

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

Proposal # Public Title
 Budget Period Sponsor(s)

Adult and Lifelong Learning, College of No \$14,478 \$6,625 \$31,103 Direct Cost Indirect Cost Total Award Dept Award Credit

2

Role	Name	Department	% 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

Role	Name	Department	% Credit
PI/PD	Waldock, Mary Jo Smith	Administration, University College	100
Co-I	Gore, Shanda L.	Administration, Unspecified	0

N-123253-01 Military Service Center Student Support Yes \$9,683 \$0 \$9,683 \$9,683
 1/1/12 to 12/31/12 U.S. Department of Veterans Affairs

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 6/30/12 US Department of Education

Co-I Nandkeolyar, Udayan and Planning, Department of Information Operations and Technology Management 33
 Sum of Department (Finance and Business Economics, De Award Count: 0.34 \$36,720

Business Innovation, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Information Operations and Technology Management						
C-120628-04	Analyzing Regional Freight Information Resources	No	\$138,890	\$61,110	\$200,000	\$100,000
<i>10/1/11 to 5/31/13 U.S. Department of Transportation through University of Wisconsin - Madison</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
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 Management			25	
Co-I	Vonderembse, Mark A.	Information Operations and Technology Management			25	
N-123038-01	LRD Waterways Transportation Rates Research	No	\$83,077	\$24,923	\$108,000	\$35,640
<i>1/1/12 to 12/31/12 U.S. Army Corps of Engineers through Marshall University Research Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
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 Management			33	
S-121259-01-S1	Supply Chain Case Study Automotive Supply Chain	No	\$10,792	\$4,910	\$15,702	\$15,702
<i>1/1/09 to 9/30/11 Wisconsin Department of Transportation through University of Wisconsin System</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Vonderembse, Mark A.	Information Operations and Technology Management			100	
Sum of Department (Information Operations and Technolog					Award Count: 1.83	\$151,342
Northwest Ohio Center for Labor-Management Cooperation						
N-123390-01	NOCLMC/WCEI	No	\$10,000	\$0	\$10,000	\$10,000
<i>1/1/12 to 4/30/12 Toledo Community Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Simon, Sandra L.	Northwest Ohio Center for Labor-Management Cooperation			100	
N-123442-01	NWO Center for Labor-Management Cooperation	No	\$20,000	\$0	\$20,000	\$20,000
<i>6/15/12 to 12/31/12 Toledo Community Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Simon, Sandra L.	Northwest Ohio Center for Labor-Management Cooperation			100	
Sum of Department (Northwest Ohio Center for Labor-Man					Award Count: 2.00	\$30,000
Sum of College (Business Innovation, College of)					Award Count: 4.17	\$218,062

Education - Health Science & Human Service, Judith Herb College of

Administration, HSHS-JHCOE

Education - Health Science & Human Service, Judith Herb College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Administration, HSHS-JHCOE						
N-122824-01	Northwest Ohio Tech Prep Service Center	No	\$579,370	\$50,380	\$629,750	\$629,750
<i>9/6/11 to 6/30/12</i>	<i>Ohio Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE		100		
N-122960-01	FY12 & 13 Tech Prep Support	No	\$41,252	\$2,171	\$43,423	\$43,423
<i>1/1/12 to 6/30/12</i>	<i>Ohio Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE		100		
N-123233-01	Tech Prep Perkins Reallocation Grant	No	\$23,757	\$1,250	\$25,007	\$25,007
<i>2</i>	<i>U.S. Department of Education through Ohio Department of Education</i>					



Education - Health Science & Human Service, Judith Herb College of Reporting Cash Received? Direct Cost Indirect Cost Total Award Dept Award Credit

Curriculum and Instruction, Department of

N-121454-01-A1	Networking Urban Resources with Teachers and University to enRich Early Childhood Science	No	\$2,509,145	\$775,374	\$3,284,519	\$2,299,163
7/1/11 to 6/30/13	National Science Foundation					

Role	Name	Department	% Credit
PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of	70
Co-I	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education	10
Co-I	Molitor, Scott C.	Bioengineering, Department of	20

R-121833-03	The Woodward MSP Partnership	No	\$308,082	\$21,106	\$329,188	\$164,594
7/1/11 to 6/30/12	U.S. Department of Education through Ohio Department of Education					

Role	Name	Department	% Credit
PI/PD	Arsie, Alessandro	Mathematics, Department of	50
Co-I	Shockey, Tod L.	Curriculum and Instruction, Department of	25
Co-I	Templin, Mark Arnold	Curriculum and Instruction, Department of	0
Co-I	Weber, William B.	Curriculum and Instruction, Department of	25

Sum of Department (Curriculum and Instruction, Departme Award Count: 3.20 **\$2,680,407**

Early Childhood, Physical, and Special Education

C-110186-05	Project EC-NET	No	\$92,593	\$7,407	\$100,000	\$100,000
8/1/11 to 7/31/12	U.S. Department of Education					

Role	Name	Department	% Credit
PI/PD	Welsch, Richard	Early Childhood, Physical, and Special Education	50
Co-I	Pindiprolu, Sekhar	Early Childhood, Physical, and Special Education	50

N-121454-01-A1	Networking Urban Resources with Teachers and University to enRich Early Childhood Science	No	\$2,509,145	\$775,374	\$3,284,519	\$328,452
7/1/11 to 6/30/13	National Science Foundation					

Role	Name	Department	% Credit
PI/PD	Czerniak, Charlene M.	Curriculum and Instruction, Department of	70
Co-I	Kaderavek, Joan N.	Early Childhood, Physical, and Special Education	10
Co-I	Molitor, Scott C.	Bioengineering, Department of	20

N-122620-01	Utilizing Advanced Technologies to Support Secondary Students Preparing for Employment	No	\$25,000	\$0	\$25,000	\$25,000
9/1/11 to 8/31/12	Lucas County Board of Developmental Disabilities					

Role	Name	Department	% Credit
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Education	100

N-122656-01	The PARTNER Project	No	\$138,889	\$11,111	\$150,000	\$150,000
1/1/12 to 12/31/12	U.S. Department of Education					

Role	Name	Department	% Credit
PI/PD	Dinnebeil, Laurie A.	Early Childhood, Physical, and Special Education	50
Co-I	McInerney, William F.	Early Childhood, Physical, and Special Education	50

Education - Health Science & Human Service, Judith Herb College of Reporting Cash Received? Direct Cost Indirect Cost Total Award Dept Award Credit

Early Childhood, Physical, and Special Education

N-122894-01	Transition Programs for Students with Intellectual Disabilities into High Education (TOPS)	No	\$13,890	\$1,111	\$15,001	\$15,001
<i>10/1/11 to 9/30/12</i>	<i>U.S. Department of Education through Ohio State University</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Education	100

R-121261-03	Career Exploration Program	No	\$4,364	\$436	\$4,800	\$4,800
<i>7/5/11 to 7/15/11</i>	<i>Lucas County Board of Developmental Disabilities</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Devlin, Patricia	Early Childhood, Physical, and Special Education	100

Sum of Department (Early Childhood, Physical, and Special Education) Award Count: 5.10 \$623,253

Educational Foundations and Leadership

N-122015-01	Supporting the Parents to Lead the Way: University, School & Community Collaboration	No	\$24,000	\$0	\$24,000	\$24,000
<i>11/15/10 to 1/31/12</i>	<i>Toledo Community Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership	100

Sum of Department (Educational Foundations and Leadership) Award Count: 1.00 \$24,000

Health and Recreation Professions

N-122675-01	Komen Care Groups	No	\$5,000	\$0	\$5,000	\$5,000
<i>10/21/11 to 10/20/12</i>	<i>Susan G. Komen for the Cure, Northwest Ohio</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Jordan, Timothy Ray	Health and Recreation Professions	50
Co-I	Thompson, Amy J.	Health and Recreation Professions	50

N-122914-01	Improving Primary & Secondary Prevention of Breast Cancer among LBT Women in NW Ohio: A Community Empowerment Approach	No	\$10,100	\$0	\$10,100	\$10,100
<i>5/1/12 to 4/30/13</i>	<i>Susan G. Komen for the Cure, Northwest Ohio</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Thompson, Amy J.	Health and Recreation Professions	100
Co-I	Jordan, Timothy Ray		

N-123020-01	BuzzKill	No	\$1,500	\$500	\$2,000	\$2,000
<i>9/1/11 to 5/31/12</i>	<i>Drug Free Action Alliance</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Glassman, Tavis J.	Health and Recreation Professions	100

Education - Health Science & Human Service, Judith Herb College of Reporting Cash Received? Direct Cost Indirect Cost Total Award Dept Award Credit

Health and Recreation Professions

N-123059-01	Teenage Pregnancy Prevention Evaluation	No	\$81,818	\$8,182	\$90,000	\$90,000
<i>1/1/12 to 9/30/12</i>	<i>Administration for Children and Families through Lucas County Job and Family Services</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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
<i>5/1/12 to 4/29/13</i>	<i>Joyce Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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
<i>7/1/11 to 6/30/12</i>	<i>Substance Abuse and Mental Health Services Administration through Ohio Department of Alcohol and Drug Addiction Services</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Glassman, Tavis J.	Health and Recreation Professions	100

Sum of Department (**Health and Recreation Professions**) Award Count: **6.00** **\$147,895**

Kinesiology, Department of

N-122605-01	Restoring Neuromuscular Function with Joint Mobilizations	No	\$1,000	\$0	\$1,000	\$1,000
<i>7/6/11 to 6/30/13</i>	<i>National Athletic Trainers' Association</i>					



Education - Health Science & Human Service, Judith Herb College of	Reporting Cash	Direct Cost	Indirect Cost	Total Award	Dept Award
	Received?				Credit
Sum of Department (Rehabilitation Sciences)				Award Count: 1.00	\$1,000
Sum of College (Education - Health Science & Human Serv)				Award Count: 23.30	\$4,333,285

Engineering, College of	Reporting Cash	Direct Cost	Indirect Cost	Total Award	Dept Award
	Received?				Credit

Administration, College of Engineering

N-122292-01	Coastal Ohio Wind Project for Reduced Barriers to Deployment of Offshore Wind Energy	No	\$409,529	\$90,471	\$500,000	\$0
<i>4/1/11 to 3/31/13</i>	<i>U.S. Department of Energy through Bowling Green State University</i>					

Role	Name	Department	% Credit
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Departm	100
Co-I	Kozar, Robert P.	Administration, College of Engineering	0

N-122496-01	Optimization and Sustainability of Converting Agricultural Animal Wastes into Biofuels	No	\$10,309	\$4,691	\$15,000	\$4,500
<i>8/15/11 to 8/14/12</i>	<i>U.S. Environmental Protection Agency</i>					

Role	Name	Department	% Credit
PI/PD	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	40
Co-I	Apul, Defne	Civil Engineering, Department of	30
Co-I	Leblanc, Steven E.	Administration, College of Engineering	30

N-122907-01	Design and Development of a Novel Car Seat Headrest to Minimize/Prevent Neck Injuries During Car Accidents	No	\$17,017	\$7,743	\$24,760	\$4,952
<i>9/14/11 to 6/13/12</i>	<i>Koc University</i>					

Role	Name	Department	% Credit
PI/PD	Goel, Vijay K.	Bioengineering, Department of	50
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of	10
Co-I	Demetropoulos, Constantine	Bioengineering, Department of	20
Co-I	Hefzy, Mohamed S.	Administration, College of Engineering	20

Sum of Department (**Administration, College of Engineering**) Award Count: **0.50** **\$9,452**

Bioengineering, Department of

C-120151-03	Multi-faceted Approach to Modeling ACL Injury Mechanisms	No	\$178,408	\$81,175	\$259,583	\$259,583
<i>5/1/11 to 4/30/12</i>	<i>National Institutes of Health through Ohio State University</i>					

Role	Name	Department	% Credit
PI/PD	Goel, Vijay K.	Bioengineering, Department of	50
Co-I	Demetropoulos, Constantine	Bioengineering, Department of	50

N-110329-01	Development of the Head and Neck Finite Element Model for Chiropractic Research	Yes	\$8,636	\$864	\$9,500	\$9,500
<i>5/1/07 to 4/30/09</i>	<i>National Upper Cervical Chiropractic Research Association</i>					

Role	Name	Department	% Credit
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100

Engineering, College of

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

Bioengineering, Department of

**N-121454-01-A1 Networking Urban Resources with Teachers and University to enRich
Early Childhood Science \$656,904**

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Engineering, College of

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

Engineering, College of

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

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Engineering, College of

Reporting Cash
Received?

Direct Cost

Indirect Cost

Total Award

Dept Award
Credit

Civil Engineering, Department of



Engineering, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Electrical Engineering and Computer Science, Department of						
N-122468-01	BRIGE: Transition Metal Oxide Based Multifunctional Nanoelectronic Memristor Devices	No	\$120,088	\$51,001	\$171,089	\$171,089
<i>10/1/11 to 9/30/13 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science, Department of			100	
N-122493-01	Collaborative Research: Integrated Vulnerability-Reliability Modeling and Analysis of Cyber-Physical Power Systems	No	\$44,386	\$20,196	\$64,582	\$64,582
<i>6/1/12 to 5/31/13 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science, Department of			100	
N-122497-01	Bulk Material Defects and Reliability of SIC Power Devices	No	\$146,546	\$53,454	\$200,000	\$200,000
<i>9/22/11 to 9/21/12 Army Research Office</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Shenai, Krishna	Electrical Engineering and Computer Science, Department of			100	
N-122522-01	Frequency-Steered Acoustic Transducer	No	\$192,440	\$87,560	\$280,000	\$224,000
<i>6/1/11 to 5/31/13 National Aeronautics and Space Administration through Genziko, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science, Department of			40	
Co-I	Georgiev, Daniel G.	Electrical Engineering and Computer Science, Department of			40	
Co-I	Nims, Douglas K.	Civil Engineering, Department of			10	
Co-I	Wang, Hong	Engineering Technology, Department of			10	
N-122736-01	Phase-2: LED Based Illumination Optical Design and Research	No	\$79,205	\$31,033	\$110,238	\$88,190
<i>7/5/11 to 7/4/13 Libbey, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Georgiev, Daniel G.	Electrical Engineering and Computer Science, Department of			80	
Co-PI	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Departm			10	
Co-I	Gan, Yong X.	Mechanical, Industrial, and Manufacturing Engineering, Departm			10	
N-122770-01	Engineering and Fabrication of MEMS Devices	No	\$13,746	\$6,254	\$20,000	\$20,000
<i>5/16/11 to 12/23/11 Midwest MicroDevices, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science, Department of			50	
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science, Department of			50	
N-122839-01	Computer Aided Assessment of Renewable Energy Resources in Commerce Environments	No	\$37,842	\$17,218	\$55,060	\$55,060
<i>8/15/11 to 8/14/12 Wind Energy Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science, Department of			10	
Co-I	Wang, Lingfeng	Electrical Engineering and Computer Science, Department of			90	

Engineering, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Electrical Engineering and Computer Science, Department of						
N-122862-01	Reliability Assessment of Gallium Nitride (GaN) Power Switch	No	\$144,052	\$55,948	\$200,000	\$200,000
<i>1/1/12 to 12/31/12 Office of Naval Research</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Shenai, Krishna	Electrical Engineering and Computer Science, Department of	100			
N-123164-01	GUI Based MIMO Radar Development, Simulation and Visualization System	No	\$35,500	\$9,230	\$44,730	\$44,730
<i>5/14/12 to 5/13/13 Air Force Research Laboratory/VA through Dayton Area Graduate Studies Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jamali, Mohsin M.	Electrical Engineering and Computer Science, Department of	100			
N-123238-01	Hands-Free Voice Communication Technology Research - Phase I	No	\$26,641	\$12,122	\$38,763	\$38,763
<i>3/23/12 to 9/21/12 Libbey, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Serpen, Gursel	Electrical Engineering and Computer Science, Department of	100			
N-123242-01	Building and Maintaining a CUDA Teaching and Research Laboratory	No	\$4,568	\$0	\$4,568	\$4,568
<i>8/17/11 to 8/17/12 NVIDIA Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science, Department of	100			
N-123245-01	NSF IPA Assignment - Min Song	No	\$116,041	\$0	\$116,041	\$116,041
<i>4/2/12 to 10/11/12 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Alam, Mansoor	Electrical Engineering and Computer Science, Department of	100			
Co-I	Song, Min	Electrical Engineering and Computer Science, Department of	0			
N-123354-01	Modeling, Optimization, and Integration of Building Control Systems	No	\$19,299	\$8,781	\$28,080	\$28,080
<i>6/1/12 to 8/31/12 Greensleeves LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science, Department of	100			
N-123403-01	Development of Mobile Integration with Auto Aftermarket eCommerce S .167Dh Twuto -.00Commerce S					\$33,500

Engineering, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Mechanical, Industrial, and Manufacturing Engineering, Department of						
C-120117-02	Electrical and Mechanical Modeling of Constellation Power Systems	Yes	\$22,360	\$0	\$22,360	\$22,360
<i>10/1/08 to 9/30/09</i>	<i>NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departm			100	
C-122023-02	Tribological Investigations Involving Mechanical and Thermomechanical Systems	No	\$7,867	\$1,650	\$9,517	\$9,517
<i>7/18/11 to 8/31/11</i>	<i>NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departm			100	
N-119941-01	Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations	Yes	\$97,964	\$43,104	\$141,068	\$141,068
<i>1/1/08 to 12/31/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Rausser, Richard W.	Mechanical, Industrial, and Manufacturing Engineering, Departm			100	
Co-I	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Departm				
N-119973-01	Microstructural Analysis and Structure-Property Correlation in Advanced High-Temperature Materials Developed for Improved Material Performance	Yes	\$273,486	\$120,334	\$393,819	\$393,819
<i>8/31/07 to 8/30/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Garg, Anita	Mechanical, Industrial, and Manufacturing Engineering, Departm			100	
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Departm			0	
N-119977-01	Extended Durability of Materials in Advanced Propulsion and Power Systems for Aeronautic and Space Exploration	Yes	\$153,931	\$67,729	\$221,660	\$221,660
<i>8/31/07 to 8/30/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Locci, Ivan E.	Mechanical, Industrial, and Manufacturing Engineering, Departm			100	
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Departm				
N1109981101	NASA John H. Glenn Research Center at Lewis Field					\$127,047

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Engineering, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Mechanical, Industrial, and Manufacturing Engineering, Department of						
S-119911-05-S2	Turbomachinery Computational AeroAcoustics (CAA)	No	\$27,692	\$9,274	\$36,966	\$36,966
<i>3/1/12 to 5/31/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through ASRC Aerospace Corporation</i>					
<u>Role</u>	<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	\$2,000	\$2,000
<i>5/2/12 to 7/31/12</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
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	\$213,003	\$213,003
<i>3/1/12 to 5/31/12</i>	<i>National Aeronautics and Space Administration through ASRC Aerospace Corporation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn			100	
S-122319-01-S3	Flywheel Analysis	No	\$18,146	\$4,177	\$22,323	\$22,323
<i>9/1/11 to 1/31/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn			100	
S-122319-01-S4	Flywheel Analysis	No	\$3,948	\$954	\$4,902	\$4,902
<i>2/1/12 to 2/29/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Departn			100	
S-122319-01-S5	Flywheel Analysis	No	\$9,995	\$2,166	\$12,161	\$12,161
<i>3/1/12 to 5/31/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through QinetiQ North America Operation, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
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

Innovative Learning, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
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Administration, College of Innovative Learning						

Innovative Learning, College of

Reporting Cash
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Languages, Literature and Social Sciences, College of

Reporting Cash
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Credit

Foreign Languages, Department of

C-119920-06	Student Teacher Assistants	No	\$7,080	\$708	\$7,788	\$7,788
<i>4/1/11 to 3/31/12 Japanese School of Toledo</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hara, Joseph	Foreign Languages, Department of			100	
C-119920-07	Student Teacher Assistants	No	\$9,072	\$907	\$9,979	\$9,979
<i>4/1/12 to 3/31/13 Japanese School of Toledo</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hara, Joseph	Foreign Languages, Department of			100	
Sum of Department (Foreign Languages, Department of) Award Count: 2.00						\$17,767

Geography and Planning, Department of

C-120628-04	Analyzing Regional Freight Information Resources	No	\$138,890	\$61,110	\$200,000	\$50,000
<i>10/1/11 to 5/31/13 U.S. Department of Transportation through University of Wisconsin - Madison</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			25	
Co-I	Smirnov, Oleg A.	Economics, Department of			25	
Co-I	Sundararag					



Medicine, College of

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Medicine, College of

Reporting Cash
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Sum of Department (Biochemistry & Cancer Biology, Depa Award Count: 7.50 \$2,625,326

Family Medicine, Department of

N-122988-01	UT Interprofessional Healthcare Provider Development	No	\$1,765,872	\$171,160	\$1,937,032	\$19,370
<i>3/15/12 to 6/30/13 Ohio Department of Jobs and Family Services through Ohio State University</i>						

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, Department of) Award Count: 0.01 \$19,370

Med Microbiology & Immunology, Department of

C-101178-06	Regulation of Type II Restriction-Modification Systems	No	\$133,512	\$66,488	\$200,000	\$200,000
<i>3/1/12 to 2/28/13 Molecular & Cellular Biosciences</i>						

Role	Name	Department	% Credit
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100

C-119910-04	Glanders Vaccine Development	No	\$46,391	\$22,731	\$69,122	\$69,122
<i>7/1/11 to 6/30/12 National Institute of Allergy & Infectious Diseases through University of Calgary</i>						

Role	Name	Department	% Credit
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of	100

C-120298-04	Choose Ohio First Scholarship Program	No	\$75,200	\$0	\$75,200	\$75,200
<i>7/1/11 to 6/30/12 Ohio Board of Regents through Ohio University</i>						

Role	Name	Department	% Credit
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100

C-121527-03	Improvement in Paired Donation Program	No	\$252,633	\$98,421	\$351,054	\$351,054
<i>5/1/12 to 4/30/13 National Institutes of Health</i>						

Role	Name	Department	% Credit
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of	100
Co-I	Rees, Michael A.	Urology, Department of	
Statistician	Khuder, Sadik	Medicine, Department of	

C-121626-02	Biophysics of the Morphology & Motility of Borrelia burgdorferi in Diverse Environments	No	\$4,262	\$2,123	\$6,385	\$6,385
<i>9/1/11 to 8/9/12 National Institutes of Health through University of Connecticut Health Center</i>						

Role	Name	Department	% Credit
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of	100

Medicine, College of

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Med Microbiology & Immunology, Department of

C-121922-02

\$108,000

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Medicine, College of

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Medicine, Department of

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
C-12214-02 Receptor Na/K-ATPase Antagonists As Novel Therapeutics For Renal/Cardiac Diseases			
6/1/12 to 5/1/13 <i>National Institutes of Health</i>			
		No	\$400,506
		\$163,935	\$564,441
			\$282,221
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Shapiro, Joseph	Medicine, Department of	50
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	50
Co-I	Liu, Jiang	Medicine, Department of	
Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, Department of	
Co-I	Tian, Jiang	Medicine, Department of	
N-100773-01 Safety and Efficacy of the STARFlex Septal Closure System vs. Best Medical Therapy in Patients with a Stroke and/or Transient Ischemic Attack Due to a Presumed Paradoxical Embolism through a Patent Foramen Ovale (CLOSURE 1)			
7/18/03 to 5/19/11 <i>NMT Medical, Inc.</i>			
		Yes	\$2,035
		\$509	\$2,544
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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 The National LymphoCare Study: An Observational Study of Treatment, Outcomes and Prognosis in Patients with Follicular Non-Hodgkin's Lymphoma			
9/29/04 to 9/28/12 <i>Genentech, Inc.</i>			
		Yes	\$400
		\$100	\$500
			\$500
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Mohamed, Iman E.	Medicine, Department of	100
Co-I	Chaudhary, Rekha	Medicine, Department of	
Co-I	Skeel, Roland	Medicine, Department of	
Co-I	Veltri, Salvatore	Medicine, Department of	
Dir Ctr/Inst	Braun, Donald P.	Surgery, Department of	
N-101088-01 Carotid Revascularization Endarterectomy vs. Stenting			
1/3/05 to 1/2/11 <i>National Institute of Neurological Disorders and Stroke through University of Medicine & Dentistry of New Jersey</i>			
		Yes	\$4,800
		\$1,200	\$6,000
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100
Co-I	Abbas, Jihad T.	Sur	

Medicine, College of

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Medicine, Department of

N-121817-01	A Phase IIIB Multicenter, Double-blind, Randomized, Placebo-Controlled Study, Evaluating the Effect of Treatment with Dalcetrapib 600 mg on Atherosclerotic Disease as Measured by I. Coronary Intravascular Ultrasound (IVUS), Quantitative Coronary Angiography II	Yes	\$44,566	\$8,913	\$53,479	\$50,270
<i>5/12/10 to 5/11/13 Hoffman LaRoche through Montreal Heart Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Colyer, William R.	Medicine, Department of	88			
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 "EXenatide Study of Cardiovascular Event Lowering Trial (EXSCEL)"	Yes	\$10,878	\$2,937	\$13,815	\$13,539
<i>8/16/10 to 8/15/13 Amylin Pharmaceuticals, Inc. through Duke University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
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 Surgical Risk Patients; Evaluation Outcomes Through The Collection Of Clinical Evidence ("CHOICE")	Yes	\$10,345	\$0	\$10,345	\$10,345
<i>6/2/10 to 6/1/12 Abbott Vascular Inc</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Burket, Mark	Medicine, Department of	80			
Co-I	Nahhas, Ahed T.	Medicine, Department of	20			
N-121948-01	A 12-Week, International, Multicenter, Double-Blind, Randomized, Placebo-Controlled Comparison of the Efficacy and Safety of Oral UT-15C Sustained Release Tablets in Subjects with Pulmonary Arterial Hypertension	Yes	\$3,450	\$863	\$4,313	\$2,889
<i>5/14/10 to 5/13/11 United Therapeutics Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
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			



Medicine, College of

Direct Cost

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Credit



Medicine, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Neurology, Department of						
N-101443-01	A Multi-center, Open-label, Long-term, Safety, Tolerability and Efficacy Study of Retigabine in Adult Epilepsy Patients with Partial-onset Seizures (Extension of Study VRX-RET-E22-301)	Yes	\$1,396	\$349	\$1,745	\$1,745
<i>4/11/06 to 4/10/13 GlaxoSmithKline through Quintiles, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ali, Imran	Neurology, Department of	100			
Co-I	Greenfield, Lazar John	Neurology, Department of				
N-101462-01	A Multi-center, Randomized, Double-blind, Placebo-controlled, Parallel Group Study of the Efficacy, Safety, and Tolerability of E2007 in Levodopa Treated Parkinson's Disease Patients with Motor Fluctuations	Yes	\$16,473	\$4,118	\$20,592	\$20,592
<i>9/1/06 to 3/12/08 Eisai Medical Research Inc. through Quintiles, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
N-101508-01	Novartis Protocol No. CFTY720D2309	Yes	\$27,513	\$6,878	\$34,391	\$34,391
<i>2/26/07 to 9/30/11 Novartis</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Koffman, Boyd	Neurology, Department of	100			
Co-I	Hafeez, Faizan	Neurology, Department of				
Co-I	Pirzada, Noor	Neurology, Department of				
Co-I	Ramirez, Mark	Resid Prgm-Neurosciences				
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of				
N-119915-01	A Historical-controlled, Multicenter, Double-blind, Randomized Trial to Assess the Efficacy and Safety of Conversion to Lacosamide 400mg/day Monotherapy in Subjects with Partial-onset Seizures	Yes	\$2,168	\$542	\$2,710	\$2,710
<i>7/18/07 to 7/17/13 Schwarz Biosciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ali, Imran	Neurology, Department of	100			
Co-I	Greenfield, Lazar John	Neurology, Department of				
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of				
Statistician	Hamilton, Jody	Neurology, Department of				
N-119916-01	A Multicenter, Open-label Extension Trial to Assess the Long-term Use of Lacosamide Monotherapy and Safety of Lacosamide Monotherapy and Adjunctive Therapy in Subjects with Partial-onset Seizures	Yes	\$800	\$200	\$1,000	\$1,000
<i>7/18/07 to 7/17/13 Schwarz Biosciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ali, Imran	Neurology, Department of	100			
Co-I	Greenfield, Lazar John	Neurology, Department of				
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of				

Medicine, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Neurology, Department of						
N-119930-01	A Multicenter, Randomized, Double-blind, Placebo-controlled, 5-arm, Parallel-group Trial to Assess Rotigotine Transdermal System Dose Response in Subjects with Advanced-stage Parkinson's Disease	Yes	\$4,325	\$1,081	\$5,406	\$5,406
<i>7/24/07 to 7/23/12 Schwarz Biosciences, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
N-120172-01	Trial to Assess the Effects of SCH 530348 in Preventing Heart Attack and Stroke in Patients with Atherosclerosis (Study P04737)	Yes	\$2,600	\$650	\$3,250	\$3,250
<i>2/27/08 to 2/26/12 Schering Plough Research Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tietjen, Gretchen	Neurology, Department of	100			
Co-I	Burket, Mark	Medicine, Department of				
Co-I	Li, Hongyan	Resid Prgm-Neurosciences				
Co-I	Nazzal, Munier M.S.	Surgery, Department of				
N-120608-01	A 14-Month Open-label Extension Phase of the Double-blind, Placebo-controlled, Dose Escalation, Parallel-Group Studies to Evaluate the Efficacy and Safety of E2007 (perampanel) Given as Adjunctive Therapy in Subjects with Refractory Partial Seizures	Yes	\$12,493	\$3,123	\$15,617	\$15,617
<i>12/5/08 to 12/4/12 Eisai Medical Research Inc. through PPD Development, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ali, Imran	Neurology, Department of	100			
Co-I	Greenfield, Lazar John	Neurology, Department of				
N-120686-01	A Multi-center, Open-label Extension Study to Examine the Safety and Tolerability of ACP-103 in the Treatment of Psychosis in Parkinson's Disease	Yes	\$12,653	\$3,163	\$15,816	\$15,816
<i>10/1/08 to 9/30/12 Acadia Pharmaceuticals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
N-121292-01	An Open-Label, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of Rasagiline in Parkinson's Disease Subjects Who Participated in the ADAGIO Study...	Yes	\$6,126	\$1,531	\$7,657	\$7,657
<i>7/20/09 to 7/19/12 Teva Neuroscience, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
N-121435-01	A Placebo-Controlled Study to Evaluate The Safety and Efficacy Of IPX066 in Subjects with Parkinson's Disease	Yes	\$400	\$100	\$500	\$500
<i>9/14/09 to 9/13/10 Impax Laboratories, Inc. through Pharmaceutical Research Associates, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			



Medicine, College of

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Neurology, Department of

N-122789-01	A Phase II, multi-centre, randomised, double-blind, placebo-controlled, parallel group study to investigate the efficacy, safety and tolerability of Cogane, ...	Yes	\$2,165	\$585	\$2,750	\$2,750
9/20/11 to 9/19/12 <i>ICON Clinical Research, Inc.</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Elmer, Lawrence	Neurology, Department of	100
Co-I	Scott, Mary E.	Neurology, Department of	

N-123152-01	Care of Parkinson's Disease and Other Related Disorders: A Comprehensive Approach	No	\$100,000	\$0	\$100,000	\$100,000
2/10/12 to 5/19/13 <i>Teva Pharmaceutical Industries Ltd.</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Elmer, Lawrence	Neurology, Department of	100

N-123247-01	Double-Blind, Randomized, Historical Control Study of the Safety and Efficacy of Eslicarbazepine Acetate Monotherapy in Subjects with Partial Epilepsy Not Well Controlled by Current Antiepileptic Drugs	Yes	\$8,465	\$2,285	\$10,750	\$10,750
3/12/12 to 3/11/13 <i>Sunovion Pharmaceuticals</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ali, Imran	Neurology, Department of	100
Co-I	Cole, Kimberly A.	Neurology, Department of	
Co-I	Li, Hongyan	Resid Prgm-Neurosciences	
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences	

Sum of Department (**Neurology, Department of**) Award Count: **33.35** **\$502,910**

Neurosciences, Department of

C-100413-09	[Ca2+]i and Secretary Dynamics in Parotid Acinar Cells	No	\$30,130	\$15,005	\$45,135	\$45,135
4/1/11 to 5/31/12 <i>National Institute of Dental and Craniofacial Research through University of Rochester</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Giovannucci, David	Neurosciences, Department of	100

C-120742-03	ASPET Surf Fellowship	No	\$9,000	\$0	\$9,000	
5/15/12 to 5/14/13 <i>American Society for Pharmacology and Experimental Therapeutics</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Tietz, Elizabeth I.	Phys Pharm Met/Cardio Science, Department of	85
Co-I	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of	
Co-I	Beavis, Andrew	Phys Pharm Met/Cardio Science, Department of	10
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of	5
Co-I	Yamamoto, Bryan K.	Neurosciences, Department of	

Medicine, College of

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Neurosciences, Department of

C-120840-03	Mechanisms Controlling the Function and Development of Neuronal Nicotinic Synapses <i>National Science Foundation</i>	No	\$100,134	\$49,866	\$150,000	\$150,000
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Medicine, College of

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Credit

Pediatrics, Department of

N-122662-01	A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel-group, Withdrawal Study to Evaluate the Safety and Efficacy of Delayed-released Rabeprazole in 1- to 11-Month-Old Pediatric Subjects with Symptomatic/Erosive Gastroesophageal Reflux Disease (GERD)	Yes	\$10,092	\$3,027	\$13,119	\$13,119
<i>10/24/11 to 10/23/12 Janssen Research & Development, LLC</i>						

<u>Department</u>







Medicine, College of

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Resid Prgm-Neurosciences

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 SUBJECTS AGED 16 YEAR OR OLDER WITH PARTIAL ONSET SEIZURES	Yes	\$2,362	\$638	\$3,000	\$1,500
3/25/11 to 3/24/13 UCB Pharma, Inc.						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Ali, Imran	Neurology, Department of		30	
	Co-I	Cole, Kimberly A.	Neurology, Department of		20	
	Co-I	Li, Hongyan	Resid Prgm-Neurosciences		30	
	Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences		20	
N-122634-01	A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center Trial Of Pregabalin Cras Adjunctive Therapy In Adult Patients With Partial Onset Seizures	Yes	\$4,331	\$1,169	\$5,500	\$5,500
3/1/11 to 2/28/13 Pfizer, Inc.						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Li, Hongyan	Resid Prgm-Neurosciences		100	
	Co-I	Ali, Imran	Neurology, Department of			
	Co-I	Cole, Kimberly A.	Neurology, Department of			
	Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences			
N-122778-01	A Double-blind, Randomized, Placebo-controlled, Multicenter, Parallel-group Study with an Open-label Extension Phase to Evaluate the Efficacy and Safety of Adjunctive Perampanel in Primary Generalized Tonic-Clonic Seizures	Yes	\$6,457	\$1,743	\$8,200	\$4,920
2/16/12 to 2/15/13 Eisai Inc.						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	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 Placebo-Controlled Trial to Evaluate the Efficacy and Safety of YKP3089 in Subjects with Treatment Resistant Partial Onset Seizures	Yes	\$15,965	\$4,311	\$20,276	\$4,055
1/5/12 to 1/4/13 SK Life Science, Inc.						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Ali, Imran	Neurology, Department of		70	
	Co-I	Cole, Kimberly A.	Neurology, Department of		10	
	Co-I	Li, Hongyan	Resid Prgm-Neurosciences		10	
	Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences		10	

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

Sum of College (**Medicine, College of**) Award Count: **197.74**

\$21,889,759

Natural Sciences & Mathematics, College of

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

Biological Sciences, Department of

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

Natural Sciences & Mathematics, College of

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Chemistry, Department of

N-122856-01	Designing Enzyme Replacement Therapy for the Treatment of Canavan Disease	No	\$11,880	\$0	\$11,880	\$11,880
<i>12/1/11 to 11/30/12 Jacob's Cure Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Viola, Ronald	Chemistry, Department of	100			
N-122883-01	Direct Catalytic Conversion of Lignin to Aromatic Chemicals	No	\$34,364	\$15,636	\$50,000	\$25,000
<i>4/18/12 to 11/19/12 U.S. Department of Energy through Suganit Systems, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Mason, Mark R.	Chemistry, Department of	50			
Co-I	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	50			
S-121470-01-S2	Creating a Learning Community for Solutions to Climate Change	No	\$8,769	\$3,990	\$12,759	\$12,759
<i>2/1/12 to 9/30/12 National Science Foundation through National Council for Science and the Environment</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of	100			
Sum of Department (Chemistry, Department of)						Award Count: 4.70
						\$475,311

Environmental Sciences, Department of

C-107389-09	Carbon Flux and Storage in Mixed Oak Forests of MOFEP	No	\$40,076	\$0	\$40,076	\$40,076
<i>7/1/11 to 6/30/12 Missouri Department of Conservation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
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
<i>3/16/11 to 3/15/12 U.S. Department of Agriculture</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Heckathorn, Scott Alan	Environmental Sciences, Department of	90			
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	No	\$70,300	\$31,986	\$102,286	\$102,286
<i>9/1/11 to 8/31/12 National Oceanic and Atmospheric Administration through University of Notre Dame</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
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
<i>1/1/12 to 12/31/12 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sigler, William	Environmental Sciences, Department of	50			
Co-I	Stepien, Carol	Lake Erie Soil and Water Research and Education Center	50			

Natural Sciences & Mathematics, College of

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Environmental Sciences, Department of

C-120506-03	An Assessment of Aquifer/Well Flow Dynamics: Identification of Parameters Key to Passive Sampling and Application of Downhole Sensor Technologies	No	\$24,122	\$10,976	\$35,098	\$35,098
<i>7/1/11 to 5/31/13 U.S. Department of Defense through Prohydro, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Martin-Hayden, James M.	Environmental Sciences, Department of	100			
C-121039-03	Collaborative Research: MSB: Microbial Control of Litter Decay at the Cellulose-Lignin Interface	No	\$147,131	\$64,737	\$211,868	\$211,868
<i>9/1/11 to 8/31/13 National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Weintraub, Michael N.	Environmental Sciences, Department of	75			
Co-I	Moorhead, Daryl Lee	Environmental Sciences, Department of	25			
C-121468-03	Direct Assessment Using Cluster Eddy-Covariance Towers	No	\$98,207	\$34,410	\$132,617	\$132,617
<i>2/10/12 to 8/30/12 U.S. Department of Energy through University of Wisconsin System</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chen, Jiquan	Environmental Sciences, Department of	100			
C-121797-02	The Lake Erie Nearshore and Offshore Nutrient Study (LENONS)	No	\$18,700	\$8,509	\$27,209	\$13,605
<i>9/1/11 to 8/31/12 U.S. Environmental Protection Agency through Buffalo State College</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Mayer, Christine Marie	Environmental Sciences, Department of	25			
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Research and Education Center	25			
Co-I	Bridgeman, Thomas B.	Environmental Sciences, Department of	25			
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	25			
N-122626-01	Maumee AOC, Wolf Creek: Passive Treatment Wetland to Improve Nearshore Health and Reduce Nonpoint Source Pollutants	No	\$706,946	\$72,776	\$779,722	\$389,861
<i>7/1/11 to 6/30/12 U.S. Environmental Protection Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of	50			
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Education Center	50			
N-122645-01	Seeing the Forest Through the Invasives: Buckthorn in the Oak Openings	No	\$13,500	\$1,350	\$14,850	\$14,850
<i>8/3/11 to 7/30/12 Ohio Lake Erie Commission</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Becker, Richard	Environmental Sciences, Department of	100			
N-122726-01	y					\$20,335

Natural Sciences & Mathematics, College of

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Natural Sciences & Mathematics, College of

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Physics and Astronomy, Department of

<u>Reporting Cash</u> <u>Received?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>		
C-120233-04	Key Insights on Nearby Galaxies: A Far-Infrared Survey with Herschel	No	\$22,834	\$10,390	\$33,224	\$33,224

C-120233-04

Key Insights on Nearby Galaxies: A Far-Infrared Survey with Herschel

No

\$22,834

\$10,390

\$33,224

\$33,224

Natural Sciences & Mathematics, College of

		<u>Reporting Cash</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u>
		<u>Received?</u>				<u>Credit</u>
Physics and Astronomy, Department of						
N-122864-01-W1	CIGS Solar Cell Deposition and Substrate Analysis	No	\$163,515	\$0	\$163,515	\$163,515
<i>9/1/11 to 8/31/12 Nippon Electric Glass</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of	100			
N-122864-01-W2	CIGS Solar Cell Deposition and Substrate Analysis	No	\$81,760	\$18,242	\$100,002	\$100,002
<i>9/1/11 to 8/31/12 Technoglas</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of	100			
N-122870-01	Theoretical Study of Lattice Defects and Transition Metal Impurities in Si	No	\$30,597	\$13,922	\$44,519	\$44,519
<i>12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-122879-01	Joint Initiative in a New Type of Nuclear Radiation Detector	No	\$75,191	\$37,445	\$112,636	\$56,318
<i>6/6/12 to 6/5/13 Nuclear Regulatory Commission</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Feldmeier, John	Radiation Oncology, Department of	50			
Co-I	Anderson, Lawrence S.	Physics and Astronomy, Department of	50			
Co-I	Shvydka, Diana	Physics and Astronomy, Department of				
N-122893-01	Electron Microscopy Study of Photovoltaic Materials	No	\$76,012	\$19,763	\$95,775	\$95,775
<i>12/20/11 to 12/19/12 U.S. Department of Energy through Alliance for Sustainable Energy LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-122935-01	Growth, Heat Treatment and Theory of CdTe Thin Films	No	\$114,516	\$52,104	\$166,620	\$166,620
<i>2/15/12 to 2/14/13 U.S. Department of Energy through Alliance for Sustainable Energy LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-122972-01	Transparent Back Contacts for Thin CdTe-Based Tandem Cells	No	\$37,800	\$17,200	\$55,000	\$55,000
<i>6/17/11 to 3/16/12 U.S. Department of Energy through Xunlight 26</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	50			
Co-I	Phillips, Adam B.	Physics and Astronomy, Department of	50			
N-123236-01	Enhanced Growth Rate and Silane Utilization in Amorphous Silicon and Nanocrystalline-Si	No	\$22,680	\$10,320	\$33,000	\$33,000
<i>4/1/12 to 8/31/12 Air Products and Chemicals, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	100			



Nursing, College of

Reporting Cash

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Indirect Cost

Total Award

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Credit



Other

Direct Cost

Indirect Cost

Total Award



Other

Reporting Cash

Direct Cost

Indirect Cost

Total Award

Dept Award

Credit



Other

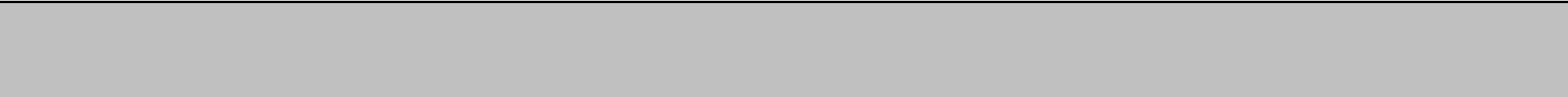
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Pharmacy & Pharmaceutical Sciences, College of

Reporting Cash
Received?

Direct Cost

Indirect Cost

Total Award

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Center for Drug Design and Development

C-120014-03

\$87a03



