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

Proposal # Public Title
Budget Period Sponsor(s)

Adult and Life	long Learning, College	s 6,625	\$ 31,103		Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
								_
2								
<u>Role</u>	<u>Name</u>	<u>Department</u>				% Credit		
PI/PD	Stone, Robin	Administration,	University College			100		
N-122896-01	Edison Technology Incubation	Program		No	\$350,000	\$0	\$350,000	\$350,000
7/30/11 to 12/31/12	Ohio Department of Development	t						
Role PI/PD Co-I	Name Waldock, Mary Jo Smith Gore, Shanda L.	<u>Department</u> Administration, Administration,	University College Unspecified			<u>% Credit</u> 100 0		
N-123253-01	Military Service Center Student	: Support		Yes	\$9,683	\$0	\$9,683	\$9,683
1/1/12 to 12/31/12	U.S. Department of Veterans Affa	airs						
Role	Name	Department				% Credit		
PI/PD	Lettman, Dennis S.	Administration,	University College			100		
R-102723-23	Carl D. Perkins Grant FY 12			No	\$86,234	\$0	\$86,234	\$86,234
7/1/11 to 6/30/	7 nAdd 66 i nAd poetri 6 nA de trovinationis, 2000 Netty e	Apargintrolairo Departr	ment of Education					



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		\$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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ealth Science & Human	Service, Judith Herb Colleg	orting Cash CROteived?	Direct Cost	Indirect Cost		<u>Dept Award</u> Credit
IS-JHCOE						
Northwest Ohio Tech Prep Servi	ce Center	No	\$579,370	\$50,380	\$629,750	\$629,750
Ohio Department of Education						
Name	Department			% Credit		
Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
FY12 & 13 Tech Prep Support		No	\$41,252	\$2,171	\$43,423	\$43,423
Ohio Department of Education						
<u>Name</u>	Department			% Credit		
Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
Tech Prep Perkins Reallocation	Grant	No	\$23,757	\$1,250	\$25,007	\$25,007
U.S. Department of Education thro	ough Ohio Department of Education					
	Northwest Ohio Tech Prep Servi Ohio Department of Education Name Pietras, Nancy A. FY12 & 13 Tech Prep Support Ohio Department of Education Name Pietras, Nancy A. Tech Prep Perkins Reallocation	Northwest Ohio Tech Prep Service Center Ohio Department of Education Name Pietras, Nancy A. PY12 & 13 Tech Prep Support Ohio Department of Education Name Department Department Department Department	Northwest Ohio Tech Prep Service Center Ohio Department of Education Name Pietras, Nancy A. Administration, HSHS-JHCOE FY12 & 13 Tech Prep Support Ohio Department of Education Name Pietras, Nancy A. Department Pietras, Nancy A. Administration, HSHS-JHCOE Tech Prep Perkins Reallocation Grant No	IS-JHCOE Northwest Ohio Tech Prep Service Center Ohio Department of Education Name Pietras, Nancy A. Administration, HSHS-JHCOE FY12 & 13 Tech Prep Support Ohio Department of Education Name Pietras, Nancy A. Administration, HSHS-JHCOE Tech Prep Perkins Reallocation Grant No \$23,757	S-JHCOE Northwest Ohio Tech Prep Service Center No \$579,370 \$50,380	IS-JHCOE Northwest Ohio Tech Prep Service Center Ohio Department of Education Pietras, Nancy A. Administration, HSHS-JHCOE No S41,252 Administration, HSHS-JHCOE No S41,252 S2,171 S43,423 Ohio Department of Education Name Ohio Department of Education Name Ohio Department of Education No S41,252 S2,171 S43,423 Ohio Department of Education No S41,252 S2,171 S43,423 Ohio Department of Education No S23,757 No S23,757 No S23,757

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	Departme 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	<u>Name</u>	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 Londonskin	, , ,	,	•			,
	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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ealth and Recreat							
N-123059-01	Teenage Pregnancy Preventi		No	\$81,818	\$8,182	\$90,000	\$90,000
1/1/12 to 9/30/12	Administration for Children and	l Families through Lucas County Job and Fami	ly Services				-
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jordan, Timothy Ray	Health and Recreation Professions			34		
Co-I	Dake, Joseph	Health and Recreation Professions			33		
Co-I	Sheu, Jiunn-Jye	Health and Recreation Professions			33		
N-123100-01	Concealed Carry on College	Campuses	No	\$21,819	\$2,181	\$24,000	\$24,000
5/1/12 to 4/29/13	Joyce Foundation						
Role	Name	Department			% Credit		
PI/PD	Thompson, Amy J.	Health and Recreation Professions			100		
Co-I	Dake, Joseph	Health and Recreation Professions					
Co-I	Price, James H.	Health and Recreation Professions					
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 I Alcohol and Drug Addiction Se	Health Services Administration through Ohio Dervices	epartment of	•			
Role	Name	Department			% Credit		
PI/PD	Glassman, Tavis J.	Health and Recreation Professions			100		
<u></u>		Sum of Department (Health and Recre	ation Profe	ssions) Awa	ard Count: 6.00		\$147,895
inesiology, Depar	tment of						
N-122605-01	Restoring Neuromuscular Fu	nction with Joint Mobilizations	No	\$1,000	\$0	\$1,000	\$1,000
7/6/11 to 6/30/13	National Athletic Trainers' Asso	ociation					

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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	.	Reporting Cash			Dept Award		
Engineering,	College of	Received?	Direct Cost	Indirect Cost	Total Award	Credit	
Bioengineering, De							
N-121454-01-A1	Networking Urban Resources with Teachers and University to en Early Childhood Science	nRich				\$656,904	

Engineering, 0	College of	' 	rting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Chemical and Envir	onmental Engineering, Departn	nent of					
N-122541-01 7/1/11 to 12/31/11	Meetings: Support of Student	t Participation in the 2011 North American ad the 2011 International Congress on	No	\$10,000	\$0	\$10,000	\$10,000
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical and Environmental Engineerin	ıg, Departme	ent of	<u>% Credit</u> 100		
N-122655-01 10/1/11 to 9/30/12	Spiral Wound Module Design U.S. Department of Energy thro	for CO2 Capture ugh Membrane Technology & Research	No	\$64,484	\$29,340	\$93,824	\$93,824
Role PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical and Environmental Engineerin		ent of	<u>% Credit</u> 100		
N-122712-01 9/26/11 to 11/30/13	Membranes	e and Control of Biofilms on Desalination	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	ıg, Departme	ent of	<u>% Credit</u> 50 50		
N-122820-01 3/1/12 to 2/28/15	CAREER: Photodirected Asse Complexes National Science Foundation	mbly of Custom-Designed Polyelectrolyte	No No	\$160,337	\$72,953	\$233,290	\$233,290
Role PI/PD	<u>Name</u> Lapitsky, Yakov	Department Chemical and Environmental Engineerin	ıg, Departme	ent of	<u>% Credit</u> 100		
N-122883-01 4/18/12 to 11/19/12	Direct Catalytic Conversion of U.S. Department of Energy thro	Lignin to Aromatic Chemicals ugh Suganit Systems, Inc.	No	\$34,364	\$15,636	\$50,000	\$25,000
Role PI/PD Co-I	<u>Name</u> Mason, Mark R. Varanasi, Sasidhar	<u>Department</u> Chemistry, Department of Chemical and Environmental Engineerin	ıg, Departme	ent of	<u>% Credit</u> 50 50		
N-122897-01 1/11/12 to 12/31/12	Institute	nsortium led by the Mineta Transportation ion through San Jose State University Resea	No	\$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 Engineerin	ıg, Departme	ent of	<u>% Credit</u> 55 45		
N-122908-01	Stable Glass-Ceramic Nanoco	mposites as Compliant Seals for SOFCs	No	\$27,060	\$12,313	\$39,373	\$39,373
	U.S. Department of Energy thro	ugh SEM-COM, Inc.					
Role PI/PD	<u>Name</u> Azad, Abdul-Ma	<u>Department</u>			% Credit		

	Reporting Cash			<u>Dept Award</u> <u>Total Award</u> <u>Credit</u>		
Engineering, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Credit	

Engineering, (College of	<u>R</u>	eporting Cash	D:			Dept Award
			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Civil Engineering, D	epartment of						
C-110135-02	Phase V - Pavement Manager	ment Information System	No	\$66,276	\$6,628	\$72,904	\$72,904
2/17/12 to 2/16/13	City of Toledo						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of			50		
Co-I	Murnen, George J.	Civil Engineering, Department of			50		
C-120371-03	Choose Ohio First for Engine	eering Entrepreneurship (COFFEE)	No	\$536,640	\$0	\$536,640	\$536,640
	Scholarship						
7/1/11 to 6/30/12	Ohio Board of Regents						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Randolph, Brian W.	Civil Engineering, Department of			100		
N-122496-01	Optimization and Sustainabil	ity of Converting Agricultural Animal	No	\$10,309	\$4,691	\$15,000	\$4,500
	Wastes into Biofuels						
8/15/11 to 8/14/12	U.S. Environmental Protection	Agency					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kim, Dong Shik	Chemical and Environmental Engine	erin				

Engineering College of	Reporting Cash Received?			<u> </u>	Dept Award Credit
Engineering, College of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Civil Engineering, Department of					

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		
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Engineering (Collogo of		orting Cash			-	Dept Award
Engineering, (College of		Received?	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
	ng and Computer Science, Depart						
N-122862-01	Reliability Assessment of Galliur	n Nitride (GaN) Power Switch	No	\$144,052	\$55,948	\$200,000	\$200,000
1/1/12 to 12/31/12	Office of Naval Research						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Shenai, Krishna	Electrical Engineering and Computer So			100		
N-123164-01	•	ment, Simulation and Visualization	No	\$35,500	\$9,230	\$44,730	\$44,730
E/4.4/40 to E/40/40	System	there all De terr Area Orall etc Ot d'eat	('() (.				
5/14/12 to 5/13/13		through Dayton Area Graduate Studies In	nstitute		0/ 0 !!!		1
Role	Name Name	Department			% Credit		
PI/PD	Jamali, Mohsin M.	Electrical Engineering and Computer Sc			100	A00 700) **** - ***
N-123238-01		on Technology Research - Phase I	No	\$26,641	\$12,122	\$38,763	\$38,763
3/23/12 to 9/21/12	Libbey, Inc.						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Serpen, Gursel	Electrical Engineering and Computer So			100]
N-123242-01		A Teaching and Research Laboratory	No	\$4,568	\$0	\$4,568	\$4,568
8/17/11 to 8/17/12	NVIDIA Corporation						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer So	cience, Dep		100		
N-123245-01	NSF IPA Assignment - Min Song		No	\$116,041	\$0	\$116,041	\$116,041
4/2/12 to 10/11/12	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Alam, Mansoor	Electrical Engineering and Computer So			100		
Co-I	Song, Min	Electrical Engineering and Computer So	cience, Dep		0		
N-123354-01	Modeling, Optimization, and Inte	gration of Building Control Systems	No	\$19,299	\$8,781	\$28,080	\$28,080
6/1/12 to 8/31/12	Greensleeves LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer So	cience, Dep	artment of	100		
N-123403-01	Development of Mobile Integration S .167Dh Twuto00Commerce S	on with Auto Aftermarket eCommerce					\$33,500

Engineering, (College of		Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
	ng and Computer Science, Depart	ment of		<u> </u>	<u></u>		<u> </u>
R-121554-02	Ice Prevention or Removal on the		ables No	\$426,340	\$26,545	\$452,885	\$13,587
12/19/11 to 1/31/14	Ohio Department of Transportation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Nims, Douglas K.	Civil Engineering, Department of			60		
Co-I	Gruden, Cyndee	Civil Engineering, Department of	_		6		
Co-I Co-I	Martinko, Richard S.	Intermodal Transportation Institute Mechanical, Industrial, and Manu	e footuring Engineeri	na Donarta	6 25		
Co-I	Stuart, Thomas A.	Electrical Engineering and Comp	uter Science, Depa	rig, Departin	3		
S-121446-01-S1							

echanical, Industrial, and Manufacturing Engineering, Department of 2-120117-02 Electrical and Mechanical Modeling of Constellation Power Systems Yes \$22,360 \$0 \$22,360 \$22,360 \$10/1/08 to 9/30/09 NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 2-122023-02 Tribological Investigations Involving Mechanical and No \$7,867 \$1,650 \$9,517 \$9,517 Thermomechanical Systems NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC Role Name Department Neith, Theo G. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 2-121017-10 Development of Computed Tomography and Digital Radiography for Yes \$97,964 \$43,104 \$141,068 \$141,0	Engineering (College of	<u> </u>	Reporting Cash Received?	Discoul Occur	La Parati Ocat	_	Dept Award
C-120117-02 Electrical and Mechanical Modeling of Constellation Power Systems			paring Department of	<u>Received?</u>	Direct Cost	Indirect Cost	lotal Award	Credit
Role Name Department NaSA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC	C-120117-02		<u> </u>	s Yes	\$22.360	\$0	\$22.360	\$22.360
Pi/PD Keith, Theo G. Mechanical, Industrial, and Manufacturing Engineering, Departm 100	10/1/08 to 9/30/09	NASA John H. Glenn Researc			4 ,	**	V =,000	,
C-12203-02 Tribological Investigations Involving Mechanical and No \$7,867 \$1,650 \$9,517 Thermomechanical Systems 7/18/11 to 8/31/11 NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC Role Name Department PI/PD Keith, Theo G. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119941-01 Development of Computed Tomography and Digital Radiography for Yes \$97,964 \$43,104 \$141,068 \$141,068 Aerospace Materials and Facilities Operations NASA John H. Glenn Research Center at Lewis Field Role Name Department PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,666 \$331/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Overland Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,666 \$331/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 NASA John H. Glenn Research Center at Lewis Field								
Thermomechanical Systems NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC Role PI/PD N-119941-01 Development of Computed Tomography and Digital Radiography for Yes \$97,964 Aerospace Materials and Facilities Operations NASA John H. Glenn Research Center at Lewis Field Role PI/PD Role PI/PD Role Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 N-11997-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 Advanced High-Temperature Materials Developed for Improved Material Performance NASA John H. Glenn Research Center at Lewis Field Role Role PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn Departnent PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 Systems for Aeronautic and Space Exploration NASA John H. Glenn Research Center at Lewis Field Role PI/PD Role Name Department Oc-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 0 Systems for Aeronautic and Space Exploration NASA John H. Glenn Research Center at Lewis Field Role PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn NASA John H. Glenn Research Center at Lewis Field Role PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn NASA John H. Glenn Research Center at Lewis Field Role PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering,				cturing Engineer	<u> </u>			
Role PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departn 100	C-122023-02			No	\$7,867	\$1,650	\$9,517	\$9,517
Role Name Department Name Department Name Na								
Role PI/PD Keith, Theo G. Department Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119941-01 Development of Computed Tomography and Digital Radiography for Yes \$97,964 Aerospace Materials and Facilities Operations 1/1/08 to 12/31/12 NASA John H. Glenn Research Center at Lewis Field Role PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 Co-I Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 Advanced High-Temperature Materials Developed for Improved Material Performance NASA John H. Glenn Research Center at Lewis Field	7/18/11 to 8/31/11		h Center at Lewis Field through QinetiQ N	North America				
PI/PD Keith, Theo G. Mechanical, Industrial, and Manufacturing Engineering, Departn 100	Role	·	Department			% Credit		
Aerospace Materials and Facilities Operations NASA John H. Glenn Research Center at Lewis Field Role Name Department PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departn N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance NASA John H. Glenn Research Center at Lewis Field Role Pi/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn Department Mechanical, Industrial, and Manufacturing Engineering, Departn Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn ON-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field				cturing Engineer	ing, Departn			
Aerospace Materials and Facilities Operations NASA John H. Glenn Research Center at Lewis Field Role Name Department PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departn N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance NASA John H. Glenn Research Center at Lewis Field Role Pi/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn Department Mechanical, Industrial, and Manufacturing Engineering, Departn Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn ON-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field	N-119941-01	Development of Computed T				\$43,104	\$141,068	\$141,068
Role PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance N/ASA John H. Glenn Research Center at Lewis Field Role PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departin 100 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field Role NASA John H. Glenn Research Center at Lewis Field					. ,	. ,	. ,	. ,
PI/PD Rauser, Richard W. Mechanical, Industrial, and Manufacturing Engineering, Departn Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance 8/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn On Mechanical, Industrial, and Manufacturing Engineering, Departn On N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department NASA John H. Glenn Research Center at Lewis Field Role Name Department Nechanical, Industrial, and Manufacturing Engineering, Departn On NASA John H. Glenn Research Center at Lewis Field Role Name Department Nechanical, Industrial, and Manufacturing Engineering, Departn On NASA John H. Glenn Research Center at Lewis Field Role Name Department Nechanical, Industrial, and Manufacturing Engineering, Departn On Nasa John H. Glenn Research Center at Lewis Field	1/1/08 to 12/31/12	NASA John H. Glenn Researc	h Center at Lewis Field					_
Co-I Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance N-ASA John H. Glenn Research Center at Lewis Field Role PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 Systems for Aeronautic and Space Exploration NASA John H. Glenn Research Center at Lewis Field Role Name Department PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Mechanical Mechanical 100 Mechanical Manufacturing Engineering, Departn 100 Mechanical Mechanical 100 Mechanical Mechanical 100	Role	<u>Name</u>	<u>Department</u>			% Credit		
N-119973-01 Microstructural Analysis and Structure-Property Correlation in Yes \$273,486 \$120,334 \$393,819 Advanced High-Temperature Materials Developed for Improved Material Performance 3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departing 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departing 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$331/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departing 100 \$60,700 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$	· ·	•				100		
Advanced High-Temperature Materials Developed for Improved Material Performance 3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$231/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 0 Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Role Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Role Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100				cturing Engineer	<u> </u>			
Performance 8/31/107 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Nechanical, Industrial, and Manufacturing Engineering, Departn 0 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Nechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Mechanical, Industrial, and Manufacturing Engineering, Departn	N-119973-01				\$273,486	\$120,334	\$393,819	\$393,819
Role Name Department Name Department Name Department Name Nam		•	Materials Developed for Improved Ma	terial				
Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn	0/04/07 (- 0/00/40		h Osstavatla is Field					
PI/PD Garg, Anita Mechanical, Industrial, and Manufacturing Engineering, Departin 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departin 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$301/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department Pi/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departin 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departin			_			0/ 0 !!!		1
Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn 0 N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 \$301/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role				-t	D			
N-119977-01 Extended Durability of Materials in Advanced Propulsion and Power Yes \$153,931 \$67,729 \$221,660 \$221,660 Systems for Aeronautic and Space Exploration 3/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department % Credit PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn								
Systems for Aeronautic and Space Exploration 8/31/07 to 8/30/12 NASA John H. Glenn Research Center at Lewis Field Role Name Department % Credit PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn					<u> </u>		\$224 EED	\$224 66 0
Role Nasa John H. Glenn Research Center at Lewis Field Role Name Department Mechanical, Industrial, and Manufacturing Engineering, Departm 100 Co-Pl Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departm 100 Mechanical, Industrial, Industr	N-119977-01			:1 165	\$155, 9 51	Ф 01,129	\$221,00U	\$221,00U
RoleNameDepartment% CreditPI/PDLocci, Ivan E.Mechanical, Industrial, and Manufacturing Engineering, Departn100Co-PIAfjeh, Abdollah A.Mechanical, Industrial, and Manufacturing Engineering, Departn	8/31/07 to 8/30/12							
PI/PD Locci, Ivan E. Mechanical, Industrial, and Manufacturing Engineering, Departn 100 Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn						% Credit		
Co-PI Afjeh, Abdollah A. Mechanical, Industrial, and Manufacturing Engineering, Departn				cturina Engineer	ing. Departn			
	N4709981101	NASA John H. Glenn Resear			•			\$127,047

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Mechanical, Industrial, and Manufactur		<u>Direct Cost</u>	mancot Cost	Total/twara	Orcait

Engineering, College of	Direct Cost	Indirect Cost	<u>Dept</u> Total Award	<u>Award</u>

Engineering, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>Γ</u> <u>Total Award</u>	Dept Award Credit
Mechanical, Industrial, and Manufacturing Engineering, Department of		<u>Direct Goot</u>	manoor ooor	<u>Total / Wara</u>	Orodit
N-123293-01					\$75,000

	.	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 Received	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit

oreign Languages	iterature and Social Sci	ences, College of Rec		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
C-119920-06 4/1/11 to 3/31/12	Student Teacher Assistants Japanese School of Toledo		No	\$7,080	\$708	\$7,788	\$7,788
Role PI/PD	Name Hara, Joseph	Department Foreign Languages, Department of			<u>% Credit</u> 100		
C-119920-07 4/1/12 to 3/31/13	Student Teacher Assistants Japanese School of Toledo		No	\$9,072	\$907	\$9,979	\$9,979
Role PI/PD	<u>Name</u> Hara, Joseph	<u>Department</u> Foreign Languages, Department of			<u>% Credit</u> 100		
Securemby and Die	nning Department of	Sum of Department (Foreign Languages	s, Depart	ment of) Awa	ard Count: 2.00		\$17,767
C-120628-04 10/1/11 to 5/31/13	nning, Department of Analyzing Regional Freight Info U.S. Department of Transportation	ormation Resources on through University of Wisconsin - Madison	No	\$138,890	\$61,110	\$200,000	\$50,000
Role PI/PD Co-I Co-I	Name Lindquist, Peter S. Smirnov, Oleg A. Sundararag	Department Geography and Planning, Department of Economics, Department of			<u>% Credit</u> 25 25		

Languages, L	iterature and Social Sc	iences, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Psychology, Depar	tment of						
N-122930-01 11/1/11 to 10/31/12	A Preliminary Neuroimaging S Following a Motor Vehicle Acc	tudy of the Development of PTSD ident	No	\$25,000	\$0	\$25,000	
Role PI/PD 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		
		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, Col	lege of		Reporting Cash Received?	Direct Cost	Indirect Cost	<u>Total Award</u>	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	\$787,111	\$13,921	\$801,032	\$801,032
Role PI/PD	<u>Name</u> Vasquez, Kathleen	<u>Department</u> AHEC			<u>% Credit</u> 100		
Piochamistry ⁹ Co.	near Riology Department of		Sum of Departmen	t (AHEC) Awa	ard Count: 1.00		\$801,032
C-010087-24	ncer Biology, Department of Digitalis-Induced Signaling by	Cardiac Na+/K+-ATPase	No	\$1,077,707	\$375,647	\$1,453,354	\$1,453,354

Medicine, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit

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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	Reporting Cash Received?				<u>Dept Award</u> <u>Total Award</u> <u>Credit</u>		
Medicine, College of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>		
Med Microbiology & Immunology, Department of							
C-121922-02					\$108,000		

				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ledicine, Departme							
C-122214-02	Receptor Na/K-ATPase Antag Renal/Cardiac Diseases	jonists As Novel Therapeutics For	No	\$400,506	\$163,935	\$564,441	\$282,22
6/1/12 to 5/1/13	National Institutes of Health						
Role	<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-100773-01		ARFlex Septal Closure System vs. Best	Yes	\$2,035	\$509	\$2,544	
		with a Stroke and/or Transient Ischemic					
		radoxical Embolism through a Patient					
	Foramen Ovale (CLOSURE 1)					
7/18/03 to 5/19/11	NMT Medical, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tietjen, Gretchen	Neurology, Department of			100		
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Hafeez, Faizan	Neurology, Department of					
Co-I	Thomas, William J.	Medicine, Department of					
N-101051-01		udy: An Observational Study of Treatm	ent, Yes	\$400	\$100	\$500	\$500
		Patients with Follicular Non-Hodgkin's					
- /- /- / - / - /- / - /	Lymphoma						
9/29/04 to 9/28/12	Genentech, Inc.						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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	.,	A.	A 1.222	*****	
N-101088-01	Carotid Revascularization En	•	Yes	\$4,800	\$1,200	\$6,000	
1/3/05 to 1/2/11	National Institute of Neurologic Dentistry of New Jersey	al 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.	Sur					
							I

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 3 ,5 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, Col	lege of	<u>Rep</u>	orting Cash Received?	Direct Cost	Indirect Cost	<u>Γ</u> Total Award	Dept Award Credit
Medicine, Departme	ent of						
N-120191-01 1/15/08 to 1/14/12	Comparing Effects of Treatmer Atorvastatin 80 mg on Atheros	clerotic Disease Burden Measured by s with Coronary Artery Disease Who	Yes	\$16,142	\$4,036	\$20,178	\$18,160
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 of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 70 10 10 10		
N-120445-01 8/11/08 to 8/10/12		Prospective Observational Study of the Optimized Background Therapy in Infected Patients	Yes	\$4,300	\$1,075	\$5,375	\$5,37
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-120515-01	Study of the Long-term Safety Opioid-induced Bowel Dysfund	and Efficacy of Drug in Patients with ction					\$1,000

Medicine, Co	ollege of	<u>Re</u>	eporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	<u>Dept Award</u> Credit
/ledicine, Depart				<u>Direct Cost</u>	indirect Cost	lotal/twara	Orcan
N-120812-01	A Clinical Outcome of Darap Chronic Coronary Heart Dise	ladib versus Placebo in Subjects with ease to Compare the Incidence of Major	Yes	\$5,722	\$1,430	\$7,152	\$7,15
10/10/08 to 10/17	Adverse Cardiovascular Eve 7/12 GlaxoSmithKline	nts (MACE)					
Role PI/PD PI/PD	<u>Name</u> Pandya, Utpal Tinkel, Jodi Lee	<u>Department</u> Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
Co-I Co-I Co-I	Burket, Mark Colyer, William R. Cooper, Christopher	Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of					
N-120829-01		ebo Controlled Clinical Trial to Evaluate					\$28,54

Medicine, College of			orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
ledicine, Departme	ent of						
N-121058-01 5/19/09 to 5/18/10	A Randomized, Open-Label, Parallel-Group, Multicenter Study to Determine the Efficacy and Long-Term Safety of Albiglutide Compared with Insulin in Subjects with Type 2 Diabetes Mellitus GlaxoSmithKline			\$1,200	\$300	\$1,500	\$1,50
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	A Randomized, Double-Blind, Placebo-and Active-Controlled, Parallel-Group, Multicenter Study to Determine the Efficacy and Safety of Albiglutide Administered in Combination with Metformin and Glimepiride GlaxoSmithKline			\$1,400	\$350	\$1,750	\$1,75
Role PI/PD Co-I Co-I	<u>Name</u> Hejeebu, Srini K. Iwuagwu, Cletus U. Williams, Julie A.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-121458-01	A 52-week efficacy and safe	y study to compare the effect of three sone Furoate/GW642444 Inhalation Powde	er				\$6,485

Medicine, Col	lege of	110	eporting Cash Received?	Direct Cost	Indirect Cost	<u>Total Award</u>	Dept Award Credit
Medicine, Departme	ent of						
N-121503-01	Cordis CYPRESS Trial (P09-6301		Yes	\$8,240	\$2,060	\$10,300	\$10,300
11/13/09 to 11/12/1	2 Cordis Corporation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Colyer, William R.	Medicine, Department of			100		
Co-I	Burket, Mark	Medicine, Department of					
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					<u> </u>
N-121504-01		Efficacy and Safety of Fluticasone	Yes	\$3,400	\$850	\$4,250	\$4,250
	Furoate (FF)/GW642444 Inhalation						
		ily (AM) Via a Novel Dry Powder Inha	aler				
0/00/00 (- 0/07/40	Compared with Placebo in Subjection	ects with Chronic Obstructive					
8/28/09 to 8/27/10	GlaxoSmithKline						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			100		
Co-I	Assaly, Ragheb	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-I	Olson, Dan	Medicine, Department of					
Co-I	Willey, James	Medicine, Department of					
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of	lad Vaa	\$50.050	^	\$50.050	#50.350
N-121535-01		zed, Double-Blind, Placebo-Controll	ed Yes	\$59,352	\$0	\$59,352	\$59,352
		nd Safety of Peramivir Administer	-n4-				
	Who are Hospitalized Due to Sea	ndard of Care in Adults and Adolesco	ents				
10/20/00 to 10/20/1	2 BioCryst Pharmaceuticals, Inc.	ious illitueriza					
		Department			0/ Cradit		1
Role	Name	Department No dising Page transport			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			100		
Co-I Co-I	Apostolis, Michael A.	Medicine, Department of					
Co-I	Assaly, Ragheb Avasthi, Salil	Medicine, Department of					
Co-I	TiBauomizeebeccuti6467e, D	enartment of					
00-1	Tibadomizeebecculo407e, b	ерантет от					

Medicine, Coll	lege of	Re	oorting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Medicine, Departme	_ _			<u>Direct Goot</u>	manoer coer	<u> 10tai 7 twara</u>	<u>Orodit</u>
N-121592-01 2/24/10 to 2/23/13	A Randomized, Multicenter, E Study of the Effects of JNJ-2	Double-Blind, Parallel, Placebo-Controlle 8431754 on Cardiovascular Outcomes in iabetes Mellitus (The CANVAS Trial) Dent, LLC		\$22,869	\$5,717	\$28,587	\$28,58
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-121691-01	Stabilization of Plaques Usin	g Darapladib - A Clinical Outcomes Stud	y				\$29,23

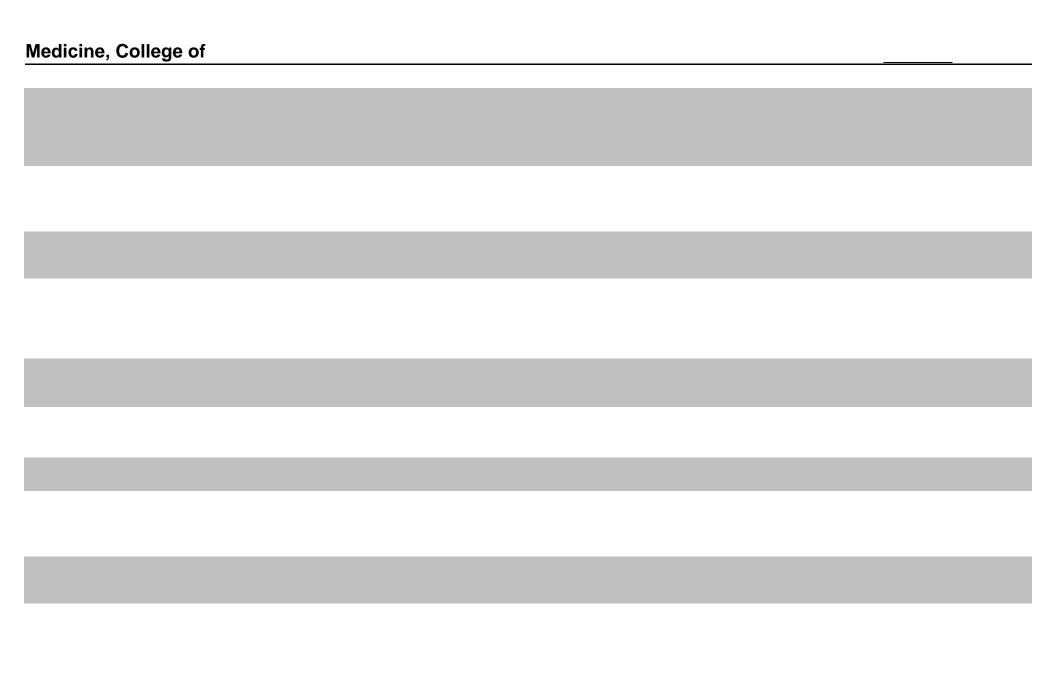
Medicine, Col	logo of	Re	porting Cash			_	Dept Award
			Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme				A 11.500	**	ATO 170	ATO 070
N-121817-01 5/12/10 to 5/11/13	Study, Evaluating the Effect of			\$44,566	\$8,913	\$53,479	\$50,270
Role	Name	Department			% Credit		
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	lege of	<u>Re</u>	Received?	Direct Cost	Indirect Cost	_	Dept Award
			<u>ixeceiveu:</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme						• = =	
N-122062-01	Inherited Genetic Risk Factors C	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 Insti	tute					_
Role	<u>Name</u>	Department			% 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 e Department of					
Co-I	Simoff, Michael	-					
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of					
N-122175-01	AngelMed for Early Recognition	and Treatment of STEMI (ALERTS)					\$3,063
	RgniT0 v,7904 -1.1Uffin7SD-6 -1.	162ognA8Tc0 T\$6,125(ee)Tj 1041192	0 TD.0003 [T\$	6,125(Tj5 21(\$	(100)]T5.125797	6 0 TD562003 [TYe/PD)21

Reporting Cash

Dept Award



ledicine, Coll	ege ot		Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
ledicine, 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	ily Services through Ohio State Unive	ersity				
Role	<u>Name</u>	<u>Department</u>			% 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	ry	Yes	\$1,181	\$319	\$1,500	\$1,44
11/17/1 <mark>1 to 11/16/1</mark> 2	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		
N-123062-01		acebo Controlled, Parallel Group,	Yes	\$5,315	\$1,435	\$6,750	\$6,75
	•	Prevention of Thrombotic Events					
		on a Background of Acetyl Salicyl	С				
	Acid(ASA) Therapy in Patients w	ith History of					

Medicine, Co	llege of	porting Cash	D:		-	Dept Award
Medicine, Departm		Received?	Direct Cost	Indirect Cost	Total Award	Credit
N-123157-01 2/7/12 to 5/7/12	A Phase 2b Randomized, Double-Blind, Double-Dummy Trial of 100 of 200 mg Once-Daily Doses of Cenicriviroc (CVC, TBR 652) or Once-Daily EFV, Each with Open-Label FTC/TDF in HIV 1-Infected, Antiretroviral Treatment-Naïve, Adult Patients with Only CCR5 Tobira Therapeutics, Inc through Quintiles, Inc.		\$4,508	\$1,217	\$5,725	\$5,725
Role PI/PD Co-I Co-I	Name Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F. Department Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-123158-01 3/13/12 to 3/1	An Evaluation of the Burden of Illness Among Adults in the United States with Peripheral and Central Neuropathic Pain Pfizer, Inc.	Yes	\$3,543	\$957	\$4,500	\$4,500
3/13/12 (0 3/1	FIIZEI, IIIC.					

llege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ent of						
Options		No	\$16,250	\$0	\$16,250	\$16,250
		alth through Lucas	3			
<u>Name</u>	<u>Department</u>			% Credit		1
Duggan, Joan	Medicine, Department of			100		ı
Ryan White Part C (Title I	II) HIV Early Intervention Services (EIS)	No	\$36,152	\$1,848	\$38,000	\$38,000
Program HIV/AIDS Bureau						
<u>Name</u>	<u>Department</u>			% Credit		ı
Duggan, Joan	Medicine, Department of			100		i
	ent of Options Centers for Disease Contro County Regional Health Di Name Duggan, Joan Ryan White Part C (Title I Program HIV/AIDS Bureau Name Duggan, Joan	ent of Options Centers for Disease Control and Prevention & Ohio Department of Heat County Regional Health District Name Duggan, Joan Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program HIV/AIDS Bureau Name Duggan, Joan Department Duggan, Joan Medicine, Department Medicine, Department of	ent of Options Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District Name Duggan, Joan Medicine, Department of Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program HIV/AIDS Bureau Name Department	ent of Options Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District Name Duggan, Joan Medicine, Department of Ryan White Part C (Title III) HIV Early Intervention Services (EIS) No \$36,152 Program HIV/AIDS Bureau Name Duggan, Joan Medicine, Department of Medicine, Department of	ent of Options No \$16,250 \$0 Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District Name Department Duggan, Joan Medicine, Department of Department of 100 Ryan White Part C (Title III) HIV Early Intervention Services (EIS) No \$36,152 \$1,848 Program HIV/AIDS Bureau Name Department Duggan, Joan Medicine, Department of 100	ent of Options Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District Name Duggan, Joan Medicine, Department of Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program HIV/AIDS Bureau Name Duggan, Joan Medicine, Department Medicine, Department Medicine, Department Duggan, Joan Medicine, Department of

Medicine, College of	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
	<u> </u>	maneot ecot	Total 7 Wald	<u>Oroun</u>

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	Study of Retigabine in Adult Epilepsy Patients with Partia Seizures (Extension of Study VRX-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 Es the Efficacy and Safety of E2 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, College of	

Medicine, Co	ollege of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Depar	rtment of					
N-122627-01	Phase 3, OPEN-LABEL, MULTICENTER, FOLLOW-UP STUDY TO EVALUATE THE LONG-TERM SAFETY AND EFFICACY OF BRIVARACETAM USED AS ADJUNCTIVE TREATMENT IN SUBJECT AGED 16 YEARS OR OLDER WITH PARTIAL ONSET SEIZURES	Yes 'S	\$2,362	\$638	\$3,000	\$1,500

N-122778-01 A Double-blind, Randomized, Placebo-controlled, Multicenter, Yes \$6,457 \$1,743 \$8,200 Parallel-group Study with an Open-label Extension Phase to Evaluate the Efficacy and Safety of Adjunctive Perampanel in Primary Generalized Tonic-Clonic Seizures 2/16/12 to 2/15/13 Eisai Inc. Role Name Department % Credit Pl/PD Ali, Imran Neurology, Department of 30 Co-l Cole, Kimberly A. Neurology, Department of 10 Co-l Li, Hongyan Resid Prgm-Neurosciences 30 Co-l Ramsey-Williams, Vicki A. Resid Prgm-Neurosciences 30 N-122779-01 A Phase 2, Multicenter, Double-Blind, Randomized, Adjunctive	Open-label Extension Phase to Evaluate Ijunctive Perampanel in Primary izures Department
Parallel-group Study with an Open-label Extension Phase to Evaluate the Efficacy and Safety of Adjunctive Perampanel in Primary Generalized Tonic-Clonic Seizures 2/16/12 to 2/15/13 Eisai Inc. Role Name Department % Credit PI/PD Ali, Imran Neurology, Department of 30 Co-I Cole, Kimberly A. Neurology, Department of 10 Co-I Li, Hongyan Resid Prgm-Neurosciences 30 Co-I Ramsey-Williams, Vicki A. Resid Prgm-Neurosciences 30 N-122779-01 A Phase 2, Multicenter, Double-Blind, Randomized, Adjunctive	Open-label Extension Phase to Evaluate Ijunctive Perampanel in Primary izures Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences
PI/PD Ali, Imran Neurology, Department of 30 Co-I Cole, Kimberly A. Neurology, Department of 10 Co-I Li, Hongyan Resid Prgm-Neurosciences 30 Co-I Ramsey-Williams, Vicki A. Resid Prgm-Neurosciences 30 N-122779-01 A Phase 2, Multicenter, Double-Blind, Randomized, Adjunctive	Neurology, Department of 30 Neurology, Department of 10 Resid Prgm-Neurosciences 30 Resid Prgm-Neurosciences 30 Die-Blind, Randomized, Adjunctive \$16,22
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Placebo-Controlled Trial to Evaluate the Efficacy and Safety of YKP3089 in Subjects w	

Modicino Coll	logo of	· · · · · · · · · · · · · · · · · · ·					Dept Award
Neurology, Departn		<u>K</u>	eceived?	<u>Direct Cost</u>	Indirect Cost	<u>Iotal Award</u>	Credit
N-122789-01 9/20/11 to 9/19/12	Interest of Section 1			\$2,750			
Role PI/PD Co-I	Elmer, Lawrence	Neurology, Department of					
N-123152-01 2/10/12 to 5/19/13	Comprehensive Approach		No	\$100,000	\$0	\$100,000	\$100,000
Role PI/PD							
N-123247-01 3/12/12 to 3/11/13	Efficacy of Eslicarbazepine Ace Partial Epilepsy Not Well Control	tate Monotherapy in Subjects with	Yes	\$8,465	\$2,285	\$10,750	\$10,750
Role PI/PD Co-I Co-I Co-I	Ali, Imran Cole, Kimberly A. Li, Hongyan	Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences					
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			\$30,130	\$15,005	\$45,135	\$45,135
Role PI/PD	<u>Name</u>	<u>Department</u>					
C-120742-03 5/15/12 to 5/14/13	•	gy and Experimental Therapeutics	No	\$9,000	\$0	\$9,000	
Role PI/PD Co-I Co-I	Tietz, Elizabeth I. Abraham, Nader G. Beavis, Andrew	Phys Pharm Met/Cardio Science, Departr Phys Pharm Met/Cardio Science, Departr Phys Pharm Met/Cardio Science, Departr	ment of ment of		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, Co	ollege of	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Neurosciences, E						
C-120840-03	Mechanisms Controlling the Function and Development of Neuronal Nicotinic Synapses National Science Foundation	No	\$100,134	\$49,866	\$150,000	\$150,000

Madiaina Call	omo of		rting Cash			<u>]</u>	Dept Award
Medicine, Coll	ege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Pathology, Departm	ent of						
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 - I	National					
Role	Name_	Department			% Credit		
PI/PD	Hensley, Kenneth	Pathology, Department of			100		
N-122928-01	Cellular and Molecular Biology of	f Polycystic Kidney Disease	No	\$25,000	\$0	\$25,000	
11/1/11 to 10/31/12	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, Departr	nent of				
N-123314-01	Preclinical Evaluation of Photod	ynamic Therapy for the Treatment of	No	\$25,000	\$0	\$25,000	\$6,250
	Chronic Sinusitis						
5/1/12 to 4/30/13	ProMedica Health System						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Baugh, Reginald F.	Surgery, Department of			25		
Co-I	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of			25		
Co-I	Cameron, Brent D.	Bioengineerin					

		•		<u>Report</u>	<u>ing Cash</u>				ept Award
Medicine	e, Colle	ge of		<u>R</u> (eceived?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Pediatrics,	Departme	nt of							
N-122559-	01 0/20/12	Program Support - F Infectious Diseases.	Phase 1 Clinical Trial Unit for Therapeut Task Order 001 Illergy & Infectious Diseases through Clinic		Yes lanagemen	\$25,476	\$12,687	\$38,163	\$38,163
Ro		<u>Name</u>	<u>Department</u>				<u>%</u>		

Medicine, College of		

Medicine, Col	llege of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Pediatrics, Departr		<u> </u>	<u> </u>			<u> </u>
N-122662-01	A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel-group, Withdrawal Study to Evaluate the Safety and Efficac Delayed-released Rabeprazole in 1- to 11-Month-Old Pediatric Subj with Symptomatic/Erosive Gastroesophageal Reflux Disease (GER 12 Janssen Research & Development, LLC	ects	\$10,092	\$3,027	\$13,119	\$13,119
	<u>Department</u>					

Medic	ine, Coll	ege of	<u>Rep</u>	orting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Pediatric	cs, Departm	ent of						
N-1229	16-01 to 11/30/12	Coordinating Center	mestic Pediatric and Maternal HIV Studies alth & Human Development through Westat C		\$15,438	\$0	\$15,438	\$15,43
	<u>Role</u> PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
N-1233	03-01 o 2/1/13	Evaluation of a Novel Huma Abbott	n Milk Fortifier in Preterm Infants	Yes	\$15,217	\$0	\$15,217	\$15,21
	Role PI/PD	Name Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			<u>% Credit</u> 100		
R-0100	85-33	Regional Comprehensive G Ohio Departm,eor2C8(\$10.02	enetic Services 0 151.38dedermprPass-Th W)16.Fund54.94	No -re072001 T	\$202,999 c0014 Tw[10/	\$0 /1/51.70/1) 1 to 1	\$202,999	\$202,999

Medicine, Col	lege of	Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hys Pharm Met/Ca	ardio 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, D	igestive & Kidney Diseases				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD Co-I	Najjar, Sonia Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of		100		
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 In	stitute				
Role	<u>Name</u>	<u>Department</u>		% Credit		
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Science, Department of		100		
C-120629-04						\$42,232

Medicine, Col	lege of	Rep	oorting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Phys Pharm Met/Ca	ardio Science, Department of						
C-122145-02 7/29/11 to 9/29/12	Development of a 3- to 4-year Vaccine For Wild Horses Bureau of Land Management	r Controlled-Release PZP Contraceptive	No	\$476,191	\$123,810	\$600,001	\$600,001
Role PI/PD	<u>Name</u> Turner, John	<u>Department</u> Phys Pharm Met/Cardio Science, Depa	artment of		<u>% Credit</u> 100		
C-122214-02 6/1/12 to 5/1/13	Receptor Na/K-ATPase Anta Renal/Cardiac Diseases National Institutes of Health	gonists As Novel Therapeutics For	No	\$400,506	\$163,935	\$564,441	\$282,221
Role PI/PD PI/PD Co-I Co-I Co-I	<u>Name</u> Shapiro, Joseph Xie, Zi-Jian Liu, Jiang Liu, Lijun Tian, Jiang	Department Medicine, Department of Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of Phys Pharm Met/Cardio Science, Department of			<u>% Credit</u> 50 50		

Medicine, Col	lege of		Reporting Cash Received?	Direct Cost	Indirect Cost	Iotal Award	Dept Award Credit
	ardio Science, Department of		<u>received:</u>	Direct Cost	manect Cost	<u> 10tai Awatu</u>	Credit
N-122477-01-A1 3/8/12 to 2/28/13	Inflammatory Triggers of Po National Institutes of Health	lycystic Ovarian Syndrome	No	\$124,567	\$62,034	\$186,601	\$186,60
Role PI/PD	<u>Name</u> Hill, Jennifer E.W.	<u>Department</u> Phys Pharm Met/Cardio Scienc	e, Department of		<u>% Credit</u> 100		
N-122488-01 1/1/12 to 12/31/12	CEACAM1: A link between r National Institutes of Health	netabolic and cardiovascular diseas	ses No	\$263,471	\$124,292	\$387,763	\$387,76
Role PI/PD	<u>Name</u> Na	<u>Department</u>			% Credit		

Medicine, College of	

Medicine, Col	llege of		Reporting Cash Received?	Dina at Cast	In diagram Cook		Dept Award
sychiatry, Depart			<u>iteceiveu:</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
R-010532-17	General Residency Trainin	g Program	No	\$38,100	\$1,900	\$40,000	\$40,000
7/1/11 to 6/30/12	Ohio Department of Mental I	Health					
Role PI/PD	<u>Name</u> Smith, Mary Kay	<u>Department</u> Psychiatry, Department of			<u>% Credit</u> 100		
R-101221-04	Risk and Resilience Factor	rs for Combat-Related Posttraumatic	No	\$328,110	\$114,839	\$442,949	\$442,94
10/1/11 to 9/30/12	Psychopathology and Pos U. S. Army Medical Researd Cleveland	ch and Materiel Command through Univer	rsity Hospitals of				
Role	<u>Name</u>	<u>Department</u>					

Madiaina Cal	llana of	<u>Rep</u>	orting Cash			<u>]</u>	Dept Award
Medicine, Col	lege of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Radiation Oncolog	y, Department of						
N-121660-01-A1 9/1/11 to 8/31/12	Brachytherapy and Hyperther	rachytherapy Seed for Concurrent mia Treatments in Prostate Cancer ough Best Medical International, Inc.	No	\$49,765	\$19,803	\$69,568	\$69,568
Role PI/PD Co-I Co-I	<u>Name</u> Parsai, E Ishmael Feldmeier, John Shvydka, Diana	<u>Department</u> Radiation Oncology, Department of Radiation Oncology, Department of Radiation Oncology, Department of			<u>% Credit</u> 100		
N-122879-01 6/6/12 to 6/5/13	Joint Initiative in a New Type of Nuclear Regulatory Commission		No	\$75,191	\$37,445	\$112,636	\$56,318
Role PI/PD Co-I Co-I	<u>Name</u> Feldmeier, John Anderson, Lawrence S. Shvydka, Diana	<u>Department</u> Radiation Oncology, Department of Physics and Astronomy, Department o Physics and Astronomy, Department o			<u>% Credit</u> 50 50		
		Sum of Department (Radiation Onco	logy, Depart	ment of) Awa	ard Count: 1.50	<u></u>	\$125,886

Radiology, Department of

A Multi-Center Double-Blind Parallel-TaN--012 1 Tf0 10.02 -10.02 0 236.4 558.78 epartm5.18 5-.PTc-.0023 Tw[(dka, Diana)-67 255.06 1\$10,225m-.00 N-122744-01

Medicine, Co	ollege of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Resid Prgm-Medi	cine					
N-120191-01	A 104-week, Randomized, Double-blind, Parallel Arm, Phase IIIb S Comparing Effects of Treatment with Rosuvastatin 40 mg or Atorvastatin 80 mg on Atherosclerotic Disease Burden Measured					\$2,018

Medicine, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Resid Prgm-Medicine		<u> </u>			<u> </u>
N-121817-01					\$3,209

Medicine, College of		Received?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>	
esid Prgm-Medicir							
N-123060-01	Breviblock Observational Re		Yes	\$1,181	\$319	\$1,500	\$6
	Planter Healthcare Corporation				0/ 0 == =!!+		
Role PI/PD Co-I Co-I	Name Hammersley, Jeffrey Apostolis, Michael A. Assaly	<u>Department</u> Medicine, Department of Resid Prg hrels/positoihre e, Je			<u>% Credit</u> 89 1		

Reporting Cash

Dept Award

edicine, College of

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	V	A2 45-	% Credit 100	40.000	
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.	Department 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.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 70 10 10 10		

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Medicine, College of	Reporting Cash	D:			Dept Award
	Received?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
Resid Prgm-Neurosciences N-122780-01 A Randomized, Multicenter, Double Blind, Placebo-Control	olled				\$1,800
A Kandomized, Mandomeri, Double Billia, Flacebo-Gonta	oncu,				Ψ1,000

<i>l</i> ledicine, Coll	lege of		Received?	Direct Cost	Indirect Cost	Total Award	Cred
urgery, Departmer	nt of						
C-122062-02	Inherited Genetic Risk Factors C	ommon to COPD and Lung Cancer	No	\$324,599	\$141,014	\$465,613	
5/17/12 to 4/30/13	National Heart, Lung & Blood Instit	tute					
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	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						
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of					
N-100685-01	A Double-blind, Placebo-controll Intravenous Ovarex MAb-B43.13 for Epithelial Carcinoma of Ovar	as Post-chemotherapy Consolidatio	Yes n	\$14,731	\$3,683	\$18,413	

Reporting Cash

Dept Award

Medicine, Col	lege of	eporting Cash Received?	Discoul Occur	La Parati Orași		Dept Award
Surgery, Departmen		<u>Received?</u>	Direct Cost	Indirect Cost	Total Award	Credit
N-100704-01-W18		of No	\$298,000	\$12,450	\$310,450	\$310,450

Medicine, C	edicine, College of		Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Surgery, Departr	ment of					
N-120974-01	A Phase III, Randomized, Controlled, Op					\$5,500

Medicine, Co	llege of	<u>K</u>	eporting Cash Received?	Direct Cost	Indirect Cost	<u>L</u> Total Award	<u>Dept Awa</u> <u>Credit</u>
urgery, Departme	ent of						
N-122062-01	Inherited Genetic Risk Factors C	Common to COPD and Lung Cancer	No	\$384,531	\$167,341	\$551,872	
7/1/11 to 4/30/12	National Heart, Lung & Blood Insti	tute					
Role	Name	Department			% 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					
I-122175-01							\$3,

Mar Patrice Calling and	Reporting Cash			<u>Dept Award</u> <u>Total Award</u> <u>Credit</u>	
Medicine, College of		Direct Cost	Indirect Cost	Total Award	Credit

Madialna Callana of	Reporting Cash				Dept Award	
Medicine, College of	Received? <u>Di</u>	irect Cost	Indirect Cost	Total Award	Credit	
	Sum of Department (Urology, Department	Sum of Department (Urology , Department of) Award Count:				
	Sum of College (Medicine, College	ge of) Awa	rd Count: 197.74		\$21,889,759	

Natural Science	ces & Mathematics, Co	llege of	orting Cash Received?	Dina at Oa at	la dina at Oa at	_	Dept Award
	<u>·</u>		Received:	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Biological Sciences C-109000-08	•	nd Environmental Stress in Plants	No	\$94,912	\$9,491	\$104,403	\$10,44
3/16/11 to 3/15/12	U.S. Department of Agriculture	la Environmental otress in Flants	140	Ψ3-1,312	Ψ3,431	Ψ104,403	Ψ10,
Role PI/PD Co-I	Name Heckathorn, Scott Alan Gray, John	<u>Department</u> Environmental Sciences, Department of Biological Sciences, Department of	of		<u>% Credit</u> 90 10		
C-110094-05	Locomotion in Parasitic Nema	• •	No	\$220,523	\$97,030	\$317,553	\$317,55
2/1/12 to 1/31/13	National Institute of Allergy & Inf	ectious Diseases			. ,	,	,
Role PI/PD PI/PD Co-I	<u>Name</u> Komuniecki, Richard Komuniecki, Richard Bamber, Bruce A.	Department Biological Sciences, Department of Graduate Studies, College of Biological Sciences, Department of			% Credit 100 0 0		
C-121364-02	·	in Prolactin-Dependent Signaling	No	\$205,425	\$93,468	\$298,893	\$298,89
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	\$52,99
7/1/11 to 6/30/12	U.S. Department of Agriculture to	hrough University of Wisconsin-Milwaukee					
Role PI/PD Co-I Co-I	<u>Name</u> Stepien, Carol Leaman, Douglas W. Willey, James	Department Lake Erie Soil and Water Research an Biological Sciences, Department of Medicine, Department of	d Education (Center	<u>% Credit</u> 34 33 33		
C-122131-02	Complex	unction of the Mitotic Checkpoint	No	\$146,535	\$66,673	\$213,208	\$213,20
3/1/12 to 2/28/13	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 4/1/12 to 3/31/13	Regulation of Sororin Function National Institutes of Health	n by Mitotic Phosphorylation	No	\$300,000	\$136,500	\$436,500	\$436,50
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>%</u>		

Natural Scien	ces & Mathematics, C	college of	eporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Biological Science				<u>Direct Oost</u>	indirect Cost	Total Award	Orcuit
N-122715-01 9/1/11 to 8/31/12	Electrophysiology of C. eleg Whitehall Foundation	ans Behavioral Circuitry	Yes	\$30,000	\$0	\$30,000	\$30,000
Role PI/PD	<u>Name</u> Bamber, Bruce A.	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
N-123315-01		<u> </u>					\$12,500

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 Sum of Department Chemistry Department Department Chemistry Department Chemistry Department Department Chemistry Departmen	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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					Indirect Cost		
nvironmental Scie	nces, Department of						
C-120506-03		Flow Dynamics: Identification of npling and Application of Downhole	No	\$24,122	\$10,976	\$35,098	\$35,09
Role	Name	Department			% Credit		1
PI/PD	Martin-Hayden, James M.	Environmental Sciences, Department	of		100		
C-121039-03 9/1/11 to 8/31/13		Microbial Control of Litter Decay at the	No	\$147,131	\$64,737	\$211,868	\$211,86
Role	Name	Department			% Credit		
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department			75		
Co-I	Moorhead, Daryl Lee	Environmental Sciences, Department			25		
C-121468-03	Direct Assessment Using Clus	•	No	\$98,207	\$34,410	\$132,617	\$132,61
2/10/12 to 8/30/12	U.S. Department of Energy throu	gh University of Wisconsin System					•
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chen, Jiquan	Environmental Sciences, Department	of		100		
C-121797-02	The Lake Erie Nearshore and C	Offshore Nutrient Study (LENONS)	No	\$18,700	\$8,509	\$27,209	\$13,60
9/1/11 to 8/31/12	U.S. Environmental Protection Ag	gency through Buffalo State College					
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 Lake Erie Soil and Water Research an Environmental Sciences, Department Lake Erie Soil and Water Research an	d Education (of		<u>% Credit</u> 25 25 25 25 25		
N-122626-01 7/1/11 to 6/30/12	Maumee AOC, Wolf Creek: Pas Nearshore Health and Reduce U.S. Environmental Protection Ag		No	\$706,946	\$72,776	\$779,722	\$389,86
Role	·				% Credit		1
PI/PD	<u>Name</u> Dwyer, Daryl	<u>Department</u> Environmental Sciences, Department	of		<u>% Credit</u> 50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research an		Center	50 50		
N-122645-01 8/3/11 to 7/30/12		Invasives: Buckthorn in the Oak	No	\$13,500	\$1,350	\$14,850	\$14,85
		Donartment			0/ Cradit		1
Role PI/PD	<u>Name</u> Becker, Richard	<u>Department</u> Environmental Sciences, Department	of		<u>% Credit</u> 100		
	Decker, Richard	ETIVITOTITIETILAL OCIETICES. DEDAILMENT	JI		100		1

Jatural Scion	ces & Mathematics, Col	lage of	porting Cash				Dept Award
		lege oi	Received?	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
	ences, Department of						
N-122729-01		rm Great Lakes Fellowship Program	No	\$23,000	\$0	\$23,000	\$23,000
7/1/11 to 6/30/12		ic Administration through University of M	ichigan				7
Role PI/PD	Name Mayer, Christine Marie	<u>Department</u> Environmental Sciences, Department	of		<u>% Credit</u> 100		
N-122771-01	Phytoremediation of Brownfield	ds in Toledo, Ohio	No	\$420,142	\$58,134	\$478,276	\$478,276
3/1/12 to 6/30/1	U.S. Forest Service through Ohio	Department of Natural Resources					

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

Natural Scier	nces & Mathematics, College of	Reporting Cash Received?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Physics and Astro	nomy, Department of					
C-120233-04	Key Insights on Nearby Galaxies: A Far-Infrared Survey with He	erschel No	\$22,834	\$10,390	\$33,224	\$33,224

iaturai Sciend	ces & Mathematics, Coll	ege of <u>F</u>	ting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
hysics and Astron	omy, Department of						
N-121359-03 1/1/10 to 12/31/12	The Transition from Diffuse Mol Ultraviolet CO Measurements National Aeronautics and Space	ecular Clouds to Dark Clouds Through	Yes	\$35,522	\$16,162	\$51,684	\$51,684
Role PI/PD	<u>Name</u> Federman, Steven R.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-122027-01 7/20/11 to 12/31/12	Regions	pitzer Census of Clustered Star Forming Administration through University of Massac		\$5,343	\$2,431	\$7,774	\$7,774
Role PI/PD	Name Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-122108-01	•	quence Turn-Offs and Dual Red Clumps -10.02	No DD0 103stitt	\$4,830 ute to 1	\$2,198	\$7,028	\$7,028

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
PI/PD Collins, Robert W. Physics and Astronomy, Department of 100 100,002	9/1/11 to 8/31/12	Nippon Electric Glass	·					
No. \$18,242 \$100,002 \$100	Role	<u>Name</u>	Department			% Credit		
Post Process	PI/PD	Collins, Robert W.	Physics and Astronomy, Department o	f		100		
Role Name Collins, Robert W. Physics and Astronomy, Department of 100	N-122864-01-W2	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 100	9/1/11 to 8/31/12	Techneglas						
N-122870-01 Theoretical Study of Lattice Defects and Transition Metal Impurities in Si Si Si Si Si Si Si S						% Credit		
Si Place Name Department of Energy through Alliance for Sustainable Energy LLC		•						
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	10/00/11 to 10/10/1	<u> </u>	wash Allianaa far Cuatainabla Francus II.C					
Pi/PD Yan, Yanfa Physics and Astronomy, Department of 100						0/ 0 = = = -		1
N-122879-01 Joint Initiative in a New Type of Nuclear Radiation Detector No \$75,191 \$37,445 \$112,636 \$56,318				f				
Role Name Department Pl/PD Feldmeier, John Radiation Oncology, Department of 50 50 50 50 50 50 50 5		•			¢75 101		¢112 626	¢EC 240
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				NO	\$75,191	φ3 <i>1</i> ,445	\$112,030	φυσ,υ ι ο
PI/PD		• ,				9/ Cradit		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								
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 thro	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	<u>Name</u>	Department			% Credit		
2/15/12 to 2/14/13 U.S. Department of Energy through Alliance for Sustainable Energy LLC Role Name Department Pl/PD Yan, Yanfa 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 Pl/PD Heben, Michael J. 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 W. Credit W. Credit Credit W. 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 Phillips, Adam B. Physics and Ast		<u>Name</u>	<u>Department</u>			% Credit		
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 PH/PD Heben, Michael J. Physics and Astronomy, Department of So 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 Name Department Manuer Manu	PI/PD	,		f		100]
Role Name Department	N-122972-01	•		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 So Physics and Astronomy, Department of So Physics and So Physics and Astronomy, Department of So Physics and So Physics and So Physics and Astronomy, Department of So Physics and So Physics and So Physics and So Physics and Astronomy, Department of So Physics and So Physics an	6/17/11 to 3/16/12	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 Nanocrystalline-SI 4/1/12 to 8/31/12 Air Products and Chemicals, Inc. Role Name Department Physics and Astronomy, Department of 50 \$33,000 \$33						% 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		iane 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
	PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department o	f		<u> </u>		

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Nursing, College of	Reporting Cash	Direct Cost	Indirect Cost	Total Award	Dept Award Credit

Other	Direct Cost	Indirect Cost	Total Award

041		<u>Rep</u>	orting Cash			<u>]</u>	Dept Award
Other			Received?	Direct Cost	Indirect Cost	Total Award	Credit
Intermodal Transpo	rtation Institute						
R-121554-02	Ice Prevention or Removal on the	e Veteran'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						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Nims, Douglas K.	Civil Engineering, Department of			60		
Co-I	Gruden, Cyndee	Civil Engineering, Department of			6		
Co-I	Martinko, Richard S.	Intermodal Transportation Institute			6		
Co-I		Mechanical, Industrial, and Manufactur			25		
Co-I	Stuart, Thomas A.	Electrical Engineering and Computer S	cience, Depa	rtment of	3		
S-121658-01-S3	Veteran's Glass City Skyway Sol	ar Array Performance Evaluation	No	\$12,470	\$0	\$12,470	\$12,470
8/3/11 to 6/30/12	Ohio Department of Transportation						
Role	Name	Department			% Credit		
PI/PD	Martinko, Richard S.	Intermodal Transportation Institute			100		
<u> </u>		Sum of Department (Intermodal Tran	sportation I	nstitute) Awa	ard Count: 2.06		\$65,443
		C C C (((,			4 00,110
Office of Research				A.	A.	*===	*
R-108632-09-S1	Support of Agricultural Research	of Mutual Interest	No	\$5,000	\$500	\$5,500	\$5,500
10/1/10 to 9/30/11	U.S. Department of Agriculture						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Calzonetti, Frank	Office of Research and Innovation			100		
S-121297-03-S1	Procurement Technical Assistan	ce Center	No	\$19,388	\$0	\$19,388	\$19,388
2/1/11 to 1/31/12	Defense Logistics Agency through	Ohio Department of Development					
Role	Name	Department			% Credit		
PI/PD	Reichert, Margaret Louise	Office of Research and Innovation			100		
Co-I	Puppos, Robin B.	Office of Research and Innovation					
S-121299-03-S1	Procurement Technical Assistan	ce Center	No	\$14,843	\$0	\$14,843	\$14,843
2/1/11 to 1/31/12	Ohio Department of Development			,		. ,	
Role	Name	Department			% Credit		
PI/PD	Reichert, Margaret Louise	Office of Research and Innovation			100		
Dir Ctr/Inst	Puppos, Robin B.	Office of Research and Innovation					
		Sum of Department (Office of Research					\$39,731

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

Other	Reporting Cash Received?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit

	Reporting Cash			D	ept Award
Pharmacy & Pharmaceutical Sciences, College of	Received?	Direct Cost	Indirect Cost	Total Award	Credit
Center for Drug Design and Development					
C-120014-03					\$87a03