 28.50		\$1,900,952
		Sum of College (Natural Sciences & N	lathematics	, College Awa	ard Count: 64.37		\$7,246,702
	_	Rep	orting Cash			Γ	Dept Award
Nursing, Colle	ege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Nursing, College of							
N-122927-01 11/1/11 to 10/31/12	Breast Cancer	r and Arm Mobility in Women with	No	\$25,000	\$0	\$25,000	\$25,000
		_					

Reporting Cash

Dept Award

% Credit

100

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Department

Nursing, College of

Role PI/PD

Co-I

<u>Name</u>

Walsh, Eileen

Khuder, Sadik

Normalina Calle		Re	eporting Cash			<u> </u>	Dept Award
Nursing, Colle	ege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Nursing, College of	:						
N-122988-01	UT Interprofessional Healtho	are Provider Development	No	\$1,765,872	\$171,160	\$1,937,032	\$426,147
3/15/12 to 6/30/13	Ohio Department of Jobs and	Family Services through Ohio State Univers	sity				
Role PI/PD Co-I	<u>Name</u> Smith, Mary Kay Bullock, Wesley A.	Department Psychiatry, Department of Psychiatry, Department of			<u>% Credit</u> 42 20		
Co-I Co-I Co-I Co-I	French, Linda M. Gaspar, Timothy M. Grothaus, Kay Shapiro, Joseph Vasquez, Kathleen	Family Medicine, Department of Nursing, College of Nursing, College of Medicine, Department of Provost, Health Sciences			1 10 12 9 6		
R-100121-12	Advanced Education Trainee	·	No	\$37,072	\$0	\$37,072	\$37,072
7/1/11 to 6/30/12	Bureau of Health Professions			4 01, 0 12	,	V 01,012	401,01
Role PI/PD	<u>Name</u> Phillips, Kelly A.	<u>Department</u> Nursing, College of			<u>% Credit</u> 100		
R-121020-03	Nurse Faculty Loan Program		No	\$39,024	\$0	\$39,024	\$39,024
7/1/11 to 6/30/12	Health Resources & Services	Administration					_
Role PI/PD	Name Phillips Kelly A	Department			<u>% Credit</u> 100		
PI/PD	Phillips, Kelly A.	Nursing, College of	. (1)			, ,	A507.040
		Sum of Departmen	<u> </u>	<u> </u>	ard Count: 3.22		\$527,243
		Sum of Colleg	e (Nursing, Co	ollege of) Awa	ard Count: 3.22		\$527,243
Other		Re	eporting Cash	D: 10 1			Dept Award
			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
	ucational and Information Tech	inology					
N-122159-01	OHIP Northwest Ohio Region		No	\$120,785	\$31,404	\$152,189	\$152,189
6/2/11 to 6/1/13	OHIP Northwest Ohio Regiona	l Extension Center					1
Role PI/PD	<u>Name</u> Ovwigho, Godfrey	<u>Department</u> Administration, Educational and Infor	mation Techno	logy	<u>% Credit</u> 100		
		um of Department (Administration, E	ducational an	d Inform Awa	ard Count: 1.00		\$152,189

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Administration, Unspecified

		Re	eporting Cash			[Dept Award
Other			Received?	Direct Cost	Indirect Cost	\$863 \$4,313 \$863 \$4,313 \$6 Credit 34 33 33 \$0 \$350,000 **Credit 100 0 d Count: 0.33 \$97,030 \$317,553 **Credit 100	<u>Credit</u>
Administration, Uns	specified						
N-121948-01	Placebo-Controlled Compariso UT-15C Sustained Release Tab Hypertension	center, Double-Blind, Randomized, n of the Efficacy and Safety of Oral lets in Subjects with Pulmonary Arteri	Yes	\$3,450	\$863	\$4,313	\$1,423
5/14/10 to 5/13/11	United Therapeutics Corporation				0/ 0 !!!		
Role PI/PD Co-I Co-I	<u>Name</u> Khouri, Samer J. Garris, Theresa Kahaleh, M Bashar	<u>Department</u> Medicine, Department of Administration, Unspecified Medicine, Department of			34 33		
N-122896-01	Edison Technology Incubation	Program	No	\$350,000	\$0	\$350,000	\$0
7/30/11 to 12/31/12	Ohio Department of Developmen	t					
Role PI/PD Co-I	Name Waldock, Mary Jo Smith Gore, Shanda L.	<u>Department</u> Administration, University College Administration, Unspecified			100		
		Sum of Department (Admin	istration, Uns	pecified) Awa	ard Count: 0.33		\$1,423
Graduate Studies, C	College of						
C-110094-05	Locomotion in Parasitic Nemat	odes	No	\$220,523	\$97,030	\$317,553	\$0
2/1/12 to 1/31/13	National Institute of Allergy & Infe	ectious Diseases				•	
Role PI/PD PI/PD Co-I	Name Komuniecki, Richard Komuniecki, Richard Bamber, Bruce A.	Department Biological Sciences, Department of Graduate Studies, College of Biological Sciences, Department of					
		Sum of Department (Gradua	te Studies, Co	llege of) Awa	ard Count: 0.00		\$0
Intermodal Transpo	rtation Institute	·	·	,			
N-123017-01	Ohio Statewide Freight Plan		No	\$19,382	\$7,050	\$26,432	\$0
3/27/12 to 6/30/12	Ohio Department of Transportation	on through Parsons Brinckerhoff		V 10,002	41,000	4 _0,10_	•
Role PI/PD Co-I	<u>Name</u> Martinko, Richard S. Lindquist, Peter S.	<u>Department</u> Intermodal Transportation Institute Geography and Planning, Departmer	nt of		<u>% Credit</u> 0 100		
N-123054-01	Ohio Turnpike Project - Phase		No	\$19,433	\$6,367	\$25,800	\$25,800
3/9/12 to 12/31/12	Ohio Department of Transportation	on through KPMG LLP					
Role PI/PD	<u>Name</u> Martinko, Richard S.	<u>Department</u> Intermodal Transportation Institute			<u>% Credit</u> 100		

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		Repo	rting Cash				Dept Award
Other		<u> </u>	Received?	Direct Cost	Indirect Cost	\$452,885 \$452,885 \$12,470 \$5,500 \$19,388	Credit
Intermodal Transpo	rtation Institute						
R-121554-02	Ice Prevention or Removal on the Veter	ran's Glass City Skyway Cables	No	\$426,340	\$26,545	\$452,885	\$27,173
12/19/11 to 1/31/14	Ohio Department of Transportation						
<u>Role</u>	Name Depa	<u>artment</u>			% Credit		
PI/PD		Engineering, Department of			60		
Co-I		Engineering, Department of			6		
Co-I		modal Transportation Institute	a Engineeri	na Donorta	6		
Co-I Co-I	Masiulaniec, Estate Of Konsta Mech Stuart, Thomas A. Electi	rical Engineering and Computer Sci			25 3		
S-121658-01-S3	Veteran's Glass City Skyway Solar Arra		No	\$12,470	\$0	\$12 47 0	\$12,470
8/3/11 to 6/30/12	Ohio Department of Transportation	zy i oriormanoo zvaraanon	110	ψ12,410	Ų.	Ψ12,410	Ψ12,410
Role		artment			% Credit		
PI/PD		modal Transportation Institute			100		
		m of Department (Intermodal Trans	portation Ir	nstitute) Awa	ard Count: 2.06		\$65,443
Office of December		(, , , , , , , , , , , , , , , , , , , ,			400,
Office of Research a		street leateness	Ma	\$5,000	¢ 500	\$5.500	#F F00
	Support of Agricultural Research of Mu	utuai interest	No	\$5,000	\$500	\$5,500	\$5,500
10/1/10 to 9/30/11	U.S. Department of Agriculture				24.2 "		
Role		artment			% Credit		
PI/PD S-121297-03-S1	Calzonetti, Frank Office Procurement Technical Assistance Cen	e of Research and Innovation	No	¢40.200	100	¢40.200	\$40.200
			No	\$19,388	\$0	\$19,300	\$19,388
2/1/11 to 1/31/12	Defense Logistics Agency through Ohio D				0/ 0		
Role PI/PD		artment e of Research and Innovation			% Credit		
Co-I		e of Research and Innovation			100		
S-121299-03-S1	Procurement Technical Assistance Cen		No	\$14,843	\$0	\$14 843	\$14,843
2/1/11 to 1/31/12	Ohio Department of Development		110	Ψ1-1,0-10	Ų.	Ψ1-1,0-10	Ψ1-1,0-10
Role		artment			% Credit		
PI/PD		e of Research and Innovation			100		
Dir Ctr/Inst		e of Research and Innovation					
	Su	ım of Department (Office of Resea i	ch and Inne	ovation) Awa	ard Count: 3.00	<u> </u>	\$39,731
Provost Executive	VP Academic Affairs						
N-123130-01	Building and Scaling Analytics Capacit	tv	No	\$27,000	\$0	\$27,000	\$10,800
11/8/11 to 10/31/12		•	110	Ψ21,000	Ψ	Ψ21,000	Ψ10,000
Role		artment			% Credit		
PI/PD		inistration, College of Innovative Lea	arnina		25		
Co-I		ost, Executive VP Academic Affairs	<u>.</u>		25		
Co-I		inistration, College of Innovative Lea	arning		10		
Co-I		ost, Executive VP Academic Affairs			15		
Co-I	Schneider, Barbara J. Admi	inistration, College of Innovative Lea	arning		25		

		<u>Reportir</u>	<u>ng Cash</u>				Dept Award
Other		Re	ceived?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
		Sum of Department (Provost, Executive V	P Acade	mic Affai Awa	ard Count: 0.40		\$10,800
Provost, Health Sci	ences						
N-122821-01	Ohio Regional Community H	lealth Assessment Project in Critical Access	No	\$11,460	\$0	\$11,460	\$11,460
	Hospital Communities (CAH						
8/1/11 to 6/1/12	Ohio Department of Health the	ough Ohio University					_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Vasquez, Kathleen	Provost, Health Sciences			100		
N-122988-01	UT Interprofessional Healtho	care Provider Development	No	\$1,765,872	\$171,160	\$1,937,032	\$116,222
3/15/12 to 6/30/13	Ohio Department of Jobs and	Family Services through Ohio State University					
Role	<u>Name</u>	Department			% Credit		
PI/PD	Smith, Mary Kay	Psychiatry, Department of			42		
Co-I	Bullock, Wesley A.	Psychiatry, Department of			20		
Co-I	French, Linda M.	Family Medicine, Department of			1		
Co-I	Gaspar, Timothy M.	Nursing, College of			10		
Co-I	Grothaus, Kay	Nursing, College of			12		
0-1	Shapiro, Joseph	Medicine, Department of			9		
Co-I	Chapho, Cocoph	modicino, Boparimonto					
Co-I	Vasquez, Kathleen	Provost, Health Sciences Sum of Department (Provost,	Health S	ciences) Awa	6 ard Count: 1.06		\$127,682
Co-I Safety & Health, Off	Vasquez, Kathleen	Provost, Health Sciences Sum of Department (Provost ,		,	ard Count: 1.06	\$17.704	
Co-I	Vasquez, Kathleen fice First Spending Plan Hospita	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System	Health S	\$17,704		\$17,704	
Co-I Safety & Health, Off C-101007-05	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System reparedness	Yes	,	ard Count: 1.06	\$17,704	•
Co-I Safety & Health, Off	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed	Yes	,	ard Count: 1.06	\$17,704	
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio	Yes	,	ard Count: 1.06	\$17,704	•
Co-I Safety & Health, Off C-101007-05	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department	Yes	,	\$0 % Credit	\$17,704	•
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System reparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office	Yes	,	ard Count: 1.06	\$17,704	
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD	Vasquez, Kathleen fice First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office	Yes	,	\$0 \$0 \frac{\% Credit}{50}		\$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office	Yes deral Yes	\$17,704 \$17,704	\$0 \$0 \$0 \$0 \$0 50 50	\$17,704 \$17,704	\$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding	Yes deral Yes	\$17,704 \$17,704	% Credit 50 50 \$0		\$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07 Role	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System reparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northward Department	Yes deral Yes	\$17,704 \$17,704	% Credit 50 50 \$0		\$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name Jankowski, Gary	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System reparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northwood Department Safety & Health, Office Department Safety & Health, Office	Yes deral Yes	\$17,704 \$17,704	% Credit 50 50 \$0		\$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07 Role PI/PD	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northw Department Safety & Health, Office Safety & Health, Office Safety & Health, Office Safety & Health, Office	Yes deral Yes	\$17,704 \$17,704	% Credit 50 50 \$0		\$17,704 \$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07 Role PI/PD Co-I	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name Jankowski, Gary Valigosky, Michael First Spending Plan Hospita Health Resources & Services	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northw Department Safety & Health, Office Safety & Health, Office Safety & Health, Office Safety & Health, Office	Yes deral Yes vest Ohio	\$17,704 \$17,704	% Credit 50 50 \$0 % Credit 100	\$17,704	\$17,704 \$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07 Role PI/PD Co-I R-101007-02	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name Jankowski, Gary Valigosky, Michael First Spending Plan Hospita Health Resources & Services	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System reparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northw Department Safety & Health, Office Safety & Health, Office Safety & Health, Office Safety & Health, Office I Funding Administration & Ohio Department of Health - Fed	Yes deral Yes vest Ohio	\$17,704 \$17,704	% Credit 50 50 \$0 % Credit 100	\$17,704	\$17,704 \$17,704
Co-I Safety & Health, Off C-101007-05 7/1/11 to 6/30/12 Role PI/PD Co-I N-101007-01 4/15/04 to 8/31/07 Role PI/PD Co-I R-101007-02 9/1/07 to 8/8/09	First Spending Plan Hospita Coordination for Disaster Pr Health Resources & Services Pass-Through Funds through Name Valigosky, Michael Jankowski, Gary First Spending Plan Hospita Health Resources & Services Name Jankowski, Gary Valigosky, Michael First Spending Plan Hospita Health Resources & Services Ame Jankowski, Gary Valigosky, Michael First Spending Plan Hospita Health Resources & Services Pass-Through Funds through	Provost, Health Sciences Sum of Department (Provost, I Funding/Regional Healthcare System eparedness Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio Department Safety & Health, Office Safety & Health, Office I Funding Administration through Hospital Council of Northw Department Safety & Health, Office Safety & Health, Office Safety & Health, Office I Funding Administration & Ohio Department of Health - Fed Hospital Council of Northwest Ohio	Yes deral Yes vest Ohio	\$17,704 \$17,704	% Credit 50 50 % Credit 100 % Credit 100	\$17,704	\$127,682 \$17,704 \$17,704

Reporting Cash

Dept Award

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Other		<u>R</u>	eporting Cash Received?	Direct C	ost Indirect Cost	Total Award	Dept Award Credit
Safety & Health, Off	ice			<u> </u>	<u> </u>	<u>Total / Wald</u>	<u>oroan</u>
R-101007-04		nding/Regional Healthcare System redness	Yes	\$17,70	04 \$0	\$17,704	\$17,704
7/1/10 to 6/30/11		ninistration & Ohio Department of Healt	th - Federal				
Role PI/PD	<u>Name</u> Valigosky, Michael	<u>Department</u> Safety & Health, Office			<u>% Credit</u> 100		
	3 7,	Sum of Department (Safety & Health	, Office)	Award Count: 4.00		\$70,815
Toledo Excel Progra	am						
C-110170-05 9/1/11 to 8/31/12	Regular Upward Bound U.S. Department of Education		No	\$349,33	32 \$24,911	\$374,243	\$374,243
Role PI/PD	<u>Name</u> Rogers, Pamela N.	<u>Department</u> Toledo Excel Program			<u>% Credit</u> 100		
		Sum of Department (Toledo Excel P	rogram)	Award Count: 1.00		\$374,243
Urban Affairs Cente	er						
N-123283-01 5/22/12 to 7/31/12	Economic Value and Return on Public Library Toledo Lucas County Library	Investment for Toledo Lucas County	No	\$27,99	92 \$0	\$27,992	\$0
Role	<u>Name</u>	Department			% Credit		1
PI/PD Co-I	Smirnov, Oleg A. Reid, Neil	Economics, Department of Urban Affairs Center			100 0		
	,	Sum of Department	(Urban Affairs	Center)	Award Count: 0.00	, <u> </u>	\$0
			Sum of College	e (Other)	Award Count: 12.85		\$842,326
		_					
Pharmacy & P	harmaceutical Sciences	s, College of	eporting Cash Received?	Direct C	ost Indirect Cost	Total Award	Dept Award Credit
Center for Drug Des	sign and Development		·				
C-110032-04	Cardiovascular Research and N	ovel Therapy	No	\$90,90	09 \$9,091	\$100,000	\$100,000
1/1/11 to 12/31/11	Ohio Department of Development	through Cleveland Clinic Foundation					
Role PI/PD	<u>Name</u> Erhardt, Paul W.	<u>Department</u> Center for Drug Design and Develop	ment		<u>% Credit</u> 100		
C-110032-05	Cardiovascular Research and N	ovel Therapy	No	\$90,90	09 \$9,091	\$100,000	\$100,000
1/1/12 to 12/31/12	Ohio Department of Development	through Cleveland Clinic Foundation					
Role	Name	Department			% Credit]

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Pharmacy & P	harmaceutical Science	es, College of	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
	sign and Development	<u> </u>		<u>Direct Coot</u>	manoer coer	<u>Total / twara</u>	<u>Orodit</u>
C-120014-03 5/1/12 to 4/30/13	<u> </u>	hway Inhibitors as Novel Antibiotics	No	\$247,500	\$112,613	\$360,113	\$144,045
Role PI/PD Co-I	<u>Name</u> Viola, Ronald Erhardt, Paul W.	<u>Department</u> Chemistry, Department of Center for Drug Design and Develop	ment		<u>% Credit</u> 60 40		
Medicinal and Riolo	gical Chemistry, Department of	Sum of Department (Center for Drug	Design and Do	evelopm Awa	ard Count: 2.40		\$344,045
N-122449-01 6/1/12 to 5/31/13	Chemobiologic Approach to N National Institutes of Health		No	\$242,849	\$107,842	\$350,691	\$308,608
Role PI/PD Co-I Co-I	<u>Name</u> Slama, James T. Giovannucci, David Wall, Katherine Ann	<u>Department</u> Medicinal and Biological Chemistry, Neurosciences, Department of Medicinal and Biological Chemistry,	·		<u>% Credit</u> 50 12 38		
Pharmacology, Dep	artment of	Sum of Department (Medicinal and E	Biological Cher	nistry, D Awa	ard Count: 0.88		\$308,608
C-110246-04 8/1/11 to 7/31/12	The Roles of Primary Cilia in O National Institute of Diabetes, D	•	No	\$208,271	\$91,639	\$299,910	\$299,910
Role PI/PD	<u>Name</u> Nauli, Surya M.	<u>Department</u> Pharmacology, Department of			<u>% Credit</u> 100		
C-122154-02 5/1/12 to 4/30/13	Rats National Institute on Alcohol Abo	ation of Alcohol-Drinking Behavior in use and Alcoholism	P No	\$157,500	\$78,435	\$235,935	\$235,935 _
Role PI/PD	<u>Name</u> Sari, Youssef	<u>Department</u> Pharmacology, Department of			<u>% Credit</u> 100]
N-122433-01 7/1/11 to 6/30/12	Efficacy of Tocilizumab in IL-6 Genentech, Inc.		No	\$176,655	\$44,164	\$220,819	\$220,819
Role PI/PD	Name Ahmed, Salah-Uddin	Department Pharmacology, Department of			% Credit 100		
N-122928-01 11/1/11 to 10/31/12	ProMedica Health System	y of Polycystic Kidney Disease	No	\$25,000	\$0	\$25,000	\$25,000
Role PI/PD Co-I Co-I	<u>Name</u> Nauli, Surya M. Booth, Robert Ratnam, Manohar	<u>Department</u> Pharmacology, Department of Pathology, Department of Biochemistry & Cancer Biology, Dep	artment of		<u>% Credit</u> 100		

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DI 0.B	4. 10.	Re	porting Cash			<u>]</u>	Dept Award
Pharmacy & P	harmaceutical Sciences	, College of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Pharmacology, Dep	artment of						
N-123240-01		ional Graduate Student Research	No	\$2,000	\$0	\$2,000	\$2,000
3/27/12 to 3/26/13	Preceptorship American College of Rheumatolog	y Research and Education Foundation					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ahmed, Salah-Uddin	Pharmacology, Department of			100		
N-123315-01		R3378: A Novel Aza-anthrapyrazole to) No	\$25,000	\$0	\$25,000	\$12,500
5/1/12 to 4/30/13	Treat Multiple Sclerosis University of Toledo Foundation						
Role		Danartmant			% Credit		1
PI/PD	<u>Name</u> Hacker, Miles P.	<u>Department</u> Pharmacology, Department of			50		
Co-I	Quinn, Anthony	Biological Sciences, Department of			50 50		
001	Quilli, 7 thatony	Sum of Department (Pharmac	ology Departr	ment of) Awa		<u> </u>	\$796,164
		Sum of Department (Final mac	ology, Departi	nencol) Awa	ara Courit. 3.30		Ψ130, 10 -1
Pharmacy Practice,							
N-123314-01		ynamic Therapy for the Treatment of	No	\$25,000	\$0	\$25,000	\$6,250
E/4/40 to 4/00/40	Chronic Sinusitis						
5/1/12 to 4/30/13	ProMedica Health System	Description			0/ 0 - 11		l
Role	Name Danie Danie III	<u>Department</u>			% Credit		
PI/PD	Baugh, Reginald F.	Surgery, Department of			25 25		
Co-I	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of			25		
Co-I	Cameron, Brent D.	Bioengineering, Department of			25		
Co-I	Fournier, Ronald L.	Pathology, Department of		-	25		
		Sum of Department (Pharmacy Pra	ictice, Departr	ment of) Awa	ard Count: 0.25		\$6,250
		Sum of College (Pharmacy & Pharma	ceutical Scien	nces, Co Awa	ard Count: 9.03		\$1,455,067
				_	10		
Grand Total:				Awa	ard Count: 422.00	\$	47,678,622

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