

The University of Toledo Research and Sponsored Programs
 FY 2013 Awards By College and Department

Proposal # **Public Title**
Budget Period *Sponsor(s)*

Adult and Lifelong Learning, College of				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Administration, University College								
N-123253-01	Military Service Center Student Support			Yes	\$4,557	\$0	\$4,557	\$4,557
<i>1/1/12 to 6/30/13</i>	<i>U.S. Department of Veterans Affairs</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Lettman, Dennis S.	Administration, University College				100		
R-102723-24	Carl D. Perkins Grant FY 13			No	\$28,220	\$0	\$28,220	\$28,220
<i>7/1/12 to 6/30/13</i>	<i>U.S. Department of Education through Ohio Department of Education</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Momenee, Luanne	Administration, University College				100		
Sum of Department (Administration, University College)						Award Count: 2.00		\$32,777
Sum of College (Adult and Lifelong Learning, College of)						Award Count: 2.00		\$32,777

Business Innovation, College of				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Administration, College of Business Innovation								
N-123621-01	Ohio Workforce Accelerator Network			No	\$813,100	\$83,798	\$896,898	\$44,845
<i>1/1/13 to 12/31/13</i>	<i>Ohio Board of Regents</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Randolph, Brian W.	Civil Engineering, Department of				90		
Co-I	Gordon, Terribeth R.	Administration, College of Business Innovation				5		
Co-I	Hewitt, Paul R.	Mathematics, Department of				5		
Sum of Department (Administration, College of Business In)						Award Count: 0.05		\$44,845

Finance and Business Economics, Department of				<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
N-123382-01	Collaboration on Curriculum, Faculty Development and Enhancing Students			No	\$208,858	\$29,240	\$238,098	\$50,001
<i>9/25/12 to 9/24/14</i>	<i>Embassy of the United States Tunis, Tunisia</i>							
<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>		
PI/PD	Sharkey, Thomas W.	Center for Family Business				35		
Co-I	Hasan, Bassam	Information Operations and Technology Management				22		
Co-I	Nandkeolyar, Udayan	Information Operations and Technology Management				22		
Co-I	Sezer, Ozcan	Finance and Business Economics, Department of				21		
Sum of Department (Finance and Business Economics, Dep)						Award Count: 0.21		\$50,001

Business Innovation, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Information Operations and Technology Management

N-123382-01	Collaboration on Curriculum, Faculty Development and Enhancing Students	No	\$208,858	\$29,240	\$238,098	\$104,763
9/25/12 to 9/24/14	<i>Embassy of the United States Tunis, Tunisia</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Sharkey, Thomas W.	Center for Family Business	35
Co-I	Hasan, Bassam	Information Operations and Technology Management	22
Co-I	Nandkeolyar, Udayan	Information Operations and Technology Management	22
Co-I	Sezer, Ozcan	Finance and Business Economics, Department of	21

S-123029-01-S1	Making Freight-Centric Communities More Livable: Measuring the Impact of Advanced Technologies	No	\$41,237	\$18,763	\$60,000	\$18,000
1/1/12 to 12/31/13	<i>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	70
Co-I	Vonderembse, Mark A.	Information Operations and Technology Management	30

S-123029-01-S2	Mining Automatic Identification System (AIS) Data for Improved Vessel Trip Analysis Capabilities	No	\$54,983	\$25,017	\$80,000	\$24,000
1/1/12 to 12/31/13	<i>U.S. Department of Transportation through University of Wisconsin System</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of	70
Co-I	Vonderembse, Mark A.	Information Operations and Technology Management	30

Sum of Department (Information Operations and Technolog)	Award Count: 1.04	\$146,763
Sum of College (Business Innovation, College of)	Award Count: 1.30	\$241,609

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

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Administration, HSHS-JHCOE

N-123453-01	Woodrow Wilson Fellowship Scholarships	No	\$2,378,750	\$0	\$2,378,750	\$713,625
7/1/11 to 6/30/16	<i>Ohio Board of Regents</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Keil, Virginia L.	Administration, HSHS-JHCOE	30
Co-I	Chiarelott, Leigh R.	Curriculum and Instruction, Department of	10
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of	30
Co-I	Schneider, Rebecca M.	Curriculum and Instruction, Department of	30

R-122824-02	Northwest Ohio Tech Prep Service Center	No	\$579,370	\$50,380	\$629,750	\$629,750
7/1/12 to 6/30/13	<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

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

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Administration, HSHS-JHCOE

R-122960-02	FY12 & 13 Tech Prep Support	No	\$41,252	\$2,171	\$43,423	\$43,423
<i>7/1/12 to 6/30/13</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

S-120544-01-S1	Improving STEM Preparation: A Long Term Investment - Discovery STEM Teacher Preparation	No	\$80,900	\$0	\$80,900	\$80,900
<i>7/1/12 to 6/30/13</i>	<i>Ohio Board of Regents through Miami University (Ohio)</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Keil, Virginia L.	Administration, HSHS-JHCOE	100

Sum of Department (**Administration, HSHS-JHCOE**) Award Count: **3.30** **\$1,467,698**

Criminal Justice and Social Work

C-109685-05	Workforce Development	No	\$123,250	\$0	\$123,250	\$123,250
<i>7/1/12 to 6/30/13</i>	<i>Administration for Children and Families through Ohio Department of Jobs and Family Services</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Cluse-Tolar, Theresa S.	Criminal Justice and Social Work	100

N-123338-01	Toledo Community Initiative to Reduce Violence (TCIRV)	No	\$53,229	\$0	\$53,229	\$53,229
<i>3/1/12 to 12/31/12</i>	<i>Toledo Police Department</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ventura, Lois A.	Criminal Justice and Social Work	60
Co-I	Jenkins, Morris	Criminal Justice and Social Work	40

Sum of Department (**Criminal Justice and Social Work**) Award Count: **2.00** **\$176,479**

Curriculum and Instruction, Department of

C-106314-14	CTE Teacher Preparation and Retention	No	\$73,333	\$3,667	\$77,000	\$77,000
<i>7/1/12 to 6/30/13</i>	<i>U.S. Department of Education through Ohio Department of Education</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hubaker, Paul	Curriculum and Instruction, Department of	100

C-121419-03	CAREER: Teaching Practices That Support Fraction-Based Algorithmic Thinking	No	\$66,784	\$29,203	\$95,987	\$95,987
<i>8/1/12 to 7/31/13</i>	<i>National Science Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Johanning, Debra	Curriculum and Instruction, Department of	100

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

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Curriculum and Instruction, Department of

N-123453-01	Woodrow Wilson Fellowship Scholarships	No	\$2,378,750	\$0	\$2,378,750	\$1,665,125
<i>7/1/11 to 6/30/16</i>	<i>Ohio Board of Regents</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Keil, Virginia L.	Administration, HSHS-JHCOE	30
Co-I	Chiarelott, Leigh R.	Curriculum and Instruction, Department of	10
Co-I	Denyer, Jenny	Curriculum and Instruction, Department of	30
Co-I	Schneider, Rebecca M.	Curriculum and Instruction, Department of	30

N-123585-01	From Kuschwanz to Kwanzaa Park: Using Immigrant History & Culture for Culturally Relevant Pedagogy in STEMM	No	\$16,000	\$0	\$16,000	
<i>1/17/13 to 1/16/14</i>	<i>Ohio Humanities Council</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership	40
Co-I	Barden, Thomas E.	English, Department of	20
Co-I	McKether, Willie L.	Sociology and Anthropology, Department of	20
Co-I	Michney, Todd M.	History, Department of	20
Statistician	Haughton, Noela A.	Curriculum and Instruction, Department of	

Sum of Department (Curriculum and Instruction, Departme Award Count: 2.70 \$1,838,112

Early Childhood, Physical, and Special Education

C-122656-02	The PARTNER Project	No	\$139,381	\$10,619	\$150,000	\$150,000
<i>1/1/13 to 12/31/13</i>	<i>U.S. Department of Education</i>					

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

C-122894-02	Transition Programs for Students with Intellectual Disabilities into Higher Education (TOPS)	No	\$13,889	\$1,111	\$15,000	\$15,000
<i>10/1/12 to 9/30/13</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-121261-04	Career Exploration Program	No	\$4,364	\$436	\$4,800	\$4,800
<i>7/9/12 to 7/20/12</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 Specia Award Count: 3.00 \$169,800

Educational Foundations and Leadership

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

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Educational Foundations and Leadership

N-123585-01	From Kuschwanz to Kwanzaa Park: Using Immigrant History & Culture for Culturally Relevant Pedagogy in STEMM	No	\$16,000	\$0	\$16,000	\$6,400
<i>1/17/13 to 1/16/14</i>	<i>Ohio Humanities Council</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership	40
Co-I	Barden, Thomas E.	English, Department of	20
Co-I	McKether, Willie L.	Sociology and Anthropology, Department of	20
Co-I	Michney, Todd M.	History, Department of	20
Statistician	Haughton, Noela A.	Curriculum and Instruction, Department of	

Sum of Department (**Educational Foundations and Leaders**) Award Count: **0.40** **\$6,400**

Health and Recreation Professions

N-123226-01	Just Ask Campaign	No	\$1,000	\$0	\$1,000	\$1,000
<i>7/1/12 to 6/20/13</i>	<i>Ohio College Health Association</i>					

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

N-123589-01	Partners in Health Equity	No	\$28,571	\$1,429	\$30,000	\$30,000
<i>5/23/13 to 4/30/14</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	50
Co-I	Jordan, Timothy Ray	Health and Recreation Professions	50

N-123828-01	Pathway to Breast Health	No	\$0	\$25,000	\$25,000	\$25,000
<i>2/19/13 to 1/11/14</i>	<i>American Cancer Society - National</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-124040-01	Health Promotion Coach Agreement	No	\$70,679	\$7,068	\$77,747	\$77,747
<i>6/1/13 to 5/31/14</i>	<i>Board of County (Lucas) Commissioners</i>					

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

R-106281-14	Reducing High Risk Drinking	No	\$4,000	\$0	\$4,000	\$4,000
<i>7/1/12 to 6/30/13</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	50
Co-I	Blavos, Alexis A.	Health and Recreation Professions	50

Education - Health Science & Human Service, Judith Herb College of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Health and Recreation Professions						
R-123020-02	BuzzKill	No	\$1,500	\$500	\$2,000	\$1,000
<i>9/1/12 to 5/31/13 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		50		
Co-I	Blavos, Alexis A.	Student Services		50		
Sum of Department (Health and Recreation Professions)			Award Count: 5.50			\$138,747
Kinesiology, Department of						
N-123190-01	Improving Jump Landing Biomechanics with Real-time Feedback	No	\$2,500	\$0	\$2,500	\$2,500
<i>8/15/12 to 7/31/13 National Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pietrosimone, Brian	Kinesiology, Department of		100		
N-123191-01	Discovering the Limits of a Jump-Landing Feedback Intervention	No	\$1,000	\$0	\$1,000	\$1,000
<i>8/15/12 to 7/31/13 National Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Pietrosimone, Brian	Kinesiology, Department of		100		
PI/PD	Thomas Fenwick, Abbey Christine	Rehabilitation Sciences				
N-123192-01	A Comparison of Strength, ROM and Dynamic Postural Control Between Ankle Copers and Patients with Chronic Ankle Instability	No	\$1,000	\$0	\$1,000	\$1,000
<i>8/27/12 to 8/26/13 National Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gribble, Phillip Alexander	Kinesiology, Department of		100		
Stdnt Schol	Boley, Heather Ashley	Kinesiology, Department of				
N-123193-01	Effects of Hip Rehabilitation Intervention on Dynamic Postural Control and Self-Reported Ankle Impairment in Patients with Chronic Ankle Instability	No	\$1,000	\$0	\$1,000	\$1,000
<i>8/15/12 to 8/14/13 National Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gribble, Phillip Alexander	Kinesiology, Department of		100		
N-123261-01	An Examination of Modifiable Factors Influencing Dynamic Postural Control in Participants at Risk for Ankle Injury	No	\$1,500	\$0	\$1,500	\$1,500
<i>4/1/12 to 3/31/14 Great Lakes Athletic Trainers' Association</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gribble, Phillip Alexander	Kinesiology, Department of		100		
Co-I	Pietrosimone, Brian	Kinesiology, Department of				
Sum of Department (Kinesiology, Department of)			Award Count: 5.00			\$7,000
Rehabilitation Sciences						

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

Rehabilitation Sciences

N-123191-01	Discovering the Limits of a Jump-Landing Feedback Intervention	No	\$1,000	\$0	\$1,000	
8/15/12 to 7/31/13	National Athletic Trainers' Association					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Pietrosimone, Brian	Kinesiology, Department of	100
PI/PD	Thomas Fenwick, Abbey Christine	Rehabilitation Sciences	

N-123474-01	Graduate Studies Consortium for Listening and Spoken Language (GSCLSL)	No	\$87,380	\$3,620	\$91,000	\$91,000
10/1/12 to 9/30/13	U.S. Department of Education through University of Akron					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Pakulski, Lori A.	Rehabilitation Sciences	100

Sum of Department (Rehabilitation Sciences)	Award Count: 1.00	\$91,000
Sum of College (Education - Health Science & Human Serv)	Award Count: 22.90	\$3,895,236

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

Bioengineering, Department of

C-120151-04	Multi-faceted Approach to Modeling ACL Injury Mechanisms	No	\$193,079	\$87,851	\$280,930	\$280,930
1/1/11 to 4/30/14	National Institutes of Health through Ohio State University					

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

N-123165-01	Plasmonic Based Biomarker Scaling Technology (University Technology Validation & Start-up Fund)	No	\$50,000	\$0	\$50,000	\$30,000
7/23/12 to 7/23/13	Ohio Department of Development					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Cameron, Brent D.	Bioengineering, Department of	60
Co-I	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	40

N-123166-01-A1	Injectable Bone Cement (University Technology Validation and Start-Up Fund)	No	\$50,000	\$0	\$50,000	\$25,000
12/17/12 to 12/17/13	Ohio Development Services Agency					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of	50
Co-I	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of	50

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Bioengineering, Department of

N-123167-01-A1	Facet Screw System	No	\$35,500	\$0	\$35,500	\$35,500
<i>1/28/13 to 4/30/14</i>	<i>Ohio Development Services Agency</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Snider, Stephen J.	Technology Corridor		0		
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of		50		
Co-I	Goel, Vijay K.	Bioengineering, Department of		50		
N-123177-01	Simultaneous Isomerization and Reactive Extraction of Biomass Sugars for High Yield Production of Ketone Sugars	No	\$212,731	\$96,793	\$309,524	\$154,762
<i>8/1/12 to 7/31/13</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of		50		
Co-PI	Relue, Patricia Ann	Bioengineering, Department of		50		
N-123535-01	Travel Scholarship Award for Ata Kiapour	No	\$500	\$0	\$500	\$500
<i>7/1/12 to 8/17/12</i>	<i>Force and Motion Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of		100		
N-123572-01	Planning Grant: I/UCRC for technology innovation for novel cost-reducing and quality-enhancing musculoskeletal therapies	No	\$10,455	\$1,045	\$11,500	\$11,500
<i>1/1/13 to 12/31/13</i>	<i>National Science Foundation through University of California at San Francisco</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of		100		
N-123683-01	Biomechanics of Inter Spinous Space Using the Finite Element Technique	No	\$12,000	\$3,000	\$15,000	\$15,000
<i>9/25/12 to 3/31/13</i>	<i>Terumo Medical Corporation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of		100		
N-123687-01	Development of a finite element model of a lumbar functional spinal unit subjected to three conditions	No	\$8,000	\$2,000	\$10,000	\$10,000
<i>9/14/12 to 11/14/12</i>	<i>Intrinsic Therapeutics, Inc.</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Goel, Vijay K.	Bioengineering, Department of		100		
N-123751-01	I-Corps: Injectable Bone Graft Substitute Materials	No	\$45,000	\$5,000	\$50,000	
<i>1/15/13 to 5/31/14</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Jayasuriya, Ambalangodage	Orthopaedic Surgery, Department of		100		
Co-I	Mantripragada, Venkata Prasann	Bioengineering, Department of				

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Bioengineering, Department of

N-124090-01	PFI: AIR Technology Translation - A Microwave Assisted Biomimetic Coating Technology for Polymer Implants	No	\$103,093	\$46,907	\$150,000	\$15,000
<i>6/1/13 to 5/31/14 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of	90
Co-PI	Goel, Vijay K.	Bioengineering, Department of	10

S-120151-02-S1	Multi-faceted Approach to Modeling ACL Injury Mechanisms	No	\$59,644	\$27,138	\$86,782	\$86,782
<i>1/1/11 to 4/30/11 National Institutes of Health through Ohio State University</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Goel, Vijay K.	Bioengineering, Department of	100
Co-I	Demetropoulos, Constantine K.	Bioengineering, Department of	0

T-123527-01	A Dual Freeform Microplasma and Protein Printing Process for Tissue Engineering Application	No	\$11,366	\$5,172	\$16,538	\$16,538
<i>8/1/12 to 7/31/13 National Science Foundation through Drexel University</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ayan, Halim	Bioengineering, Department of	100

Sum of Department (**Bioengineering, Department of**) Award Count: **9.70** **\$681,512**

Chemical and Environmental Engineering, Department of

C-122655-02	Spiral Wound Module Design for CO2 Capture	No	\$36,498	\$16,607	\$53,105	\$53,105
<i>10/1/12 to 9/30/13 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

C-122897-02	National Transit Research Consortium led by the Mineta Transportation Institute	No	\$35,368	\$10,964	\$46,332	\$20,849
<i>1/1/13 to 12/31/13 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	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	45
PI/PD	Kumar, Ashok	Civil Engineering, Department of	55

N-123065-01	Topic Area of Interest (C - Materials Processing): Fabrication and Processing of Next Generation Oxygen Carrier Materials for Chemical Looping Combustion	No	\$214,629	\$85,371	\$300,000	\$300,000
<i>9/4/12 to 9/3/13 U.S. Department of Energy</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Azad, Abdul-Majeed	Chemical and Environmental Engineering, Department of	100

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Chemical and Environmental Engineering, Department of

N-123165-01	Plasmonic Based Biomarker Scaling Technology (University Technology Validation & Start-up Fund)	No	\$50,000	\$0	\$50,000	\$20,000
<i>7/23/12 to 7/23/13 Ohio Department of Development</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Cameron, Brent D.	Bioengineering, Department of	60
Co-I	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	40

N-123173-01	SEP Collaborative: Alkaliphilic microalgae-based sustainable & scalable processes for renewable fuels and products	No	\$594,500	\$270,500	\$865,000	\$692,000
<i>9/15/12 to 9/14/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of	40
Co-PI	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	40
Co-PI	Yamamoto, Kana	Chemistry, Department of	20

N-123177-01	Simultaneous Isomerization and Reactive Extraction of Biomass Sugars for High Yield Production of Ketone Sugars	No	\$212,731	\$96,793	\$309,524	\$154,762
<i>8/1/12 to 7/31/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	50
Co-PI	Relue, Patricia Ann	Bioengineering, Department of	50

N-123203-01	Student Travel Support for the 2012 North American Membrane Society Meeting	No	\$10,000	\$0	\$10,000	\$10,000
<i>7/1/12 to 6/30/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering, Department of	100

N-123308-01	Integration of Nutrient and Water Recycling for Sustainable Algal Biorefineries	No	\$1,481,376	\$249,182	\$1,730,558	\$1,730,558
<i>2/1/13 to 1/31/14 U.S. Department of Energy</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of	50
Co-I	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	50

N-123410-01	Characterization of Glass Properties	No	\$280,834	\$34,166	\$315,000	\$315,000
<i>1/1/13 to 12/31/13 Ohio Department of Development through Owens Illinois, Inc.</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Coleman, Maria R.	Chemical and Environmental Engineering, Department of	100

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Chemical and Environmental Engineering, Department of

N-123528-01	Optimization of Protein Crystal Growth for Determination of Enzyme Mechanisms through Advanced Diffraction Techniques	No	\$160,000	\$40,000	\$200,000	\$50,000
5/1/13 to 4/30/14	<i>National Aeronautics and Space Administration through Center for the Advancement of Science in Space</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Schall, Constance Ann	Chemical and Environmental Engineering, Department of	25
Co-I	Hanson, Bryant L.	Instrumentation Center	25
Co-I	Mueser, Timothy	Chemistry, Department of	25
Co-I	Ronning, Donald	Chemistry, Department of	25

N-123540-01	International Collaborative Research: Desalination for Global Water Resources using Biofouling-Resistant Nanocomposite Membranes	No	\$22,679	\$10,319	\$32,998	\$32,998
5/15/13 to 5/14/14	<i>National Science Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering, Department of	100

N-123719-01	High-Performance Biologically Inspired Membranes for Water Treatment	No	\$34,959	\$0	\$34,959	\$34,959
5/1/13 to 4/30/14	<i>Ohio Water Development Authority through Ohio State University</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering, Department of	100

N-123940-01	EAGER: A Novel Approach to Fabricate Biomimetic Membranes Embedded with AquaporinZ	No	\$47,202	\$21,477	\$68,679	\$68,679
5/15/13 to 4/30/14	<i>National Science Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering, Department of	100

N-124074-01	Gas Separation Process Simulation: Hollow Fiber Membrane Gas Separation	No	\$12,750	\$5,801	\$18,551	\$18,551
4/1/13 to 9/30/13	<i>Generon IGS, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Lipscomb, Glenn	Chemical and Environmental Engineering, Department of	100

S-122897-02-S1	National Transit Research Consortium led by the Mineta Transportation Institute	No	\$74,102	\$22,972	\$97,074	\$43,683
1/1/13 to 12/31/13	<i>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

Sum of Department (Chemical and Environmental Engineer Award Count: 11.85 **\$3,545,145**

Civil Engineering, Department of

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Civil Engineering, Department of

C-120071-05	Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Land-Lake Ecosystem Interface	No	\$454,891	\$38,012	\$492,903	\$64,077
<i>7/1/12 to 6/30/14 National Science Foundation</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	50
Co-PI	Becker, Richard	Environmental Sciences, Department of	12
Co-PI	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	13
Co-PI	Czajkowski, Kevin Paul	Geography and Planning, Department of	12
Co-PI	Gruden, Cyndee	Civil Engineering, Department of	13

C-122796-02	Development of Transportation Asset Management Decision Support Tools	No	\$56,573	\$19,165	\$75,738	\$75,738
<i>1/15/13 to 1/14/14 U.S. Department of Transportation through Ohio Department of Transportation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of	100

C-122897-02	National Transit Research Consortium led by the Mineta Transportation Institute	No	\$35,368	\$10,964	\$46,332	\$25,483
<i>1/1/13 to 12/31/13 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	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	45
PI/PD	Kumar, Ashok	Civil Engineering, Department of	55

N-123029-01	CFIRE-UTC Recompensation	No	\$68,729	\$31,271	\$100,000	\$10,000
<i>1/1/12 to 1/31/14 U.S. Department of Transportation through University of Wisconsin System</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Martinko, Richard S.	Intermodal Transportation Institute	0
Co-I	Lindquist, Peter S.	Geography and Planning, Department of	90
Co-I	Nims, Douglas K.	Civil Engineering, Department of	10

N-123076-01	SEP: Earth-abundant solar cells as a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$285,000
<i>9/15/12 to 9/14/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	30
Co-PI	Apul, Defne	Civil Engineering, Department of	15
Co-PI	Bigioni, Terry P.	Chemistry, Department of	15
Co-PI	Chen, Jiquan	Environmental Sciences, Department of	20
Co-PI	Heben, Michael J.	Physics and Astronomy, Department of	20

N-123186-01	Collaborative Research: Analysis of Decentralized Harvested Rainwater Systems using the Urban Water Infrastructure Sustainability Evaluation (uWISE) Framework	No	\$115,830	\$52,704	\$168,534	\$168,534
<i>9/1/12 to 8/31/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Apul, Defne	Civil Engineering, Department of	100

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Civil Engineering, Department of

N-123204-01	Understanding the Role of Biofilm on Disinfection By-Product Formation and Fate in the Water Distribution System	No	\$75,781	\$34,480	\$110,261	\$110,261
9/1/12 to 8/31/13 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Seo, Youngwoo	Civil Engineering, Department of	100			
N-123287-01	LUC-2-1682 Anthony Wayne Bridge Main Cable Long Term Health Monitoring	No	\$31,372	\$6,654	\$38,026	\$38,026
7/15/12 to 7/14/13 <i>U.S. Department of Transportation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			
N-123301-01	Evaluation of Support Inspection Program	No	\$146,614	\$22,493	\$169,107	\$169,107
8/23/12 to 12/22/13 <i>U.S. Department of Transportation through Mistras Group, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	50			
Co-I	Hu, Liangbo	Civil Engineering, Department of	50			
N-123328-01-A1	Green Storm Water Infrastructure	No	\$13,636	\$1,364	\$15,000	\$15,000
1/31/13 to 10/1/13 <i>Ohio Lake Erie Commission</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gruden, Cyndee	Civil Engineering, Department of	100			
N-123353-01	Evaluation of Fiber Reinforced Cementitious Mixes for Flexible Pavement	No	\$13,945	\$1,395	\$15,340	\$15,340
8/15/12 to 4/30/14 <i>Defiance County Engineer's Office</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hu, Liangbo	Civil Engineering, Department of	75			
Co-I	Chou, Eddie Yein-Juin	Civil Engineering, Department of	25			
N-123513-01	Tilt Measurement and Monitoring of Jeremiah Morrow Bridge	No	\$4,017	\$1,237	\$5,254	\$5,254
8/1/12 to 6/30/13 <i>U.S. Department of Transportation through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	100			
N-123621-01	Ohio Workforce Accelerator Network	No	\$813,100	\$83,798	\$896,898	\$807,208
1/1/13 to 12/31/13 <i>Ohio Board of Regents</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Randolph, Brian W.	Civil Engineering, Department of	90			
Co-I	Gordon, Terribeth R.	Administration, College of Business Innovation	5			
Co-I	Hewitt, Paul R.	Mathematics, Department of	5			
N-123716-01	UT Passive Stormwater Treatment Demonstration	No	\$35,992	\$0	\$35,992	\$35,992
1/1/13 to 12/31/13 <i>U.S. Environmental Protection Agency through Ohio Environmental Protection Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gruden, Cyndee	Civil Engineering, Department of	100			

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Civil Engineering, Department of

N-123877-01	Phase I Activities Supporting Port Mann Bridge Stay Cable Ice Prevention and Removal	No	\$110,463	\$19,583	\$130,046	\$58,521
<i>3/1/13 to 2/28/14 Transportation Investment Corporation through HNTB Ohio, Inc.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Nims, Douglas K.	Civil Engineering, Department of		45	
	Co-I	Martinko, Richard S.	Intermodal Transportation Institute		10	
	Co-I	Ng, Tsun-Ming Terry	Mechanical, Industrial, and Manufacturing Engineering, Department of		45	
N-123895-01	Feasibility Study on Disinfection By-product Monitoring Sensor for Drinking Water Treatment Systems	No	\$12,462	\$0	\$12,462	\$12,462
<i>3/1/13 to 2/28/14 Nexus Technologies Co. Ltd.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Seo, Youngwoo	Civil Engineering, Department of		100	
R-105227-18	Radon Web Site	No	\$30,000	\$0	\$30,000	\$30,000
<i>10/1/12 to 9/30/13 U.S. Environmental Protection Agency through Ohio Department of Health</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Kumar, Ashok	Civil Engineering, Department of		100	
R-106736-13	The University of Toledo Pollution Prevention Grant Proposal	No	\$73,751	\$23,270	\$97,021	\$77,617
<i>10/1/12 to 9/30/13 U.S. Environmental Protection Agency</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Kumar, Ashok	Civil Engineering, Department of		80	
	Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of		20	
R-108982-12	Engineering for Migrant Students and Teachers	No	\$38,098	\$1,905	\$40,003	\$40,003
<i>7/1/12 to 8/31/13 U.S. Department of Education through Ohio Department of Education</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Pickett, Mark A.	Civil Engineering, Department of		51	
	Co-I	Apul, Defne	Civil Engineering, Department of		49	
R-110135-03	Phase VI - Pavement Management Information System	No	\$66,825	\$6,683	\$73,508	\$73,508
<i>5/23/13 to 7/1/14 City of Toledo</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of		100	
	Co-I	Murnen, George J.	Civil Engineering, Department of		0	
	Stdnt Schol	Leech, Joseph Charles	Civil Engineering, Department of			
	Stdnt Schol	Ng, Vincent Laphang	Civil Engineering, Department of			
	Stdnt Schol	Pietrzycki, James Mark	Civil Engineering, Department of			
	Stdnt Schol	Wellman, Brian C.	Civil Engineering, Department of			
S-121131-01-S3	The Role of Extracellular Polymeric Substances of Biofilm on Pathogen Disinfection in Water Distribution Systems	No	\$5,000	\$1,000	\$6,000	\$6,000
<i>5/12/12 to 8/31/12 National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Seo, Youngwoo	Civil Engineering, Department of		100	

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Civil Engineering, Department of

S-121131-01-S4	The Role of Extracellular Polymeric Substances of Biofilm on Pathogen Disinfection in Water Distribution Systems	No	\$1,374	\$625	\$1,999	\$1,999	
<i>5/31/12 to 8/31/12 National Science Foundation</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Seo, Youngwoo	Civil Engineering, Department of				100
S-121554-02-S1	Ice Prevention or Removal on the Veteran's Glass City Skyway Cables	No	\$8,127	\$639	\$8,766	\$8,766	
<i>11/1/12 to 1/31/14 U.S. Department of Transportation through Ohio Department of Transportation</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Nims, Douglas K.	Civil Engineering, Department of				100
S-122796-02-S1	Development of Transportation Asset Management Decision Support Tools	No	\$271,137	\$76,545	\$347,682	\$260,762	
<i>5/17/13 to 6/30/14 U.S. Department of Transportation through Ohio Department of Transportation</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of				75
	Co-I	Sun, Weiqing	Engineering Technology, Department of				25
S-122897-02-S1	National Transit Research Consortium led by the Mineta Transportation Institute	No	\$74,102	\$22,972	\$97,074	\$53,391	
<i>1/1/13 to 12/31/13 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
S-123204-01-S1	Understanding the Role of Biofilm on Disinfection By-Product Formation and Fate in the Water Distribution System	No	\$6,000	\$0	\$6,000	\$6,000	
<i>5/1/13 to 8/31/13 National Science Foundation</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Seo, Youngwoo	Civil Engineering, Department of				100
Sum of Department (Civil Engineering, Department of)					Award Count: 21.38	\$2,454,048	

Electrical Engineering and Computer Science, Department of

C-121762-03	Real-Time Combat Navigation System and Virtual Battlespace	No	\$53,697	\$24,432	\$78,129	\$78,129	
<i>5/1/12 to 4/30/13 Air Force Office of Scientific Research through University of Cincinnati</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				100
C-122493-02	Collaborative Research: Integrated Vulnerability-Reliability Modeling and Analysis of Cyber-Physical Power Systems	No	\$93,071	\$42,347	\$135,418	\$135,418	
<i>6/1/13 to 5/31/14 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

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Electrical Engineering and Computer Science, Department of

N-123160-01	Role of Pukinje System Anatomy and Altered Calcium Dynamics in CPVT: A Modeling Study	No	\$70,000	\$0	\$70,000	\$70,000
<i>7/1/12 to 6/30/13 American Heart Association - National</i>						
	<u>Role</u> PI/PD	<u>Name</u> Deo, Makarand	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 100	
N-123227-01	Novel Analog Reconfigurable Resistive Random Access Memory (ReRAM) Devices for Low-Power Extreme-Scale Neuromorphic Computing	No	\$30,000	\$0	\$30,000	\$30,000
<i>8/23/12 to 10/31/14 IBM Corporation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Jha, Rashmi	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 100	
N-123389-01	Collaborative Research: Enhancing Spectral Access via Directional Spectrum Sensing Employing 3D Cone Filterbanks: Interdisciplinary Algorithms and Prototypes	No	\$68,746	\$31,279	\$100,025	\$100,025
<i>9/1/12 to 8/31/13 National Science Foundation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Devabhaktuni, Vijay Kumar	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 100	
N-123391-01	EAGER: Collaborative Research: Time Critical Localization in Mobile Networks	No	\$68,729	\$31,272	\$100,001	\$100,001
<i>9/1/12 to 8/31/14 National Science Foundation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Alam, Mansoor	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 50	
	<u>Co-I</u>	<u>Name</u> Devabhaktuni, Vijay Kumar	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 50	
N-123411-01	I-Corps: High Density Memristive Devices for Non-Volatile Memory Applications	No	\$45,000	\$5,000	\$50,000	\$50,000
<i>7/1/12 to 12/31/13 National Science Foundation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Jha, Rashmi	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 100	
N-123417-01	Computer-Aided Assessment of Renewable Energy Resources in Commercial Environments - Phase II	No	\$48,110	\$21,890	\$70,000	\$70,000
<i>8/13/12 to 8/12/13 Wind Energy Corporation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Devabhaktuni, Vijay Kumar	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 50	
	<u>Co-I</u>	<u>Name</u> King, Roger J.	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 50	
N-123423-01	I-Corps: A Compact Low-Cost Wire Antenna Array for Dedicated Short Range Communications	No	\$45,000	\$5,000	\$50,000	\$50,000
<i>7/1/12 to 12/31/12 National Science Foundation</i>						
	<u>Role</u> PI/PD	<u>Name</u> Devabhaktuni, Vijay Kumar	<u>Department</u> Electrical Engineering and Computer Science, Department of		<u>% Credit</u> 100	

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Electrical Engineering and Computer Science, Department of

N-123485-01	CAREER: Novel Nanoelectronic Reconfigurable Synaptic Memory Devices	No	\$282,419	\$117,581	\$400,000	\$400,000
<i>1/15/13 to 12/31/13 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-123521-01	Control and Optimization of Thermal Energy Transfer System for Buildings Including Geothermal Resources - Phase 1	No	\$12,852	\$5,848	\$18,700	\$18,700
<i>9/1/12 to 12/31/12 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-123546-01	Development of Mobile Integration with Auto Aftermarket eCommerce and Lot Traceability for Automotive Plants	No	\$34,364	\$15,636	\$50,000	\$25,000
<i>8/15/12 to 5/14/13 Pilkington North America</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Acosta, William F.	Engineering Technology, Department of	50			
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science, Department of	50			
N-123709-01	Control and Optimization of Thermal Energy Transfer System for Buildings Including Geothermal Resources - Phase 2	No	\$12,923	\$5,880	\$18,803	\$18,803
<i>1/1/13 to 4/30/13 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-123993-01	Control and Optimization of Thermal Energy Transfer System Including Geothermal Resources - Part 3	No	\$12,912	\$5,875	\$18,787	\$18,787
<i>5/1/13 to 8/31/13 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			
R-123245-02	NSF IPA Assignment - Min Song	No	\$222,799	\$0	\$222,799	\$222,799
<i>10/12/12 to 10/11/13 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-PI	Song, Min	Electrical Engineering and Computer Science, Department of	0			
S-121555-01-S1	New Methodologies for System-Level Electromagnetic Compatibility (EMC) Analysis of Electronic Systems	No	\$10,000	\$0	\$10,000	\$10,000
<i>6/13/13 to 8/31/14 National Science Foundation</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	100			

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Electrical Engineering and Computer Science, Department of

S-122468-01-S2	BRIGE: Transition Metal Oxide Based Multifunctional Nanoelectronic Memristor Devices	No	\$34,000	\$0	\$34,000	\$34,000
<i>2/28/13 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

S-122468-01-S3	BRIGE: Transition Metal Oxide Based Multifunctional Nanoelectronic Memristor Devices	No	\$16,000	\$0	\$16,000	\$16,000
<i>5/15/13 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
Stdnt Schol	Gillespie, Gabrielle Faith	Electrical Engineering and Computer Science, Department of	
Stdnt Schol	Sara, Joseph Laith	Electrical Engineering and Computer Science, Department of	

S-123485-01-S1	CAREER: Novel Nanoelectronic Reconfigurable Synaptic Memory Devices	No	\$16,000	\$0	\$16,000	\$16,000
<i>5/15/13 to 12/31/13 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
Stdnt Schol	Alexander, Kaitlyn N.	Electrical Engineering and Computer Science, Department of	
Stdnt Schol	Ciccione, Albert Joseph	Electrical Engineering and Computer Science, Department of	

T-123470-01	CAREER: Distributed Broadcasting Protocols for Multi-Channel and Multi-Rate Ad Hoc Mesh Networks	No	\$78,703	\$35,810	\$114,513	\$114,513
<i>8/1/12 to 12/31/13 National Science Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Song, Min	Electrical Engineering and Computer Science, Department of	100

Sum of Department (**Electrical Engineering and Computer S**) Award Count: **19.50** **\$1,578,175**

Engineering Technology, Department of

N-123546-01	Development of Mobile Integration with Auto Aftermarket eCommerce and Lot Traceability for Automotive Plants	No	\$34,364	\$15,636	\$50,000	\$25,000
<i>8/15/12 to 5/14/13 Pilkington North America</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Acosta, William F.	Engineering Technology, Department of	50
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science, Department of	50

S-122796-02-S1	Development of Transportation Asset Management Decision Support Tools	No	\$271,137	\$76,545	\$347,682	\$86,921
<i>5/17/13 to 6/30/14 U.S. Department of Transportation through Ohio Department of Transportation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of	75
Co-I	Sun, Weiqing	Engineering Technology, Department of	25

Sum of Department (**Engineering Technology, Department o**) Award Count: **0.75** **\$111,921**

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

C-119911-06	Turbomachinery Computational Aero-Acoustics (CAA)	No	\$37,100	\$9,646	\$46,746	\$46,746
<i>6/1/12 to 9/30/12 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
C-119911-07	Turbomachinery Computational Aero-Acoustics (CAA)	No	\$56,814	\$22,716	\$79,530	\$79,530
<i>10/1/12 to 3/31/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
C-119940-03	Development of Life Prediction and Probabilistic Analysis Tools for High Temperature Composites	No	\$183,967	\$38,375	\$222,342	\$222,342
<i>9/13/12 to 9/30/13 NASA John H. Glenn Research Center at Lewis Field</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Mital, Subodh K.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
C-119941-02	Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations	Yes	\$92,604	\$42,135	\$134,739	\$134,739
<i>1/1/13 to 9/30/13 NASA John H. Glenn Research Center at Lewis Field</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
Co-I	Rausser, Richard W.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
C-119973-02	Microstructural Analysis and Structure-Property Correlation in Advanced High-Temperature Materials Developed for Improved Material Performance	Yes	\$183,205	\$83,358	\$266,564	\$266,564
<i>8/31/12 to 8/30/13 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, Department of			100	
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
C-119977-02	Extended Durability of Materials in Advanced Propulsion and Power Systems for Aeronautic and Space Exploration	Yes	\$156,566	\$71,238	\$227,804	\$227,804
<i>8/31/12 to 8/30/13 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, Department of			100	
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
C-119981-06	NASA-GRC Solid Oxide Fuel Cell Technology for High Power Density Aeronautic and Space Applications	Yes	\$270,889	\$123,255	\$394,143	\$394,143
<i>10/1/12 to 8/30/13 NASA John H. Glenn Research Center at Lewis Field</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

C-119982-02	A Workplan for Testing Aerospace Components and Advanced Materials	Yes	\$190,866	\$86,844	\$277,711	\$277,711
<i>9/11/12 to 9/30/13</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	Pawlik, Ralph James	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
Co-I	Zima, John D.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
C-119984-02	Smart Damping for Turbomachinery Blades	Yes	\$70,179	\$31,932	\$102,111	\$102,111
<i>10/24/12 to 9/30/13</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	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
C-121928-03	Fatigue Behavior and Modeling of Polymeric Materials	No	\$116,735	\$53,114	\$169,849	\$169,849
<i>5/15/12 to 5/14/13</i>	<i>General Motors</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
C-123424-02	In-house Advanced Stirling Research and Development	No	\$13,396	\$3,483	\$16,879	\$16,879
<i>10/1/12 to 12/31/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-119941-01	Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations	Yes	\$93,569	\$41,170	\$134,739	\$134,739
<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, Department of		100		
Co-I	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-119973-01	Microstructural Analysis and Structure-Property Correlation in Advanced High-Temperature Materials Developed for Improved Material Performance	Yes	\$185,114	\$81,450	\$266,564	\$266,564
<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, Department of		100		
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of		0		
N-119977-01	Extended Durability of Materials in Advanced Propulsion and Power Systems for Aeronautic and Space Exploration	Yes	\$158,197	\$69,607	\$227,804	\$227,804
<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, Department of		100		
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of				

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

N-119981-01	NASA-GRC Solid Oxide Fuel Cell Technology for High Power Density Aeronautic and Space Applications	Yes	\$115,269	\$50,718	\$165,987	\$165,987
<i>10/3/07 to 10/2/11</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	Cable, Thomas L.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-PI	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-119982-01	A Workplan for Testing Aerospace Components and Advanced Materials	Yes	\$192,855	\$84,856	\$277,711	\$277,711
<i>9/11/07 to 9/10/12</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	Pawlik, Ralph James	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-119983-01	Turbomachinery Aeroelastic Analysis Tools for Aerospace Propulsion Application	Yes	\$162,557	\$71,525	\$234,081	\$234,081
<i>11/1/07 to 8/30/13</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	Reddy, Tondapu S.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-119984-01	Smart Damping for Turbomachinery Blades	Yes	\$70,910	\$31,201	\$102,111	\$102,111
<i>10/25/07 to 10/24/12</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	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-120174-01	Advanced Aerospace Seals Research	Yes	\$237,954	\$104,700	\$342,653	\$342,653
<i>9/1/07 to 11/30/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through University of Akron</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Taylor, Shawn	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-120176-01	Advanced Aerospace Seals Research	Yes	\$237,954	\$104,700	\$342,653	\$342,653
<i>12/1/07 to 11/30/12</i>	<i>NASA John H. Glenn Research Center at Lewis Field through University of Akron</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Demange, Jeffrey J.	Mechanical, Industrial, and Manufacturing Engineering, Department of		95		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		5		
N-120567-01	Fatigue Behavior of Sheet and Cast Aluminum for Structural Durability	Yes	\$20,833	\$9,167	\$30,000	\$30,000
<i>3/1/08 to 5/8/09</i>	<i>General Motors</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-122834-01	Relating FTS Catalyst Properties to Performance	Yes	\$131,739	\$59,941	\$191,681	\$191,681
<i>6/23/11 to 10/31/13</i>	<i>NASA John H. Glenn Research Center at Lewis Field through University of Kentucky</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

N-122979-01	Design a clean energy generation system via biophotofuel cell approach	No	\$10,309	\$4,691	\$15,000	\$15,000
8/15/12 to 8/14/13	U.S. Environmental Protection Agency					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gan, Yong X.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-123166-01-A1	Injectable Bone Cement (University Technology Validation and Start-Up Fund)	No	\$50,000	\$0	\$50,000	\$25,000
12/17/12 to 12/17/13	Ohio Development Services Agency					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Snider, Stephen J.	Technology Corridor		0		
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of		50		
Co-I	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of		50		
N-123294-01	Strain-Controlled Fatigue Performance for Design Optimization	No	\$28,866	\$13,134	\$42,000	\$42,000
5/1/12 to 12/31/13	American Iron and Steel Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-123300-01	Evaluation of Atomized Droplet Size of Shaft Mounted Slinger Fuel Injectors	No	\$6,873	\$3,127	\$10,000	\$10,000
3/29/12 to 6/29/12	Teledyne					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-123424-01	In-house Advanced Stirling Research and Development	No	\$30,263	\$9,843	\$40,106	\$40,106
7/1/12 to 9/30/12	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
N-123427-01	Development of Advanced Computational Tools for the Simulation of Multistage Turbomachinery in Support of Aero propulsion	No	\$73,574	\$15,241	\$88,815	\$88,815
6/1/12 to 9/30/12	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Mulac, Richard	Mechanical, Industrial, and Manufacturing Engineering, Department of				
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-123429-01	Support of EES Space Act Agreement (Mechanical Engineering)	No	\$6,208	\$1,304	\$7,512	\$7,512
6/1/12 to 7/31/12	NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of		100		
Co-I	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing Engineering, Department of				

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

N-123430-01	URANS Calculations to Support NASA SRW-VSPT	No	\$15,652	\$3,255	\$18,907	\$18,907
<i>6/1/12 to 9/30/12 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-123477-01	M525 MR Hover Capabilities Risk Reduction	No	\$34,365	\$15,635	\$50,000	\$50,000
<i>9/1/12 to 12/31/12 Bell Helicopter</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
N-123500-01	Airframe Lift and Drag Optimization	No	\$34,364	\$15,363	\$49,727	\$49,727
<i>7/20/12 to 11/30/12 U.S. Department of the Army through AVX Aircraft Company</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
N-123530-01	Strengthening of Glass Articles	No	\$85,131	\$38,735	\$123,866	\$123,866
<i>8/1/12 to 10/31/13 Libbey, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
N-123577-01	PMT Thrombectomy Device	No	\$50,000	\$0	\$50,000	\$40,000
<i>1/28/13 to 4/30/14 Ohio Development Services Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Snider, Stephen J.	Technology Corridor			0	
Co-I	Cooper, Christopher	Medicine, Department of			20	
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of			80	
N-123603-01	Flywheel System Model for Wright-Patterson AF Base HESM Project	No	\$9,758	\$2,076	\$11,834	\$11,834
<i>10/1/12 to 12/28/12 National Aeronautics and Space Administration through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
N-123604-01	Multistage Turbomachinery Advanced Computational Tool Development	No	\$110,970	\$23,135	\$134,105	\$134,105
<i>10/1/12 to 3/31/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Co-I	Mulac, Richard	Mechanical, Industrial, and Manufacturing Engineering, Department of				
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing Engineering, Department of				
N-123605-01	URANS Calculations to Support NASA SRW-VSPT	No	\$49,364	\$10,370	\$59,734	\$59,734
<i>10/1/12 to 9/30/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing Engineering, Department of				

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

N-123610-01	Mechanical Behavior of Polymers at Different Temperatures	No	\$168,385	\$76,615	\$245,000	\$245,000
<i>10/15/12 to 10/14/13 General Motors</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123622-01	Seamless Transition from Academia to Real-world (STAR): A Collaborative Partnership to Producing Industry Ready Graduates	No	\$17,182	\$7,818	\$25,000	\$25,000
<i>1/1/13 to 4/30/14 National Science Foundation through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kumar, Manish	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123676-01	Sensor Resource Management	No	\$3,882	\$1,766	\$5,648	\$5,648
<i>2/12/13 to 5/1/13 Missile Defense Agency through University of Cincinnati</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kumar, Manish	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123710-01	Fatigue Behavior of TATA AMS 6308 Steel and Comparison with Carpenter Pyrowear 53 (Task 4)	No	\$9,622	\$4,378	\$14,000	\$14,000
<i>9/15/12 to 12/15/12 Pratt & Whitney Division</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123734-01	Advanced Aerospace Seals Research	No	\$268,954	\$56,785	\$325,739	\$325,739
<i>12/1/12 to 9/30/13 NASA John H. Glenn Research Center at Lewis Field through University of Akron</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123764-01	G6 Flywheel Bearing Design and Analysis	No	\$9,490	\$2,022	\$11,512	\$11,512
<i>1/1/13 to 3/29/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123765-01	CFD Consortium Feasibility Study - Part C	No	\$5,756	\$1,212	\$6,968	\$6,968
<i>11/28/12 to 1/31/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-123877-01	Phase I Activities Supporting Port Mann Bridge Stay Cable Ice Prevention and Removal	No	\$110,463	\$19,583	\$130,046	\$58,521
<i>3/1/13 to 2/28/14 Transportation Investment Corporation through HNTB Ohio, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	45			
Co-I	Martinko, Richard S.	Intermodal Transportation Institute	10			
Co-I	Ng, Tsun-Ming Terry	Mechanical, Industrial, and Manufacturing Engineering, Department of	45			

Engineering, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Mechanical, Industrial, and Manufacturing Engineering, Department of

N-124018-01	Women in Science Day of Meetings (WISDOM)	No	\$5,000	\$0	\$5,000	\$5,000
4/1/13 to 3/31/14 <i>Ohio Space Grant Consortium</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Berhan, Lesley	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-124062-01	Vehicle Systems Safety Technologies	No	\$20,481	\$4,275	\$24,756	\$24,756
6/1/13 to 9/30/13 <i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
N-124090-01	PFI: AIR Technology Translation - A Microwave Assisted Biomimetic Coating Technology for Polymer Implants	No	\$103,093	\$46,907	\$150,000	\$135,000
6/1/13 to 5/31/14 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of	90			
Co-PI	Goel, Vijay K.	Bioengineering, Department of	10			
R-106736-13	The University of Toledo Pollution Prevention Grant Proposal	No	\$73,751	\$23,270	\$97,021	\$19,404
10/1/12 to 9/30/13 <i>U.S. Environmental Protection Agency</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kumar, Ashok	Civil Engineering, Department of	80			
Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing Engineering, Department of	20			
S-119911-07-S1	Turbomachinery Computational Aero-Acoustics (CAA)	No	\$61,698	\$18,745	\$80,443	\$80,443
4/1/13 to 9/30/13 <i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
S-122124-01-S1	Application of Wave Bearing Technology To Helicopter Transmissions	No	\$1,333,275	\$274,182	\$1,607,457	\$1,607,457
9/1/10 to 6/5/15 <i>U.S. Department of the Army through Bell Helicopter</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
S-123429-01-S1	Support of EES Space Act Agreement (Mechanical Engineering)	No	\$6,207	\$1,304	\$7,511	\$7,511
8/1/12 to 9/30/12 <i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			
Co-I	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing Engineering, Department of				
S-123604-01-S1	Multistage Turbomachinery Advanced Computational Tool Development	No	\$111,832	\$23,315	\$135,147	\$135,147
4/1/13 to 9/30/13 <i>NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of	100			

Engineering, College of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
Mechanical, Industrial, and Manufacturing Engineering, Department of						
S-123764-01-S1	G6 Flywheel Bearing Design and Analysis	No	\$19,425	\$4,140	\$23,565	\$23,565
<i>4/1/13 to 9/30/13 NASA John H. Glenn Research Center at Lewis Field through Vantage Partners, LLC</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Engineering, Department of			100	
Sum of Department (Mechanical, Industrial, and Manufactu			Award Count: 51.85		\$7,701,678	
Sum of College (Engineering, College of)			Award Count: 115.03		\$16,072,478	

Languages, Literature and Social Sciences, College of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
Economics, Department of						
C-122840-02	The Assessment and Evaluation of Fiscal Transparency at China's Provincial Level	No	\$127,771	\$6,700	\$134,471	\$134,471
<i>8/1/12 to 7/31/14 Ford Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Chang, Gene Hsin	Economics, Department of			100	
Sum of Department (Economics, Department of)			Award Count: 1.00		\$134,471	

English, Department of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
N-123585-01	From Kuschwanz to Kwanzaa Park: Using Immigrant History & Culture for Culturally Relevant Pedagogy in STEMM	No	\$16,000	\$0	\$16,000	\$3,200
<i>1/17/13 to 1/16/14 Ohio Humanities Council</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u>	
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership			40	
Co-I	Barden, Thomas E.	English, Department of			20	
Co-I	McKether, Willie L.	Sociology and Anthropology, Department of			20	
Co-I	Michney, Todd M.	History, Department of			20	
Statistician	Haughton, Noela A.	Curriculum and Instruction, Department of				
Sum of Department (English, Department of)			Award Count: 0.20		\$3,200	

Foreign Languages, Department of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
C-119920-08	Student Teacher Assistants	No	\$4,950	\$495	\$5,445	\$5,445
<i>4/1/13 to 3/31/14 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	
Stdnt Schol	Kondo, Airi	Foreign Languages, Department of				

Languages, Literature and Social Sciences, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Foreign Languages, Department of

N-123656-01	STARTALK CHELER Program for Chinese heritage school teachers and administrators	No	\$79,377	\$19,844	\$99,221	\$99,221
<i>4/29/13 to 2/28/14</i>	<i>National Security Agency</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Cheng, An Chung	Foreign Languages, Department of	100
Stdnt Schol	Xu, Mingzhe		

S-119920-07-S1	Student Teacher Assistants	No	\$2,861	\$286	\$3,147	\$3,147
<i>10/1/12 to 3/31/13</i>	<i>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
Stdnt Schol	Kondo, Airi	Foreign Languages, Department of	

Sum of Department (**Foreign Languages, Department of**) Award Count: **3.00** **\$107,813**

Geography and Planning, Department of

C-120071-05	Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Land-Lake Ecosystem Interface	No	\$454,891	\$38,012	\$492,903	\$59,148
<i>7/1/12 to 6/30/14</i>	<i>National Science Foundation</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	50
Co-PI	Becker, Richard	Environmental Sciences, Department of	12
Co-PI	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	13
Co-PI	Czajkowski, Kevin Paul	Geography and Planning, Department of	12
Co-PI	Gruden, Cyndee	Civil Engineering, Department of	13

C-120628-05	Analyzing Regional Freight Information Resources	No	\$68,729	\$31,272	\$100,001	\$70,001
<i>1/1/12 to 9/30/13</i>	<i>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	70
Co-I	Martinko, Richard S.	Intermodal Transportation Institute	30

N-122740-01	Analysis of Transit Travel Demand Change in U.S Metropolitan Statistical Areas Between 2000 and 2010 Using Two-Stage Least Squares Regression	No	\$35,869	\$8,160	\$44,029	\$44,029
<i>8/15/12 to 8/14/13</i>	<i>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	Alam, Bhuiyan M.	Geography and Planning, Department of	100

N-123029-01	CFIRE-UTC Recompetition	No	\$68,729	\$31,271	\$100,000	\$90,000
<i>1/1/12 to 1/31/14</i>	<i>U.S. Department of Transportation through University of Wisconsin System</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Martinko, Richard S.	Intermodal Transportation Institute	0
Co-I	Lindquist, Peter S.	Geography and Planning, Department of	90
Co-I	Nims, Douglas K.	Civil Engineering, Department of	10

Languages, Literature and Social Sciences, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Geography and Planning, Department of

N-123318-01	Development of Methodology for Generating Distance and Commodity Flow Tables into and through the Great Lakes Basin	No	\$95,163	\$28,549	\$123,712	\$123,712
<i>6/1/12 to 3/26/13</i>	<i>U.S. Army Corps of Engineers through Ecology and Environment, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of	100

S-121124-01-S1	LEADERS: Leadership for Educators: Academy for Driving Economic Revitalization in Science	No	\$51,936	\$6,308	\$58,244	\$58,244
<i>7/24/12 to 8/31/14</i>	<i>National Science Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of	100

S-123029-01-S1	Making Freight-Centric Communities More Livable: Measuring the Impact of Advanced Technologies	No	\$41,237	\$18,763	\$60,000	\$42,000
<i>1/1/12 to 12/31/13</i>	<i>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	70
Co-I	Vonderembse, Mark A.	Information Operations and Technology Management	30

S-123029-01-S2	Mining Automatic Identification System (AIS) Data for Improved Vessel Trip Analysis Capabilities	No	\$54,983	\$25,017	\$80,000	\$56,000
<i>1/1/12 to 12/31/13</i>	<i>U.S. Department of Transportation through University of Wisconsin System</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of	70
Co-I	Vonderembse, Mark A.	Information Operations and Technology Management	30

Sum of Department (**Geography and Planning, Department**) Award Count: **6.12** **\$543,134**

History, Department of

N-123585-01	From Kuschwanz to Kwanzaa Park: Using Immigrant History & Culture for Culturally Relevant Pedagogy in STEMM	No	\$16,000	\$0	\$16,000	\$3,200
<i>1/17/13 to 1/16/14</i>	<i>Ohio Humanities Council</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership	40
Co-I	Barden, Thomas E.	English, Department of	20
Co-I	McKether, Willie L.	Sociology and Anthropology, Department of	20
Co-I	Michney, Todd M.	History, Department of	20
Statistician	Haughton, Noela A.	Curriculum and Instruction, Department of	

Sum of Department (**History, Department of**) Award Count: **0.20** **\$3,200**

Psychology, Department of

Languages, Literature and Social Sciences, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Psychology, Department of

N-122910-01-A1	Longitudinal MRI study of PTSD development from days to weeks after trauma	No	\$156,558	\$77,966	\$234,524	\$0
<i>4/1/13 to 3/31/14</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Wang, Xin	Psychiatry, Department of	50
Co-I	Brickman, Kristopher R.	Surgery, Department of	5
Co-I	Dennis, Michael	Radiology, Department of	0
Co-I	Elhai, Jon D.	Psychology, Department of	0
Co-I	Smirnoff-Poling, Jennifer Boyd	Psychiatry, Department of	
Co-I	Tamburrino, Marijo	Psychiatry, Department of	40
Co-I	Xie, Hong	Neurosciences, Department of	5

N-123450-01	Agency, Choice, and Placebo Expectation Effects	No	\$2,000	\$0	\$2,000	\$2,000
<i>8/20/12 to 6/1/13</i>	<i>Psi Chi</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Rose, Jason P.	Psychology, Department of	100

Sum of Department (**Psychology, Department of**) Award Count: **1.00** **\$2,000**

Sociology and Anthropology, Department of

N-123585-01	From Kuschwanz to Kwanzaa Park: Using Immigrant History & Culture for Culturally Relevant Pedagogy in STEMM	No	\$16,000	\$0	\$16,000	\$3,200
<i>1/17/13 to 1/16/14</i>	<i>Ohio Humanities Council</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership	40
Co-I	Barden, Thomas E.	English, Department of	20
Co-I	McKether, Willie L.	Sociology and Anthropology, Department of	20
Co-I	Michney, Todd M.	History, Department of	20
Statistician	Haughton, Noela A.	Curriculum and Instruction, Department of	

Sum of Department (**Sociology and Anthropology, Departm**) Award Count: **0.20** **\$3,200**

Sum of College (**Languages, Literature and Social Sciences**) Award Count: **11.72** **\$797,018**

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

AHEC

C-010336-19	AHEC Point of Service Maintenance and Enhancement	No	\$717,520	\$13,896	\$731,416	\$731,416
<i>9/1/12 to 8/31/13</i>	<i>Division of Medicine</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Vasquez, Kathleen	AHEC	100

Sum of Department (**AHEC**) Award Count: **1.00** **\$731,416**

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Anesthesiology, Department of

N-123989-01	Anesthesiology fellowship	No	\$15,000	\$0	\$15,000	\$15,000
<i>7/1/12 to 6/30/13</i>	<i>Boston Scientific Corporation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of	100

Sum of Department (**Anesthesiology, Department of**) Award Count: **1.00** **\$15,000**

Biochemistry & Cancer Biology, Department of

C-010087-25	Digitalis-Induced Signaling by Cardiac Na⁺/K⁺-ATPase	No	\$1,077,410	\$375,943	\$1,453,353	\$1,453,353
<i>4/1/13 to 3/31/14</i>	<i>National Heart, Lung & Blood Institute</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Askari, Amir	Biochemistry & Cancer Biology, Department of	100
Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of	
Co-I	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of	
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of	

C-120298-05	Choose Ohio First Scholarship Program	No	\$37,600	\$0	\$37,600	
<i>7/1/12 to 6/30/14</i>	<i>Ohio Board of Regents through Ohio University</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100
Co-I	Chin, Khew-Voon	Medicine, Department of	
Co-I	Fedorov, Alexei	Medicine, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Trumbly, Robert	Biochemistry & Cancer Biology, Department of	
Co-I	Weaver, David	Phys Pharm Met/Cardio Science, Department of	

C-120360-03	Immune Response to Pneumococcal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	
<i>6/1/12 to 5/31/13</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Westerink, M.A. Julia	Medicine, Department of	100
Co-I	Dignam, John David	Biochemistry & Cancer Biology, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of	

C-120751-04	Novel Role of Base Excision Repair and Mismatch Repair in Cisplatin Sensitivity	No	\$181,721	\$90,497	\$272,218	\$272,218
<i>3/1/13 to 2/28/14</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100

C-120768-04	Dissecting the Mechanisms of Tamoxifen Action	No	\$201,275	\$100,235	\$301,510	\$301,510
<i>5/1/12 to 6/30/12</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ratnam, Manohar	Biochemistry & Cancer Biology, Department of	100

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Biochemistry & Cancer Biology, Department of

C-121294-04	Regulation of Melanocyte Differentiation by SWI/SNF Chromatin Remodeling Enzymes	No	\$207,859	\$99,530	\$307,389	\$307,389
6/1/13 to 5/31/14 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biology, Department of	100			
Co-I	Khuder, Sadik	Medicine, Department of				
Co-I	Yeung, Kam C.	Biochemistry & Cancer Biology, Department of				
C-121526-04	Mechanisms Driving Cortical Cytoskeleton Dynamics in Cancer Cell Invasion	No	\$189,199	\$94,221	\$283,420	\$269,249
6/1/13 to 5/31/14 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Eisenmann, Kathryn M.	Biochemistry & Cancer Biology, Department of	90			
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of	5			
Co-I	Kalinoski, Andrea L.	Surgery, Department of	5			
C-121746-02	Na/K-ATPase Reduction in Renal Disease-Related Cardiac Dysfunction	No	\$238,000	\$118,524	\$356,524	
12/15/12 to 12/14/13 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tian, Jiang	Medicine, Department of	100			
Co-I	Liu, Jiang	Medicine, Department of				
Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of				
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of				
C-123653-02	Dissecting the Mechanisms of Tamoxifen Action	No	\$2,500	\$1,245	\$3,745	\$3,745
5/1/13 to 9/30/13 National Cancer Institute through Wayne State University						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100			
N-122611-01-A1	Targeting the ERCC1/XPF Nuclease For Cancer Therapy	No	\$80,000	\$39,840	\$119,840	\$119,840
9/27/12 to 8/31/13 National Institutes of Health through Nerx Biosciences, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100			
N-122982-01	Chemotherapeutic Regulation of Autoimmunity Without Overt Cytotoxicity	No	\$63,095	\$6,310	\$69,405	
7/1/12 to 6/30/13 American Heart Association - Great Rivers Affiliate						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Quinn, Anthony	Biological Sciences, Department of	100			
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of				
Co-I	Hacker, Estate of Dr. Miles P.	Pharmacology, Department of				
Co-I	Koffman, Boyd	Neurology, Department of				

Medicine, College of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Biochemistry & Cancer Biology, Department of						
N-123536-01	Mechanisms of subtelomere recombinations in telomerase deficient tumors	No	\$150,611	\$69,967	\$220,578	\$220,578
<i>1/31/13 to 10/31/13 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Morrish, Tammy	Biochemistry & Cancer Biology, Department of	100			
N-123590-01	Payment Agreement for Mugdha Patki	No	\$10,000	\$0	\$10,000	\$10,000
<i>7/1/12 to 6/30/13 Wayne State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100			
Co-I	Patki, Mugdha Rajiv	Graduate Studies, College of				
N-123653-01	Dissecting the Mechanisms of Tamoxifen Action	No	\$42,228	\$21,030	\$63,258	\$63,258
<i>9/24/12 to 4/30/13 National Cancer Institute through Wayne State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100			
R-101102-05-A1	Development of Novel Inducers of Non-Apoptotic Cell Death to Target Glioblastoma	No	\$192,924	\$96,075	\$288,999	\$231,199
<i>7/10/12 to 6/30/13 National Cancer Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of	80			
Co-I	Erhardt, Paul W.	Center for Drug Design and Development	20			
Co-I	Mrak, Robert E.	Pathology, Department of				
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of				
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of				
Sum of Department (Biochemistry & Cancer Biology, Depar			Award Count: 10.75		\$3,252,339	
Family Medicine, Department of						
N-122372-01	Pilot of a Toolkit for the Implementation of the PAINLESS Pathway: Improving Pain Control for the Short Stay Resident	No	\$4,000	\$0	\$4,000	\$4,000
<i>4/1/11 to 3/31/12 American Medical Association Foundation through Benedictine Health System Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Gaspar, Phyllis M.	Family Medicine, Department of	50			
Co-I	Gokula, R.R.Murthy	Family Medicine, Department of	50			
N-123518-01	Ohio Innovation Partnership Choose Ohio First Scholarship Program	No	\$50,000	\$0	\$50,000	\$50,000
<i>7/1/12 to 6/30/13 Ohio Board of Regents</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	French, Linda M.	Family Medicine, Department of				
Co-I	Phelps, Kevin	Family Medicine, Department of	100			

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Family Medicine, Department of

N-123963-01	MORe-CARE	No	\$10,000	\$0	\$10,000	\$5,000
<i>3/1/13 to 2/28/14 Health Resources & Services Administration through Visiting Nurse Association of Mid-Ohio</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Gokula, R.R.Murthy	Family Medicine, Department of	25
Co-I	Brickman, Kristopher R.	Surgery, Department of	25
Co-I	Gaspar, Phyllis M.	Family Medicine, Department of	25
Co-I	Khuder, Sadik	Medicine, Department of	25

Sum of Department (**Family Medicine, Department of**) Award Count: **2.50** **\$59,000**

Med Microbiology & Immunology, Department of

C-120298-05	Choose Ohio First Scholarship Program	No	\$37,600	\$0	\$37,600	\$37,600
<i>7/1/12 to 6/30/14 Ohio Board of Regents through Ohio University</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100
Co-I	Chin, Khew-Voon	Medicine, Department of	
Co-I	Fedorov, Alexei	Medicine, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Trumbly, Robert	Biochemistry & Cancer Biology, Department of	
Co-I	Weaver, David	Phys Pharm Met/Cardio Science, Department of	

C-120360-03	Immune Response to Pneumococcal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	
<i>6/1/12 to 5/31/13 National Institutes of Health</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Westerink, M.A. Julia	Medicine, Department of	100
Co-I	Dignam, John David	Biochemistry & Cancer Biology, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of	

C-120360-04	Immune Response to Pneumococcal Vaccine in HIV Infected Adults	No	\$235,975	\$112,535	\$348,510	
<i>6/1/13 to 5/31/14 National Institutes of Health</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Westerink, M.A. Julia	Medicine, Department of	100
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of	

C-121527-04	Improvement in Paired Donation Program	No	\$242,728	\$87,264	\$329,992	\$329,992
<i>5/1/13 to 4/30/14 National Institutes of Health</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Med Microbiology & Immunology, Department of

C-122185-03	Preclinical Development of a Tularemia Vaccine	No	\$216,212	\$107,673	\$323,885	\$323,885
<i>3/1/13 to 2/28/14 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Huntley, Jason F.	Med Microbiology & Immunology, Department of	100			
C-122388-02	The role of neutrophils and complement in preventing septic meliodosis	No	\$45,000	\$0	\$45,000	\$45,000
<i>7/1/12 to 6/30/13 American Heart Association - Great Rivers Affiliate</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Woodman, Michael Edward	Med Microbiology & Immunology, Department of	100			
C-122444-02	TRPC3 Protein in Molecular and Cellular Events During Atherogenesis	No	\$238,000	\$118,524	\$356,524	
<i>12/1/12 to 11/30/13 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Vazquez, Guillermo	Phys Pharm Met/Cardio Science, Department of	100			
Co-I	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of				
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of				
Co-I	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of				
C-122516-02	B. burgdorferi motility and chemotaxis in the development of Lyme disease	No	\$67,406	\$33,568	\$100,974	\$100,974
<i>9/1/12 to 8/31/13 National Institutes of Health through East Carolina University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of	100			
C-122721-02	American Society for Virology Meeting	No	\$15,000	\$0	\$15,000	\$15,000
<i>7/1/12 to 6/30/13 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Department of	100			
Co-I	Dermody, Terrence					
Co-I	Dutch, Rebecca					
Co-I	Semler, Bert					
Co-I	Verchot-Lubicz, Jeanmarie					
N-101409-01	Secretarial Grant Account	Yes	\$109,895	\$0	\$109,895	\$109,895
<i>1/20/06 to 1/19/14 American Society for Virology</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sawicki, Dorothea	Med Microbiology & Immunology, Department of	100			
N-123091-01	Interaction of Properdin with Platelets: Role in Complement Activation and Inflammation	No	\$70,001	\$7,000	\$77,001	\$77,001
<i>7/1/12 to 6/30/13 American Heart Association - Great Rivers Affiliate</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ferreira, Viviana P.	Med Microbiology & Immunology, Department of	100			

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Med Microbiology & Immunology, Department of

N-123529-01	Role of TRIM79 in innate immunity to tick-borne encephalitis virus	No	\$150,000	\$12,000	\$162,000	\$162,000
<i>2/5/13 to 1/31/14</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Taylor, Roger Travis	Med Microbiology & Immunology, Department of	100

Sum of Department (**Med Microbiology & Immunology, Dep**) Award Count: **9.00** **\$1,201,347**

Medicine, Department of

C-100389-12	Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program	No	\$438,109	\$22,217	\$460,326	\$460,326
<i>4/1/13 to 3/31/14</i>	<i>HIV/AIDS Bureau</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Duggan, Joan	Medicine, Department of	100
Co-I	Georgescu, Claudiu A.	Medicine, Department of	
Co-I	Westerink, M.A. Julia	Medicine, Department of	

C-100529-07	Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	No	\$1,190,944	\$401,449	\$1,592,393	\$1,592,393
<i>6/1/12 to 3/31/13</i>	<i>National Heart, Lung & Blood Institute</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Cooper, Christopher	Medicine, Department of	100

C-100529-08	Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	No	\$759,409	\$378,185	\$1,137,594	\$1,137,594
<i>4/1/13 to 3/31/14</i>	<i>National Heart, Lung & Blood Institute</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Cooper, Christopher	Medicine, Department of	100

C-120298-05	Choose Ohio First Scholarship Program	No	\$37,600	\$0	\$37,600	
<i>7/1/12 to 6/30/14</i>	<i>Ohio Board of Regents through Ohio University</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100
Co-I	Chin, Khew-Voon	Medicine, Department of	
Co-I	Fedorov, Alexei	Medicine, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Trumbly, Robert	Biochemistry & Cancer Biology, Department of	
Co-I	Weaver, David	Phys Pharm Met/Cardio Science, Department of	

C-120360-03	Immune Response to Pneumococcal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	\$370,756
<i>6/1/12 to 5/31/13</i>	<i>National Institutes of Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Westerink, M.A. Julia	Medicine, Department of	100
Co-I	Dignam, John David	Biochemistry & Cancer Biology, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Medicine, Department of

C-120360-04	Immune Response to Pneumococcal Vaccine in HIV Infected Adults	No	\$235,975	\$112,535	\$348,510	\$348,510																			
<i>6/1/13 to 5/31/14 National Institutes of Health</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Westerink, M.A. Julia</td> <td>Medicine, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Khuder, Sadik</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Takashima, Akira</td> <td>Med Microbiology & Immunology, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Westerink, M.A. Julia	Medicine, Department of	100	Co-I	Khuder, Sadik	Medicine, Department of		Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of									
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Westerink, M.A. Julia	Medicine, Department of	100																						
Co-I	Khuder, Sadik	Medicine, Department of																							
Co-I	Takashima, Akira	Med Microbiology & Immunology, Department of																							
C-121294-04	Regulation of Melanocyte Differentiation by SWI/SNF Chromatin Remodeling Enzymes	No	\$207,859	\$99,530	\$307,389																				
<i>6/1/13 to 5/31/14 National Institutes of Health</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>DeLaSerna, Ivana</td> <td>Biochemistry & Cancer Biology, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Khuder, Sadik</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Yeung, Kam C.</td> <td>Biochemistry & Cancer Biology, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biology, Department of	100	Co-I	Khuder, Sadik	Medicine, Department of		Co-I	Yeung, Kam C.	Biochemistry & Cancer Biology, Department of									
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biology, Department of	100																						
Co-I	Khuder, Sadik	Medicine, Department of																							
Co-I	Yeung, Kam C.	Biochemistry & Cancer Biology, Department of																							
C-121527-04	Improvement in Paired Donation Program	No	\$242,728	\$87,264	\$329,992																				
<i>5/1/13 to 4/30/14 National Institutes of Health</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Stepkowski, Stanislaw M.</td> <td>Med Microbiology & Immunology, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Rees, Michael A.</td> <td>Urology, Department of</td> <td></td> </tr> <tr> <td>Statistician</td> <td>Khuder, Sadik</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	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									
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
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-121746-02	Na/K-ATPase Reduction in Renal Disease-Related Cardiac Dysfunction	No	\$238,000	\$118,524	\$356,524	\$356,524																			
<i>12/15/12 to 12/14/13 National Institutes of Health</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Tian, Jiang</td> <td>Medicine, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Liu, Jiang</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Liu, Lijun</td> <td>Biochemistry & Cancer Biology, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Xie, Zi-Jian</td> <td>Phys Pharm Met/Cardio Science, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Tian, Jiang	Medicine, Department of	100	Co-I	Liu, Jiang	Medicine, Department of		Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of		Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Tian, Jiang	Medicine, Department of	100																						
Co-I	Liu, Jiang	Medicine, Department of																							
Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of																							
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of																							
C-122062-03	Inherited Genetic Risk Factors Common to COPD and Lung Cancer	No	\$347,331	\$118,191	\$465,522	\$465,522																			
<i>5/1/13 to 6/30/14 National Heart, Lung & Blood Institute</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Willey, James</td> <td>Medicine, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Blomquist, Thomas M.</td> <td>Resid Prgm-Pathology</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Willey, James	Medicine, Department of	100	Co-I	Blomquist, Thomas M.	Resid Prgm-Pathology													
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Willey, James	Medicine, Department of	100																						
Co-I	Blomquist, Thomas M.	Resid Prgm-Pathology																							
C-122214-03	Receptor Na/K-ATPase Antagonists As Novel Therapeutics For Renal/Cardiac Diseases	No	\$381,281	\$156,066	\$537,347																				
<i>6/1/13 to 5/31/14 National Institutes of Health</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Xie, Zi-Jian</td> <td>Phys Pharm Met/Cardio Science, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Liu, Lijun</td> <td>Phys Pharm Met/Cardio Science, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Tian, Jiang</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	100	Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, Department of		Co-I	Tian, Jiang	Medicine, Department of									
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	100																						
Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, Department of																							
Co-I	Tian, Jiang	Medicine, Department of																							

Medicine, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Medicine, Department of

C-122255-02	PROspective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE Trial)	Yes	\$9,136	\$914	\$10,050	\$10,050
5/1/12 to 4/30/14 <i>National Heart, Lung & Blood Institute through Duke University</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Tinkel, Jodi Lee	Medicine, Department of	80
Co-I	Colyer, William R.	Medicine, Department of	10
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Khouri, Samer J.	Medicine, Department of	10

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 Patient Foramen Ovale (CLOSURE 1)	Yes	\$30	\$8	\$38	
7/18/03 to 5/19/11 <i>NMT Medical, Inc.</i>						

<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	Yes	\$440	\$110	\$550	\$550
9/29/04 to 9/28/12 <i>Genentech, Inc.</i>						

<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	Yes	\$7,720	\$1,930	\$9,650	
1/3/05 to 1/2/11 <i>National Institute of Neurological Disorders and Stroke through University of Medicine & Dentistry of New Jersey</i>						

<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.	Surgery, Department of	
Co-I	Burket, Mark	Medicine, Department of	
Co-I	Hafeez, Faizan	Neurology, Department of	
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	
Co-I	Tietjen, Gretchen	Neurology, Department of	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Medicine, Department of

N-101228-01	Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	Yes	\$14,252	\$3,563	\$17,815	\$17,815
<i>3/23/05 to 3/31/14</i>	<i>National Heart, Lung & Blood Institute through Medical University of Ohio at Toledo</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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 Above-the-Knee Femoropopliteal Artery	Yes	\$7,060	\$1,765	\$8,825	\$8,825
<i>9/8/05 to 9/7/12</i>	<i>Cook, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Burket, Mark	Medicine, Department of	100
Co-I	Bashir, Riyaz	Medicine, Department of	
Co-I	Colyer, William R.	Medicine, Department of	

N-101334-01	Effect of Sirolimus on Cyst Regression in Renal Transplant Recipients with Polycystic Kidney Disease	Yes	\$32,000	\$8,000	\$40,000	\$40,000
<i>9/6/06 to 1/31/14</i>	<i>Wyeth Pharmaceuticals</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ratnam, Shobha	Medicine, Department of	100
Co-I	Elsamaloty, Haitham M.	Radiology, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Rees, Michael A.	Urology, Department of	

N-101598-01	PRECISION: Prospective Randomized Evaluation of Celecoxib Integrated Safety vs. Ibuprofen or Naproxen...	Yes	\$36,193	\$9,048	\$45,241	\$45,241
<i>4/6/07 to 1/31/14</i>	<i>Pfizer, Inc. through INC Research, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Medicine, Department of

N-120445-01	An International, Multicenter, Prospective Observational Study of the Safety of Maraviroc Used with Optimized Background Therapy in Treatment Experienced HIV 1 Infected Patients	Yes	\$600	\$150	\$750	\$750																							
8/11/08 to 8/10/14 <i>Pfizer, Inc.</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Duggan, Joan</td> <td>Medicine, Department of</td> <td style="text-align: center;">100</td> </tr> <tr> <td>Co-I</td> <td>Akpanudo, Barbara D.</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Dwyer, Mary F.</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Duggan, Joan	Medicine, Department of	100	Co-I	Akpanudo, Barbara D.	Medicine, Department of		Co-I	Dwyer, Mary F.	Medicine, Department of													
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Duggan, Joan	Medicine, Department of	100																										
Co-I	Akpanudo, Barbara D.	Medicine, Department of																											
Co-I	Dwyer, Mary F.	Medicine, Department of																											
N-120812-01	A Clinical Outcome of Darapladib versus Placebo in Subjects with Chronic Coronary Heart Disease to Compare the Incidence of Major Adverse Cardiovascular Events (MACE)	Yes	\$8,192	\$2,048	\$10,240	\$10,240																							
10/10/08 to 10/17/13 <i>GlaxoSmithKline</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Pandya, Utpal</td> <td>Medicine, Department of</td> <td style="text-align: center;">100</td> </tr> <tr> <td>PI/PD</td> <td>Tinkel, Jodi Lee</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Burket, Mark</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Colyer, William R.</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Cooper, Christopher</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Pandya, Utpal	Medicine, Department of	100	PI/PD	Tinkel, Jodi Lee	Medicine, Department of		Co-I	Burket, Mark	Medicine, Department of		Co-I	Colyer, William R.	Medicine, Department of		Co-I	Cooper, Christopher	Medicine, Department of					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Pandya, Utpal	Medicine, Department of	100																										
PI/PD	Tinkel, Jodi Lee	Medicine, Department of																											
Co-I	Burket, Mark	Medicine, Department of																											
Co-I	Colyer, William R.	Medicine, Department of																											
Co-I	Cooper, Christopher	Medicine, Department of																											
N-120829-01	TECOS: A Randomized, Placebo Controlled Clinical Trial to Evaluate Cardiovascular Outcomes after Treatment with Sitagliptin in Patients with Type 2 Diabetes Mellitus and Inadequate Glycemic Control	Yes	\$15,315	\$3,829	\$19,144	\$19,144																							
1/23/09 to 1/22/14 <i>Merck and Company Inc. through Duke University</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Akpunonu, Basil</td> <td>Medicine, Department of</td> <td style="text-align: center;">100</td> </tr> <tr> <td>Co-I</td> <td>Bittar, Samih</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Hinch, Bryan Thomas</td> <td>Resid Prgm-Medicine</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Akpunonu, Basil	Medicine, Department of	100	Co-I	Bittar, Samih	Medicine, Department of		Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine													
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Akpunonu, Basil	Medicine, Department of	100																										
Co-I	Bittar, Samih	Medicine, Department of																											
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine																											
N-120961-01	Invatec INTENSE Study	Yes	\$100	\$25	\$125	\$125																							
3/13/09 to 3/12/13 <i>Medtronic, Inc.</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Burket, Mark</td> <td>Medicine, Department of</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Burket, Mark	Medicine, Department of	100																				
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PI/PD	Burket, Mark	Medicine, Department of	100																										
N-121475-01	Catheter Ablation Versus Antiarrhythmic Drug Therapy for Atrial Fibrillation Trial (CABANA Trial)	Yes	\$1,240	\$310	\$1,550	\$1,550																							
12/17/09 to 12/16/12 <i>National Heart, Lung & Blood Institute through Duke University</i>																													
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Cummings, Jennifer E.	Medicine, Department of																											
PI/PD	Kanjwal, Mohammed Y.	Medicine, Department of	100																										
Co-I	Khouri, Samer J.	Medicine, Department of																											

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-121503-01	Cordis CYPRESS Trial (P09-6301)	Yes	\$3,720	\$930	\$4,650	\$4,650
11/13/09 to 11/12/13 Cordis Corporation						

Role	Name	Department	% 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	

N-121535-01	A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Peramivir Administer Intravenously in Addition to Standard of Care in Adults and Adolescents Who are Hospitalized Due to Serious Influenza	Yes	\$7,722	\$0	\$7,722	\$7,722
10/30/09 to 10/29/12 BioCryst Pharmaceuticals, Inc.						

Role	Name	Department	% Credit
PI/PD	Hammersley, Jeffrey	Medicine, Department of	100
Co-I	Apostolis, Michael A.	Medicine, Department of	
Co-I	Assaly, Ragheb	Medicine, Department of	
Co-I	Avasthi, Salil	Medicine, Department of	
Co-I	Bauer, Rebecca	Medicine, Department of	
Co-I	Brickman, Kristopher R.	Surgery, Department of	
Co-I	Duggan, Joan	Medicine, Department of	
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of	
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of	
Co-I	Lanka, Kiranmayee	Medicine, Department of	
Co-I	Olson, Dan	Medicine, Department of	
Co-I	Safi, Fadi Alil	Medicine, Department of	
Co-I	Singh, Surender	Medicine, Department of	
Co-I	Willey, James	Medicine, Department of	
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of	

N-121592-01	A Randomized, Multicenter, Double-Blind, Parallel, Placebo-Controlled Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects With Type 2 Diabetes Mellitus (The CANVAS Trial)	Yes	\$31,235	\$7,809	\$39,044	\$39,044
2/24/10 to 1/31/14 Janssen Research & Development, LLC						

Role	Name	Department	% Credit
PI/PD	Akpunonu, Basil	Medicine, Department of	100
Co-I	Bittar, Samih	Medicine, Department of	
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-121691-01	Stabilization of Plaques Using Darapladib - A Clinical Outcomes Study of Darapladib Versus Placebo in Subjects Following Acute Coronary System...	Yes	\$13,520	\$3,380	\$16,900	\$16,900
1/1/10 to 12/31/13 GlaxoSmithKline						
Role	Name	Department	% Credit			
PI/PD	Tinkel, Jodi Lee	Medicine, Department of	100			
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	\$15,122	\$3,024	\$18,146	\$17,057
5/12/10 to 5/11/14 Hoffman LaRoche through Montreal Heart Institute						
Role	Name	Department	% Credit			
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	\$8,555	\$2,310	\$10,865	\$10,648
8/16/10 to 1/31/14 Amylin Pharmaceuticals, Inc. through 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 Surgical Risk Patients; Evaluation Outcomes Through The Collection Of Clinical Evidence ("CHOICE")	Yes	\$2,475	\$0	\$2,475	\$2,475
6/2/10 to 6/1/12 Abbott Vascular Inc						
Role	Name	Department	% Credit			
PI/PD	Burket, Mark	Medicine, Department of	80			
Co-I	Nahas, Ahd 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	\$2,200	\$550	\$2,750	\$1,843
5/14/10 to 5/13/11 United Therapeutics Corporation						
Role	Name	Department	% Credit			
PI/PD	Khoury, 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

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

Role	Name	Department	% Credit
N-122002-01 An Open-Label Extension Safety Trial Of Pregabalin In Subjects With Neuropathicpain Associated With HIV Neuropathy (Pregabalin A0081251)			
11/15/10 to 11/14/11 Pfizer, Inc. through ICON Clinical Research, Inc.			
			\$2,000
			\$2,000
Role	Name	Department	% Credit
PI/PD	Duggan, Joan	Medicine, Department of	100
Co-I	Koffman, Boyd	Neurology, Department of	
N-122011-01 A Multicenter, Randomized, Active-Control, Phase 3B Study to Evaluate the Cardiovascular Safety of Febuxostat and Allopurinol in Subjects with Gout and Cardiovasular Comorbidities			
1/4/11 to 1/3/13 Takeda Pharmaceuticals North America, Inc.			
			\$7,625
			\$7,625
Role	Name	Department	% Credit
PI/PD	Hejeebu, Srin K.	Medicine, Department of	100
Co-I	Federman, Douglas	Medicine, Department of	
Co-I	Williams, Julie A.	Medicine, Department of	
N-122175-01 AngelMed for Early Recognition and Treatment of STEMI (ALERTS) Randomized Trial			
3/11/11 to 3/10/14 Angel Medical Systems, Inc.			
			\$108,765
			\$54,383
Role	Name	Department	% Credit
PI/PD	Schwann, Thomas A.	Surgery, Department of	25
Co-I	Bonnell, Mark	Surgery, Department of	
Co-I	Cooper, Christopher	Medicine, Department of	25
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of	25
Co-I	Omer, Shuab	Surgery, Department of	25
N-122784-01 A Prospective, Multicenter, Single Blind, Randomized, Controlled Trial Comparing the Moxy™ Drug Coated Balloon vs. Standard Balloon Angioplasty for Treatment of Femoropopliteal Arteries			
9/14/11 to 9/13/13 Lutonix Inc			
			\$19,486
			\$19,486
Role	Name	Department	% Credit
PI/PD	Burket, Mark	Medicine, Department of	70
Co-I	Cooper, Christopher	Medicine, Department of	15
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Nahhas, Ahed T.	Medicine, Department of	15
N-122786-01 A Multicenter, Randomized, Double-Blind, Comparative Trial Of Maraviroc + Darunavir/Ritonavir Versus Emtricitabine/Tenofovir + Darunavir/Ritonavir For The Treatment Of Antiretroviral-Naïve HIV-Infected Patients With Ccr5-Tropic HIV-1			
12/1/11 to 11/30/13 Pfizer, Inc.			
			\$32,769
			\$32,769
Role	Name	Department	% Credit
PI/PD	Duggan, Joan	Medicine, Department of	100
Co-I	Akpanudo, Barbara D.	Medicine, Department of	
Co-I	Dwyer, Mary F.	Medicine, Department of	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Medicine, Department of

N-122787-01	The Treatment of Iliac and Femoral Atherosclerotic Lesions Using the Self-expanding Astron and Astron Pulsar Stents	Yes	\$42,760	\$11,545	\$54,305	\$54,305
9/3/11 to 9/2/13 <i>Biotronik, Inc.</i>						

Role	Name	Department	% Credit
PI/PD	Burket, Mark	Medicine, Department of	100
Co-I	Cooper, Christopher	Medicine, Department of	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Nahhas, Ahed T.	Medicine, Department of	

N-122791-01	A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/ Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or an increased risk for cardiovascular disease	Yes	\$5,879	\$1,587	\$7,466	\$7,018
2/18/12 to 2/17/13 <i>GlaxoSmithKline through Parexel International Corporation</i>						

Role	Name	Department	% Credit
PI/PD	Hammersley, Jeffrey	Medicine, Department of	89
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine	1
Co-I	Assaly, Ragheb	Medicine, Department of	1
Co-I	Avasthi, Salil	Resid Prgm-Medicine	1
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of	1
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine	1
Co-I	Lanka, Kiranmayee	Resid Prgm-Medicine	1
Co-I	Olson, Dan	Medicine, Department of	1
Co-I	Safi, Fadi Alil	Resid Prgm-Medicine	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-123060-01	Breviblock Observational Registry	Yes	\$1,575	\$425	\$2,000	\$1,920
11/17/11 to 11/16/12 <i>Baxter Healthcare Corporation</i>						

Role	Name	Department	% Credit
PI/PD	Hammersley, Jeffrey	Medicine, Department of	89
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine	1
Co-I	Assaly, Ragheb	Medicine, Department of	1
Co-I	Avasthi, Salil	Resid Prgm-Medicine	1
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of	1
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine	1
Co-I	Lanka, Kiranmayee	Medicine, Department of	1
Co-I	Olson, Dan	Medicine, Department of	1
Co-I	Safi, Fadi Alil	Medicine, Department of	1
Co-I	Singh, Surender	Resid Prgm-Medicine	1
Co-I	Willey, James	Medicine, Department of	1
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of	1

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-#	Title	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit												
N-123062-01	A Randomized, Double-Blind, Placebo Controlled, Parallel Group, Multinational Trial, to Assess the Prevention of Thrombotic Events with Ticagrelor Compared to Placebo on a Background of Acetyl Salicylic Acid(ASA) Therapy in Patients with History of ... <i>1/24/12 to 1/23/13 AstraZeneca, L.P.</i>	Yes	\$2,751	\$743	\$3,494	\$3,494												
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Role	Name	Department	% Credit															
PI/PD	Tinkel, Jodi Lee	Medicine, Department of	75															
Co-I	Colyer, William R.	Medicine, Department of	25															
N-123128-01	Fellowship Interventional Cardiology <i>7/1/12 to 6/30/13 Abbott</i>	No	\$31,725	\$3,173	\$34,898	\$34,898												
	<table border="1"> <thead> <tr> <th>Role</th> <th>Name</th> <th>Department</th> <th>% Credit</th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Colyer, William R.</td> <td>Medicine, Department of</td> <td>100</td> </tr> </tbody> </table>	Role	Name	Department	% Credit	PI/PD	Colyer, William R.	Medicine, Department of	100									
Role	Name	Department	% Credit															
PI/PD	Colyer, William R.	Medicine, Department of	100															
N-123139-01	A Phase 3 Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effects of Once Daily Oral Doses of 75 mg Azimilide Dihydrochloride on the Incidence of Cardiovascular <i>3/9/12 to 3/8/13 Forest Laboratories, Inc.</i>	Yes	\$6,201	\$1,674	\$7,875	\$7,875												
	<table border="1"> <thead> <tr> <th>Role</th> <th>Name</th> <th>Department</th> <th>% Credit</th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Cummings, Jennifer E.</td> <td>Medicine, Department of</td> <td>100</td> </tr> <tr> <td>Co-I</td> <td>Grubb, Blair</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	Role	Name	Department	% Credit	PI/PD	Cummings, Jennifer E.	Medicine, Department of	100	Co-I	Grubb, Blair	Medicine, Department of						
Role	Name	Department	% Credit															
PI/PD	Cummings, Jennifer E.	Medicine, Department of	100															
Co-I	Grubb, Blair	Medicine, Department of																
N-123141-01	A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 52-Week Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006) Administered Subcutaneously (SC) to Subjects with Systemic Lupus Erythematosus (SLE) <i>3/23/12 to 3/22/14 Human Genome Sciences</i>	Yes	\$20,108	\$5,429	\$25,537	\$25,537												
	<table border="1"> <thead> <tr> <th>Role</th> <th>Name</th> <th>Department</th> <th>% Credit</th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Kahaleh, M Bashar</td> <td>Medicine, Department of</td> <td>100</td> </tr> <tr> <td>Co-I</td> <td>Vetteth, Sandeep</td> <td>Resid Prgm-Medicine</td> <td></td> </tr> </tbody> </table>	Role	Name	Department	% Credit	PI/PD	Kahaleh, M Bashar	Medicine, Department of	100	Co-I	Vetteth, Sandeep	Resid Prgm-Medicine						
Role	Name	Department	% Credit															
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100															
Co-I	Vetteth, Sandeep	Resid Prgm-Medicine																
N-123144-01	Prospective, randomized, placebo-controlled, double-blind, multicenter, parallel group study to assess the efficacy, safety and tolerability of macitentan in patients with ischemic digital ulcers associated with systemic sclerosis <i>2/28/12 to 2/27/14 Actelion Clinical Operations, Inc.</i>	Yes	\$13,407	\$3,620	\$17,027	\$17,027												
	<table border="1"> <thead> <tr> <th>Role</th> <th>Name</th> <th>Department</th> <th>% Credit</th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Kahaleh, M Bashar</td> <td>Medicine, Department of</td> <td>100</td> </tr> </tbody> </table>	Role	Name	Department	% Credit	PI/PD	Kahaleh, M Bashar	Medicine, Department of	100									
Role	Name	Department	% Credit															
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100															

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-#	Title	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
N-123157-01	A Phase 2b Randomized, Double-Blind, Double-Dummy Trial of 100 or 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... <i>Tobira Therapeutics, Inc through Quintiles, Inc.</i>	Yes	\$669	\$181	\$850	\$850
2/7/12 to 5/7/12						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Duggan, Joan	Medicine, Department of		100	
	Co-I	Akpanudo, Barbara D.	Medicine, Department of			
	Co-I	Dwyer, Mary F.	Medicine, Department of			
N-123158-01	An Evaluation of the Burden of Illness Among Adults in the United States with Peripheral and Central Neuropathic Pain <i>Pfizer, Inc.</i>	Yes	\$2,126	\$574	\$2,700	\$2,700
3/13/12 to 3/12/13						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Duggan, Joan	Medicine, Department of		100	
N-123246-01	The Role of Endothelin-I in patients with Heart Failure and pulmonary venous hypertension <i>Gilead Sciences, Inc.</i>	Yes	\$47,953	\$12,947	\$60,900	\$48,720
12/20/11 to 12/19/12						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Khouri, Samer J.	Medicine, Department of		50	
	Co-I	Burket, Mark	Medicine, Department of		10	
	Co-I	Cooper, Christopher	Medicine, Department of		10	
	Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine		10	
	Co-I	Moukarbel, George Victor	Medicine, Department of		10	
	Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine		10	
N-123299-01	A Phase 2, Proof-Of-Concept, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability, Pharmacokinetics, Pharmacodynamics and Efficacy of Pomalidomide (CC-4047) in Subjects with Diffuse Cutaneous Systemic Sclerosis with Interstitial Lung Disease <i>Celgene Corporation</i>	Yes	\$5,315	\$1,435	\$6,750	\$6,750
3/22/12 to 3/21/14						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Kahaleh, M Bashar	Medicine, Department of		100	
N-123335-01	Decreasing Hospitalization of Home Care Patients through a Web-based Caregiver Intervention <i>Center for Community Based Care</i>	No	\$998	\$0	\$998	\$499
7/1/12 to 11/1/13						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Steiner, Victoria	Medicine, Department of		50	
	Co-I	Pierce, Linda	Nursing, College of		50	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-123415-01	A Phase 11/111, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of Tocilizumab Versus Placebo in Patients With Systemic Sclerosis	Yes	\$3,750	\$0	\$3,750	\$3,750																							
6/7/12 to 6/6/14 <i>Genentech, Inc.</i>																													
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100																										
Co-I	Vetteth, Sandeep	Resid Prgm-Medicine																											
N-123436-01	Levant 2, phase 2 Continued Access Registry	Yes	\$571	\$154	\$725	\$652																							
5/11/12 to 5/10/14 <i>Lutonix Inc</i>																													
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Burket, Mark	Medicine, Department of	70																										
Co-I	Cooper, Christopher	Medicine, Department of	10																										
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10																										
Co-I	Moukarbel, George Victor	Medicine, Department of	5																										
Co-I	Nahas, Ahd T.	Medicine, Department of	5																										
N-123502-01	A Randomized, Double-blind, Placebo-controlled, Phase 3 Study to Evaluate the Efficacy, Safety, and Tolerability of JNJ-27018966 in the Treatment of Patients With Diarrhea Predominant Irritable Bowel Syndrome	No	\$47,244	\$12,756	\$60,000	\$60,000																							
7/12/12 to 7/11/13 <i>PPD Development, LLC</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Hejeebu, Sridi K.</td> <td>Medicine, Department of</td> <td style="text-align: center;">75</td> </tr> <tr> <td>Co-I</td> <td>Bawany, Muhammad Z.</td> <td>Medicine, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Federman, Douglas</td> <td>Medicine, Department of</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Co-I</td> <td>Iwuagwu, Cletus U.</td> <td>Medicine, Department of</td> <td style="text-align: center;">5</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Hejeebu, Sridi K.	Medicine, Department of	75	Co-I	Bawany, Muhammad Z.	Medicine, Department of		Co-I	Federman, Douglas	Medicine, Department of	20	Co-I	Iwuagwu, Cletus U.	Medicine, Department of	5								
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Hejeebu, Sridi K.	Medicine, Department of	75																										
Co-I	Bawany, Muhammad Z.	Medicine, Department of																											
Co-I	Federman, Douglas	Medicine, Department of	20																										
Co-I	Iwuagwu, Cletus U.	Medicine, Department of	5																										
N-123524-01	Artisan: iCAST RX De Novo Stent Placement for the Treatment Of Atherosclerotic Renal Artery Stenosis in Subjects with Resistant Hypertension	Yes	\$2,308	\$692	\$3,000	\$2,550																							
10/12/12 to 10/11/13 <i>Prairie Education & Research Cooperative/St. John's Hospital</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Burket, Mark</td> <td>Medicine, Department of</td> <td style="text-align: center;">70</td> </tr> <tr> <td>Co-I</td> <td>Cooper, Christopher</td> <td>Medicine, Department of</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Co-I</td> <td>Eltahawy, Ehab A.</td> <td>Resid Prgm-Medicine</td> <td style="text-align: center;">15</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Burket, Mark	Medicine, Department of	70	Co-I	Cooper, Christopher	Medicine, Department of	15	Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	15												
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Burket, Mark	Medicine, Department of	70																										
Co-I	Cooper, Christopher	Medicine, Department of	15																										
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	15																										
N-123563-01	The Effects of Pomalidomide, CC-220 and CC-122 on Scleroderma Vascular and Fibrotic Disorders	Yes	\$75,913	\$20,496	\$96,409	\$96,409																							
9/17/12 to 9/16/13 <i>Celgene Corporation</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"><u>Role</u></th> <th style="width: 30%;"><u>Name</u></th> <th style="width: 40%;"><u>Department</u></th> <th style="width: 20%;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Kahaleh, M Bashar</td> <td>Medicine, Department of</td> <td style="text-align: center;">100</td> </tr> <tr> <td>Co-I</td> <td>Wang, Yongqing</td> <td>Medicine, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Kahaleh, M Bashar	Medicine, Department of	100	Co-I	Wang, Yongqing	Medicine, Department of																	
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100																										
Co-I	Wang, Yongqing	Medicine, Department of																											

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-123577-01	PMT Thrombectomy Device	No	\$50,000	\$0	\$50,000	\$10,000
1/28/13 to 4/30/14 Ohio Development Services Agency						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Snider, Stephen J.	Technology Corridor	0			
Co-I	Cooper, Christopher	Medicine, Department of	20			
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	80			
N-123646-01	Phase 3, Multicenter, randomized, double-blind, placebo-controlled trial to evaluate the efficacy and safety of ularitide (urodilatin) intravenous infusion in patients suffering from acute decompensated heart failure (true-ahf).	Yes	\$4,462	\$1,338	\$5,800	\$5,800
11/19/12 to 11/18/13 Quintiles, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	100			
Co-I	Brickman, Kristopher R.	Surgery, Department of				
Co-I	Burket, Mark	Medicine, Department of				
Co-I	Colyer, William R.	Medicine, Department of				
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine				
Co-I	Grubb, Blair	Medicine, Department of				
Co-I	Moukarbel, George Victor	Medicine, Department of				
N-123776-01	Cellular Mechanisms of Retrovirus Induced Breast Milk Transmitted Lymphoma Development	No	\$25,000	\$0	\$25,000	
1/1/13 to 12/31/13 F.M. Douglass Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chakraborty, Joana	Phys Pharm Met/Cardio Science, Department of	100			
Co-I	Duggan, Joan	Medicine, Department of				
N-123781-01	Cost-effectiveness of Iliac Stenting Procedures	No	\$11,810	\$3,189	\$14,999	
12/28/12 to 12/27/13 Atrium Medical						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Eltahawy, Ehab A.	Resid Prgm-Medicine	100			
Co-I	Khuder, Sadik	Medicine, Department of				
N-123876-01	A 24 month, single center, pilot, open label, randomized, controlled trial to evaluate the efficacy and safety of calcineurin-inhibitor elimination or reduction [...]Everolimus®/IMyfortic® versus Reduced Dose tacrolimus®/Everolimus® in adult renal transplant recipients ...	Yes	\$90,662	\$0	\$90,662	\$36,265
2/15/13 to 2/14/14 Novartis						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rees, Michael A.	Urology, Department of	60			
Co-PI	Kaw, Dinkar	Medicine, Department of	30			
Co-I	Malhotra, Deepak K.	Medicine, Department of	10			

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Medicine, Department of

N-123956-01	Zilver PTX Drug Eluting Stent Compared to Bare Metal Stent in Superficial Femoral Artery Intervention: The Cost Effectiveness of each Procedure in the Long Term FollowUp	No	\$11,811	\$3,189	\$15,000	\$15,000																			
<i>2/28/13 to 2/27/14 Cook, Inc.</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Burket, Mark</td> <td>Medicine, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Taleb, Mohammed M.</td> <td>Resid Prgm-Pathology</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Burket, Mark	Medicine, Department of	100	Co-I	Taleb, Mohammed M.	Resid Prgm-Pathology													
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Burket, Mark	Medicine, Department of	100																						
Co-I	Taleb, Mohammed M.	Resid Prgm-Pathology																							
N-123963-01	MORe-CARE	No	\$10,000	\$0	\$10,000	\$2,500																			
<i>3/1/13 to 2/28/14 Health Resources & Services Administration through Visiting Nurse Association of Mid-Ohio</i>																									
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Gokula, R.R.Murthy	Family Medicine, Department of	25																						
Co-I	Brickman, Kristopher R.	Surgery, Department of	25																						
Co-I	Gaspar, Phyllis M.	Family Medicine, Department of	25																						
Co-I	Khuder, Sadik	Medicine, Department of	25																						
N-123983-01	Na/K-ATPase/Src receptor as a target for novel therapeutics in systemic sclerosis	No	\$25,000	\$0	\$25,000	\$15,000																			
<i>4/1/13 to 3/30/14 University of Toledo Foundation</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Li, Zhichuan</td> <td>Medicine, Department of</td> <td style="text-align: right;">60</td> </tr> <tr> <td>Co-I</td> <td>Xie, Zi-Jian</td> <td>Phys Pharm Met/Cardio Science, Department of</td> <td style="text-align: right;">40</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Li, Zhichuan	Medicine, Department of	60	Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	40												
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Li, Zhichuan	Medicine, Department of	60																						
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	40																						
R-100043-13	Ryan White HIV/AIDS Program Part D Grants for Coordinated HIV Services and Access to Research for Women, Infants, Children, and Youth (WICY)	No	\$453,931	\$10,863	\$464,794	\$464,794																			
<i>8/1/12 to 7/31/13 U.S. Department of Health and Human Services</i>																									
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PI/PD	Duggan, Joan	Medicine, Department of	100																						
R-101303-08	Healthy Relationships through Existing Support Groups	No	\$23,050	\$0	\$23,050	\$23,050																			
<i>1/1/13 to 12/31/14 Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District</i>																									
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Duggan, Joan	Medicine, Department of	100																						
R-101307-08	Options	No	\$16,250	\$0	\$16,250	\$16,250																			
<i>1/1/13 to 12/31/14 Centers for Disease Control and Prevention & Ohio Department of Health through Lucas County Regional Health District</i>																									
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Duggan, Joan</td> <td>Medicine, Department of</td> <td style="text-align: right;">100</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Duggan, Joan	Medicine, Department of	100																
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																						
PI/PD	Duggan, Joan	Medicine, Department of	100																						
Sum of Department (Medicine, Department of)					Award Count: 53.49	\$6,066,128																			

Neurology, Department of

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Neurology, Department of

C-011251-09	Parkinson's Disease Collaborative Study of Genetic Linkage, 'PROGENI'	Yes	\$8,000	\$2,000	\$10,000	\$10,000
<i>2/1/07 to 1/31/08 National Institute of Neurological Disorders and Stroke through University of Rochester</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
C-011251-10	Parkinson's Disease Collaborative Study of Genetic Linkage, 'PROGENI'	Yes	\$8,000	\$2,000	\$10,000	\$10,000
<i>2/1/08 to 11/30/09 National Institute of Neurological Disorders and Stroke through University of Rochester</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
C-101408-06	Insulin Resistance Intervention after Stroke (IRIS) Trial	Yes	\$9,483	\$2,371	\$11,854	\$11,854
<i>9/15/09 to 8/31/10 National Institute of Neurological Disorders and Stroke through Yale University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tietjen, Gretchen	Neurology, Department of	100			
C-101408-08	Insulin Resistance Intervention after Stroke (IRIS) Trial	Yes	\$9,483	\$2,371	\$11,854	\$11,854
<i>9/1/11 to 8/31/12 National Institute of Neurological Disorders and Stroke through Yale University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Tietjen, Gretchen	Neurology, Department of	100			
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)	Yes	\$30	\$8	\$38	\$38
<i>7/18/03 to 5/19/11 NMT Medical, Inc.</i>						
<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-100994-01	A Multi-Center, Double-Blind, Randomized Study Comparing the Combined Use of Interferon Beta-1a and Glatiramer Acetate to Either Agent Alone in Patients with Relapsing Remitting Multiple Sclerosis (CombiRx-Phase III)	Yes	\$14,741	\$3,685	\$18,426	\$18,426
<i>8/1/04 to 11/30/13 National Institute of Neurological Disorders and Stroke through Mount Sinai School of Medicine - New York City</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Koffman, Boyd	Neurology, Department of	100			
Co-I	Pirzada, Noor	Neurology, Department of				

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-101088-01	Carotid Revascularization Endarterectomy vs. Stenting	Yes	\$7,720	\$1,930	\$9,650
1/3/05 to 1/2/11	National Institute of Neurological Disorders and Stroke through University of Medicine & Dentistry of New Jersey				

Role	Name	Department	% Credit
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100
Co-I	Abbas, Jihad T.	Surgery, Department of	
Co-I	Burket, Mark	Medicine, Department of	
Co-I	Hafeez, Faizan	Neurology, Department of	
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	
Co-I	Tietjen, Gretchen	Neurology, Department of	

N-101323-01	The Impact of Switching to Continuous Release Dopamine Agonists on Non-motor Side Effects	Yes	\$1,715	\$429	\$2,144	\$2,144
10/24/05 to 10/23/12	GlaxoSmithKline					

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

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	\$1,016	\$254	\$1,270	\$1,270
4/11/06 to 4/10/13	GlaxoSmithKline through Quintiles, Inc.					

Role	Name	Department	% Credit
PI/PD	Ali, Imran	Neurology, Department of	100
Co-I	Greenfield, Lazar John	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	\$8,103	\$2,026	\$10,129	\$10,129
7/18/07 to 7/17/13	Schwarz Biosciences, Inc.					

Role	Name	Department	% Credit
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	\$3,863	\$966	\$4,828	\$4,828
7/18/07 to 7/17/14	Schwarz Biosciences, Inc.					

Role	Name	Department	% Credit
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

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

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	\$80	\$20	\$100	\$100
7/24/07 to 7/23/12 Schwarz Biosciences, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
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	\$6,905	\$1,726	\$8,631	\$8,631
12/5/08 to 12/4/14 Eisai Medical Research Inc. through PPD Development, LLC						
<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	\$13,409	\$3,352	\$16,761	\$16,761
10/1/08 to 9/30/13 Acadia Pharmaceuticals, Inc.						
<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	\$3,674	\$919	\$4,593	\$4,593
7/20/09 to 5/31/14 Teva Neuroscience, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
N-121712-01	Efficacy and Safety of Eslicarbazepine Acetate (BIA 2-093) as Adjunctive Therapy for Refractory Partial Seizures...	Yes	\$8,473	\$0	\$8,473	\$8,473
3/10/10 to 3/9/14 Sepracor						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Ali, Imran	Neurology, Department of	100			
Co-I	Li, Hongyan	Resid Prgm-Neurosciences				
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of				
N-122000-01	A Multi-Center, Double-Blind, Randomized, Parallel-Group, Placebo Controlled Study to Assess the Clinical Effect of Droxidopa in the Treatment of Symptomatic Neurogenic Orthostatic Hypotension in Patients with Parkinson's Disease	Yes	\$16,730	\$4,182	\$20,912	\$20,912
5/14/10 to 5/13/13 Chelsea Therapeutics Inc through PPD Development, LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Elmer, Lawrence	Neurology, Department of	100			
Co-I	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences				

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-122002-01	An Open-Label Extension Safety Trial Of Pregabalin In Subjects With Neuropathicpain Associated With HIV Neuropathy (Pregabalin A0081251)	Yes	\$1,575	\$425	\$2,000	
11/15/10 to 11/14/11 Pfizer, Inc. through ICON Clinical Research, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Duggan, Joan	Medicine, Department of		100		
Co-I	Koffman, Boyd	Neurology, Department of				
N-122032-01	A Multicenter, Placebo-Controlled, Double-Blind Trial to Examine the Safety and Efficacy of Pimavanserin in the Treatment of Psychosis in Parkinson's Disease	Yes	\$11,872	\$3,205	\$15,078	\$15,078
7/15/10 to 4/15/13 Acadia Pharmaceuticals, Inc.						
<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				
Co-I	Spears, Julia L.	Neurology, Department of				
Co-I	Wilson, Stephanie	Neurology, Department of				
N-122093-01	A Phase 3, Double-Blind, Placebo- and Active-Controlled Dose-Range-Finding Efficacy and Safety Study of Preladenant in Subjects with Early Parkinson's Disease	Yes	\$47,401	\$12,798	\$60,199	\$60,199
1/12/11 to 1/11/14 Schering Plough Research Institute						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of		100		
Co-I	Menezes, Krishe	Neurology, Department of				
Co-I	Scott, Mary E.	Neurology, Department of				
N-122176-01	A Multi-Center, Open-Label Study To Assess The Long-Term Safety Of Droxidopa In Subjects With Primary Autonomic Failure, Dopamine Beta Hydroxylase Deficiency Or Non-Diabetic Neuropathy And Symptomatic Neurogenic Orthostatic Hypotension	Yes	\$10,276	\$2,774	\$13,050	\$13,050
12/8/10 to 7/7/14 Chelsea Therapeutics Inc						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of		100		
Co-I	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences				
N-122177-01	Phase 3 Study in Progressive Multiple Sclerosis	Yes	\$1,443	\$390	\$1,833	\$1,283
10/25/11 to 10/24/13 AB Science						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Koffman, Boyd	Neurology, Department of		30		
Co-I	Cole, Kimberly A.	Neurology, Department of		20		
Co-I	Korsnack, Andrea	Neurology, Department of		20		
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences		30		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-122200-01	Randomised, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of desmoteplase in acute ischemic stroke	Yes	\$591	\$159	\$750	\$750
3/31/11 to 3/30/14	Lundbeck Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Tietjen, Gretchen	Neurology, Department of		100		
Co-I	Li, Hongyan	Resid Prgm-Neurosciences				
N-122252-01	A Randomized, Double-blind, Placebo-controlled, Multicenter, Parallel-group Study to Evaluate the Efficacy and Safety of Brivaracetam in Subjects (greater than or equal to 16 to 80 years old) with Partial Onset Seizures (Phase III) (Protocol No.: N01358)	Yes	\$2,946	\$795	\$3,741	\$3,180
3/16/11 to 3/15/14	UCB Biosciences					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ali, Imran	Neurology, Department of		55		
Co-I	Cole, Kimberly A.	Neurology, Department of		15		
Co-I	Li, Hongyan	Resid Prgm-Neurosciences		15		
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of		15		
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 Years Or Older With Partial Onset Seizures	Yes	\$15,798	\$4,265	\$20,064	\$10,032
3/25/11 to 3/24/14	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-122664-01	A doubleblind, randomized, placebo-controlled study of the safety and efficacy of SYN115 as adjunctive therapy in levodopa-treated Parkinson's subjects with end of dose wearing off	Yes	\$36,757	\$9,924	\$46,681	\$46,681
4/21/11 to 3/22/13	Biotie Therapies Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of		70		
Co-I	Menezes, Krishe	Neurology, Department of		30		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-122744-01	A Multi-Center Double-Blind Parallel-Group Placebo-Controlled Study Of The Efficacy And Safety Of Teriflunomide In Patients With Relapsing Multiple Sclerosis Who Are Treated With Interferon-Beta	Yes	\$13,432	\$3,627	\$17,059	\$11,941
5/2/11 to 5/1/14	Sanofi-Aventis U.S., Inc.					

Role	Name	Department	% Credit
PI/PD	Koffman, Boyd	Neurology, Department of	30
Co-I	Cole, Kimberly A.	Neurology, Department of	20
Co-I	Elsamaloty, Haitham M.	Radiology, Department of	30
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	20

N-122762-01	A long term, multicenter, non-interventional, observational study monitoring long-term safety and effectiveness of Gilenya® 0.5 mg (fingolimod 0.5 mg) in patients with multiple sclerosis who have participated in the fingolimod clinical development program	Yes	\$89	\$24	\$113	\$113
12/15/10 to 3/31/13	Novartis					

Role	Name	Department	% Credit
PI/PD	Koffman, Boyd	Neurology, Department of	95
Co-I	Korsnack, Andrea	Neurology, Department of	5

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	\$787	\$213	\$1,000	\$400
2/16/12 to 3/22/14	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 Placebo-Controlled Trial to Evaluate the Efficacy and Safety of YKP3089 in Subjects with Treatment Resistant Partial Onset Seizures	Yes	\$14,728	\$3,977	\$18,705	\$14,964
1/5/12 to 3/22/14	SK Life Science, Inc.					

Role	Name	Department	% Credit
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

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-122780-01	A Randomized, Multicenter, Double Blind, Placebo-Controlled, Parallel-Group, Phase 3 Study to Evaluate the Efficacy and Safety of USL255 as Adjunctive Therapy in Patients with Refractory Partial-Onset Seizures.	Yes	\$5,807	\$1,568	\$7,375	\$2,950
10/6/11 to 10/5/12	PPD Development, LLC					

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-122781-01	Open-Label Extension Study to Evaluate the Safety of USL255 as Adjunctive Therapy in Patients with Refractory Partial-Onset Seizures who had Participated in P09-004, a Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 ...	Yes	\$591	\$159	\$750	\$300
10/6/11 to 10/5/12	PPD Development, LLC					

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-122949-01	A Multicenter, Open-Label, Four-Arm, Randomized Trial Evaluating The Safety And Tolerability Of Brivaracetam Intravenous Infusion And Bolus, Administered In Bid Regimen As An Adjunctive Antiepileptic Treatment In Subjects From 16 To 70 Years Suffering From Epilepsy	Yes	\$3,740	\$1,010	\$4,750	\$1,900
10/17/11 to 10/16/12	UCB Biosciences					

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-122982-01	Chemotherapeutic Regulation of Autoimmunity Without Overt Cytotoxicity	No	\$63,095	\$6,310	\$69,405	
7/1/12 to 6/30/13	American Heart Association - Great Rivers Affiliate					

Role	Name	Department	% Credit
PI/PD	Quinn, Anthony	Biological Sciences, Department of	100
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of	
Co-I	Hacker, Estate of Dr. Miles P.	Pharmacology, Department of	
Co-I	Koffman, Boyd	Neurology, Department of	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Neurology, Department of

N-123143-01	Extended Release Amantadine Safety and Efficacy Study in Levodopa-Induced Dyskinesia (EASED Study)	Yes	\$10,664	\$2,879	\$13,543	\$13,543
3/14/12 to 3/13/14	Adamas Pharmaceuticals					
<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	\$12,369	\$3,340	\$15,708	\$15,708
3/12/12 to 3/11/14	Sunovion Pharmaceuticals					
<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				
N-123248-01	Long-Term Eslicarbazepine Acetate Extension Study	Yes	\$6,996	\$1,889	\$8,885	\$8,885
3/12/12 to 3/11/13	Sunovion Pharmaceuticals					
<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				
N-123251-01	ROTIGOTINE - SP1055 Study	No	\$42,870	\$11,575	\$54,445	\$54,445
10/10/11 to 5/31/14	UCB Biosciences					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Elmer, Lawrence	Neurology, Department of		100		
Co-I	Youssef, Wael I.	Neurology, Department of				
N-123684-01	A single arm, open-label, multicenter study evaluating the long-term safety, tolerability and efficacy of 0.5 mg fingolimod (FTY720) administered orally once daily in patients with multiple sclerosis	Yes	\$846	\$254	\$1,100	\$1,100
8/12/12 to 8/11/14	Novartis					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Koffman, Boyd	Neurology, Department of		50		
Co-I	Menezes, Krishe	Neurology, Department of		50		
N-123766-01	A 12-month, randomized, rater- and dose-blinded study to compare the efficacy and safety of fingolimod 0.25 mg and 0.5 mg administered orally once daily with glatiramer acetate 20 mg administered subcutaneously once daily in patients with relapsing-remitting multiple sclerosis	Yes	\$846	\$254	\$1,100	\$1,100
3/1/12 to 2/28/14	Novartis					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Koffman, Boyd	Neurology, Department of		50		
Co-I	Menezes, Krishe	Neurology, Department of		50		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Sum of Department (Neurology, Department of) Award Count: 33.15 \$417,617

Neurosciences, Department of

C-120600-22	Methamphetamine Toxicity and Corticostriatal Glutamate	No	\$193,943	\$90,529	\$284,472	\$284,472
5/1/13 to 4/30/14	National Institute on Drug Abuse					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Yamamoto, Bryan K.	Neurosciences, Department of		100		
C-120840-04	Mechanisms Controlling the Function and Development of Neuronal Nicotinic Synapses	No	\$100,134	\$49,867	\$150,001	\$150,001
3/1/13 to 2/28/14	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Margiotta, Joseph	Neurosciences, Department of		100		
C-122154-03	The Role of GLT1 in the Modulation of Alcohol-Drinking Behavior in P Rats	No	\$146,475	\$72,944	\$219,419	\$21,942
5/1/13 to 4/30/14	National Institute on Alcohol Abuse and Alcoholism					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sari, Youssef	Pharmacology, Department of		90		
Co-I	Yamamoto, Bryan K.	Neurosciences, Department of		10		
C-122851-02	Mechanism of transport of secretory vesicles in regulated secretory pathway	No	\$125,000	\$10,000	\$135,000	\$135,000
9/1/12 to 2/28/14	National Institute of Child Health & Human Development					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Park, Joshua Jin-Hyouk	Neurosciences, Department of		100		
N-122910-01-A1	Longitudinal MRI study of PTSD development from days to weeks after trauma	No	\$156,558	\$77,966	\$234,524	\$11,726
4/1/13 to 3/31/14	National Institutes of Health					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Wang, Xin	Psychiatry, Department of		50		
Co-I	Brickman, Kristopher R.	Surgery, Department of		5		
Co-I	Dennis, Michael	Radiology, Department of		0		
Co-I	Elhai, Jon D.	Psychology, Department of		0		
Co-I	Smirnoff-Poling, Jennifer Boyd	Psychiatry, Department of				
Co-I	Tamburrino, Marijo	Psychiatry, Department of		40		
Co-I	Xie, Hong	Neurosciences, Department of		5		
N-123520-01	Plastinated Anatomical Specimen Lease	No	\$82,500	\$0	\$82,500	\$82,500
8/31/12 to 8/31/14	James Madison University					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Baptista, Carlos	Neurosciences, Department of		100		
N-123626-01	Plastination Service for Adrian College 34,900 T	No	\$34,900	\$0	\$34,900	\$34,900
4/1/12 to 7/31/14	Adrian College					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Baptista, Carlos	Neurosciences, Department of		100		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Neurosciences, Department of

N-123627-01	Plastination Service for Eastern Washington University	No	\$6,000	\$0	\$6,000	\$6,000
12/20/12 to 12/19/13 Eastern Washington University						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Baptista, Carlos	Neurosciences, Department of	100			
N-123628-01	Plastination Service for Keck School of Medicine of USC	No	\$2,400	\$0	\$2,400	\$2,400
1/16/13 to 1/15/23 University of Southern California						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Baptista, Carlos	Neurosciences, Department of	100			
R-120600-21	Methamphetamine Toxicity and Corticostriatal Glutamate	No	\$222,485	\$110,797	\$333,282	\$333,282
7/1/12 to 4/30/13 National Institute on Drug Abuse						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yamamoto, Bryan K.	Neurosciences, Department of	100			
Sum of Department (Neurosciences, Department of)					Award Count: 8.15	\$1,062,223

Obstetrics & Gynecology, Department of

N-121706-01	Precision Therapeutics PT-301	Yes	\$750	\$0	\$750	\$750
2/16/10 to 2/15/13 Precision Therapeutics Inc						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Manahan, Kelly J.	Obstetrics & Gynecology, Department of	100			
Co-I	Geisler, John Patrick	Obstetrics & Gynecology, Department of				
N-121942-01	A Randomized, Double-Blind, Placebo Controlled, Multi-Center, Phase II Study of Adding AMG 479, a Fully Human Monoclonal Antibody Against Insulin-Like Growth Factor Type 1 Receptor (IGF-1R) to First Line Chemotherapy in Patients With Optimally Debulked (< 1 Cm) Epithelial Ovarian Cancer	Yes	\$600	\$150	\$750	\$750
7/22/10 to 7/21/12 Cancer International Research Group through Amgen, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Geisler, John Patrick	Obstetrics & Gynecology, Department of	100			
Co-I	Manahan, Kelly J.	Obstetrics & Gynecology, Department of				
N-123232-01	A Phase II Randomized Open Label Study of MM-121 in combination PROTOCOL TITLE: with Paclitaxel Versus Paclitaxel Alone in patients with Platinum Resistant Refractory Advanced Ovarian Cancers	Yes	\$35,535	\$9,594	\$45,130	\$45,130
2/28/12 to 2/27/13 Quintiles, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Geisler, John Patrick	Obstetrics & Gynecology, Department of	100			
Co-I	Betts-Cobau, Teresa	Obstetrics & Gynecology, Department of				
Co-I	Manahan, Kelly J.	Obstetrics & Gynecology, Department of				
Sum of Department (Obstetrics & Gynecology, Department					Award Count: 3.00	\$46,630

Orthopaedic Surgery, Department of

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Orthopaedic Surgery, Department of

N-123751-01	I-Corps: Injectable Bone Graft Substitute Materials	No	\$45,000	\$5,000	\$50,000	\$50,000
<i>1/15/13 to 5/31/14</i>	<i>National Science Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Jayasuriya, Ambalangodage	Orthopaedic Surgery, Department of		100		
Co-I	Mantripragada, Venkata Prasann	Bioengineering, Department of				
Sum of Department (Orthopaedic Surgery, Department of)					Award Count: 1.00	\$50,000

Pathology, Department of

C-122752-02	Targeting CRMP2 to Treat Motor Neuron Disease	No	\$98,971	\$9,897	\$108,868	\$108,868
<i>2/1/13 to 1/31/14</i>	<i>Muscular Dystrophy Association - National</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hensley, Kenneth	Pathology, Department of		100		
N-123511-01	Targeting CRMP2 for treatment of MS	No	\$13,966	\$0	\$13,966	\$13,966
<i>10/1/12 to 10/31/13</i>	<i>National Multiple Sclerosis Society through University of Illinois at Chicago</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hensley, Kenneth	Pathology, Department of		100		
N-123658-01	Mass Spectrometry Studies of Lipid Oxidation in Commercial Products	No	\$30,000	\$0	\$30,000	\$15,000
<i>8/23/12 to 12/14/13</i>	<i>Mars, Incorporated</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hensley, Kenneth	Pathology, Department of		50		
Co-I	Isailovic, Dragan	Chemistry, Department of		50		
R-101102-05-A1	Development of Novel Inducers of Non-Apoptotic Cell Death to Target Glioblastoma	No	\$192,924	\$96,075	\$288,999	
<i>7/10/12 to 6/30/13</i>	<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of		80		
Co-I	Erhardt, Paul W.	Center for Drug Design and Development		20		
Co-I	Mrak, Robert E.	Pathology, Department of				
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of				
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of				
Sum of Department (Pathology, Department of)					Award Count: 2.50	\$137,834

Pediatrics, Department of

C-010085-34	Regional Comprehensive Genetic Services	No	\$198,001	\$0	\$198,001	\$198,001
<i>7/1/12 to 6/30/13</i>	<i>Ohio Department of Health - Federal Pass-Through Funds</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
PI/PD	Hoo, Joe J.	Pediatrics, Department of				

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

C-122287-03	Identification of New Mechanistic Biomarkers of Adverse Responses to Acetaminophen	Yes	\$1,665	\$450	\$2,115	\$2,115
4/1/11 to 3/31/12	National Institutes of Health through Arkansas Children's Hospital Research Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-122404-01	An Open-Label, Multi-Center, Single Arm Study to Evaluate the Safety and Tolerability of Intravenous Zanamivir in the Treatment of Hospitalized Adult, Adolescent and Pediatric Subjects with Confirmed Influenza Infection	Yes	\$40,850	\$12,255	\$53,106	\$53,106
10/24/11 to 10/23/13	GlaxoSmithKline					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-122504-01	An Evaluation of the Safety, Efficacy and Pharmacokinetics of Daptomycin in Pediatric Subjects Aged Two to Seventeen Years with Complicated Skin and Skin Structure Infections Caused by Gram-Positive Pathogens	Yes	\$56,574	\$16,972	\$73,546	\$73,546
10/24/11 to 10/23/13	Cubist Pharmaceuticals, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-122559-01	Program Support - Phase 1 Clinical Trial Unit for Therapeutics Against Infectious Diseases. Task Order 001	Yes	\$21,252	\$10,583	\$31,835	\$31,835
10/21/10 to 10/20/13	National Institute of Allergy & Infectious Diseases through Clinical Research Management, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-122588-01	Safety, Tolerability and Pharmacokinetics of Single Dose Intravenous Moxifloxacin in Pediatric Patients	Yes	\$6,575	\$1,972	\$8,547	\$8,547
3/9/11 to 5/31/14	Bayer HealthCare Pharmaceuticals					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-122589-01	A Randomized, Double-blind, Multicenter Trial to Evaluate the Safety and Efficacy of Sequential (Intravenous, oral) Moxifloxacin versus comparator in Pediatric Subjects with Complicated Intra-Abdominal Infection	Yes	\$3,269	\$981	\$4,250	\$4,250
10/24/11 to 10/23/13	Bayer HealthCare Pharmaceuticals					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

N-122590-01	An Evaluation of the Safety, Efficacy and Pharmacokinetics of Daptomycin in Pediatric Subjects Aged Three Months to Twenty-four Months who are Concurrently Receiving Standard Antibiotic Therapy for Proven or Suspected Gram-positive Infection	Yes	\$20,107	\$6,032	\$26,140	\$26,140
10/24/11 to 7/24/13	Cubist Pharmaceuticals, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-122595-01	A Prospective, Randomized, Double-Blind, Multicenter Study to Establish the Safety and Tolerability of Doripenem Compared with Cefepime in Hospitalized Children with Bacterial Pneumonia	Yes	\$1,923	\$577	\$2,500	\$2,500
3/14/11 to 3/13/14	Janssen Research & Development, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-122596-01	A Prospective, Randomized, Double-Blind, Multicenter Study to Establish the Safety and Tolerability of Doripenem Compared with Cefepime in Hospitalized Children with Complicated Urinary Tract Infections	Yes	\$1,923	\$577	\$2,500	\$2,500
10/24/11 to 10/23/13	Janssen Research & Development, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-122597-01	A Prospective, Randomized, Double-Blind, Multicenter Study to Establish the Safety and Tolerability of Doripenem Compared with Meropenem in Hospitalized Children with Complicated Intra-Abdominal Infections	Yes	\$25,332	\$7,600	\$32,932	\$32,932
9/15/11 to 11/11/12	Janssen Research & Development, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-122618-01	A Multicenter, Open Label, Ascending 7 day-repeated Dose Study to Investigate Efficacy, Safety and Pharmacokinetics of Nepadutant in Infants with Feeding Intolerance	Yes	\$10,575	\$3,172	\$13,747	\$13,747
10/24/11 to 10/23/12	Menarini Ricerche S.p.A. through KAI Research, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-122659-01	A Pharmacokinetic, Pharmacodynamic and Short-term Safety Study of Single and Multiple Day Doses of Rabeprazole Sodium in Neonates and Pre-term Infants with a Corrected Age of Less than 44 Weeks with a Diagnosis of Presumptive GERD	Yes	\$1,750	\$525	\$2,275	\$2,275
10/25/11 to 10/24/12	Janssen Research & Development, LLC					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

Role	Name	Department	% Credit
N-122661-01			
A Pharmacokinetic, Pharmacodynamic and Safety Study of Single and Multiple Doses of Rabeprazole in Pediatric Subjects with GERD 1 to 11 Months Old, Inclusive			
10/5/11 to 10/4/12 <i>Janssen Research & Development, LLC</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100
N-122665-01			
An Open Label Prospective Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Infants Less than One Year of Age with Influenza Infection			
10/24/11 to 7/24/13 <i>Hoffmann-La Roche, Inc.</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100
N-122666-01			
An Open Label Prospective, Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Children 1 to 12 Years of Age with Influenza Infection			
10/24/11 to 7/24/13 <i>Roche Laboratories, Inc.</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100
N-122667-01			
Pharmacokinetics of a Single Dose of Ceftaroline Fosamil in Children Ages Birth to Younger than 12 Years with Suspected or Confirmed Systemic Infection			
10/24/11 to 7/24/13 <i>Cerexa, Inc.</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100
N-122701-01			
Safety and Efficacy of Aripiprazole in the Long-Term Maintenance Treatment of Pediatric Patients with Irritability Associated with Autistic Disorder			
9/15/11 to 9/14/12 <i>Bristol-Myers Squibb</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100
N-122702-01			
Multiple Dose Study to Evaluate the Pharmacokinetics, Pharmacodynamics, Safety and Tolerability of Apixaban in Pediatric Subjects with an Indwelling Central Venous Catheter			
9/15/11 to 7/24/13 <i>Bristol-Myers Squibb</i>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

N-123102-01	A Multicenter, Randomized, Double-Blind, 8 Week Study To Evaluate The Dose Response, Efficacy And Safety Of Aliskiren In Pediatric Hypertensive Patients 6-17 Years Of Age	Yes	\$10,288	\$3,087	\$13,375	\$13,375
1/1/11 to 12/31/13 Novartis						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-123103-01	A Multicenter, Randomized, Observer-Blinded, Active Controlled Study to Evaluate the Safety, Tolerability, Efficacy, and Pharmacokinetics of a Single Dose of Ceftaroline Fosamil Versus Comparator in Children Ages Birth to Younger than 12 Years with ...	Yes	\$7,823	\$2,347	\$10,170	\$10,170
12/8/11 to 12/7/12 Cerexa, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
Co-I	Barnett, Bruce Alan	Pediatrics, Department of				
Co-I	Bhumbra, Nasreen	Pediatrics, Department of				
Co-I	Mukundan, Deepa	Pediatrics, Department of				
Co-I	Vauthy, Pierre A.	Pediatrics, Department of				
N-123116-01	A multicenter, double-blind, randomized, 52 week extension study to evaluate the long term safety, tolerability and efficacy of aliskiren compared to enalapril in pediatric hypertensive patients 6-17 years of age	Yes	\$3,839	\$1,036	\$4,875	\$4,875
9/15/11 to 9/14/13 Novartis						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-123303-01	Evaluation of a Novel Human Milk Fortifier in Preterm Infants	Yes	\$20,049	\$0	\$20,049	\$20,049
2/2/12 to 2/1/13 Abbott						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			
N-123304-01	A double-blind, randomized, stratified, multi-center trial evaluating conventional and high dose oseltamivir in the treatment of immunocompromised patients with influenza (NV20234)	Yes	\$7,169	\$1,936	\$9,105	\$9,105
11/30/11 to 11/29/13 Genentech, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Bhumbra, Nasreen	Pediatrics, Department of	100			
Co-I	Blumer, Jeffrey L.	Pediatrics, Department of				
N-123678-01	A Randomized, Multi-Center, Parallel-Group, Single-Dose, Pharmacokinetics and Pharmacodynamics Study of Dapagliflozin in Children and Adolescents Aged 10 to 17 Years with Type 2 Diabetes Mellitus.	Yes	\$32,371	\$9,711	\$42,082	\$42,082
6/18/12 to 6/17/14 Bristol-Myers Squibb						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100			

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

N-123679-01	Open-label Evaluation of the Pharmacokinetic Profile and Safety of Tapentadol Oral Solution for the Treatment of Postsurgical Pain in Children and Adolescents Aged From 6 to Less Than 18 Years	Yes	\$5,212	\$1,563	\$6,775	\$6,775
7/9/12 to 7/11/14	Janssen Pharmaceutica, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-123681-01	Evaluation of the Pharmacokinetics of Saxagliptin, S-Hydroxy Saxagliptin and Metformin in Children and Adolescents Aged 10 to 17 Years with Type 2 Diabetes Mellitus Following Oral Administration of Saxagliptin and Metformin XR Fixed Dose Combination Tablet	Yes	\$7,404	\$2,221	\$9,625	\$9,625
8/7/12 to 8/6/13	Bristol-Myers Squibb					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-123697-01	NIBP System Efficacy by Comparison with Intra-Arterial Measurement in the Neonate-Infant Population	No	\$11,186	\$3,356	\$14,542	\$14,542
5/14/12 to 5/13/13	Welch Allyn, Inc					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-123735-01	A phase 3, randomized, double-blinded, MV hicenter study comparing the efficacy and safety of Intravenous to oral 6-day TR-701 free acid and Intravenous to oral 10-day linezolid for the treatment of acute bacteria skin and skin structure infections	Yes	\$6,904	\$2,071	\$8,975	\$8,975
9/6/12 to 7/24/13	Trius Therapeutics, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-123832-01	A Multicenter, Randomized, Observer-Blinded, Active-Controlled Study Evaluating the Safety, Tolerability, Pharmacokinetics, and Efficacy of Ceftaroline Versus Ceftriazone Plus Vancomycin in Pediatric Subjects with Complicated Community-acquired Bacterial Pneumonia	Yes	\$5,823	\$1,747	\$7,570	\$7,570
9/12/12 to 9/11/14	Cerexa, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		
N-123834-01	MSV - A Randomized, Multi-Center, Parallel-Group, Single-Dose, Pharmacokinetics and Pharmacodynamics Study of Dapaglifozin in Children and Adolescents Aged 10 to 17 Years with Type 2 Diabetes Melitus	Yes	\$6,654	\$1,996	\$8,650	\$8,650
1/1/14 to 12/31/14	Bristol-Myers Squibb					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of		100		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Pediatrics, Department of

N-123835-01	Evaluation of the Pharmacokinetics of Saxagliptin, 5-Hydrxxy Saxagiipitin, and Metformin in Children and Adolescents Aged 10 to 17 Years with Type 2 Diabetes Metilitus Following Oral Administration of Saxagliptin and Metformin XR Fixed Dose Combination Tablet and Co-Administration of ...	Yes	\$6,654	\$1,996	\$8,650	\$8,650
<i>10/16/12 to 10/15/13 Bristol-Myers Squibb</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100

N-123836-01	A Multicenter, Randomized, Observer Blinded, Active-Controlled Study Evaluating the Safety, Tolerability, Pharmacokinetics, and Efficacy of Ceftaroline Versus Ceftriaxone in Pediatric Subjects With Community-acquired Bacterial Pneumonia Requiring Hospitalization	Yes	\$6,750	\$2,025	\$8,775	\$8,775
<i>8/22/12 to 8/21/14 Cerexa, Inc.</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100

T-122287-02	Identification of New Mechanistic Biomarkers of Adverse Responses to Acetaminophen	Yes	\$1,412	\$703	\$2,115	\$2,115
<i>4/1/10 to 3/31/11 National Institutes of Health through Arkansas Children's Hospital Research Institute</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100

Sum of Department (Pediatrics, Department of) Award Count: **34.00** **\$720,901**

Phys Pharm Met/Cardio Science, Department of

C-010087-25	Digitalis-Induced Signaling by Cardiac Na⁺/K⁺-ATPase	No	\$1,077,410	\$375,943	\$1,453,353
<i>4/1/13 to 3/31/14 National Heart, Lung & Blood Institute</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Askari, Amir	Biochemistry & Cancer Biology, Department of	100
Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of	
Co-I	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of	
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of	

C-010991-12	CEACAM and Insulin Action	No	\$206,376	\$104,468	\$310,844	\$310,844
<i>5/1/13 to 4/30/14 National Institute of Diabetes, Digestive & Kidney Diseases</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of	90
Co-I	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of	10

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Phys Pharm Met/Cardio Science, Department of

Role	Name	Department	% Credit
C-120298-05 Choose Ohio First Scholarship Program No \$37,600 \$0 \$37,600			
7/1/12 to 6/30/14 Ohio Board of Regents through Ohio University			
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	100
Co-I	Chin, Khew-Voon	Medicine, Department of	
Co-I	Fedorov, Alexei	Medicine, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Trumbly, Robert	Biochemistry & Cancer Biology, Department of	
Co-I	Weaver, David	Phys Pharm Met/Cardio Science, Department of	
C-120629-05 Regulation of Voltage-gated Calcium Channels During Chronic BZ Treatment in Rats No \$12,372 \$0 \$12,372 \$12,372			
4/1/13 to 5/31/13 National Institute on Drug Abuse			
Stdnt Schol	Earl, Damien E.	Phys Pharm Met/Cardio Science, Department of	100
C-121746-02 Na/K-ATPase Reduction in Renal Disease-Related Cardiac Dysfunction No \$238,000 \$118,524 \$356,524			
12/15/12 to 12/14/13 National Institutes of Health			
PI/PD	Tian, Jiang	Medicine, Department of	100
Co-I	Liu, Jiang	Medicine, Department of	
Co-I	Liu, Lijun	Biochemistry & Cancer Biology, Department of	
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	
C-122145-03 Development of a 3- to 4-year Controlled-Release PZP Contraceptive Vaccine For Wild Horses No \$119,048 \$30,952 \$150,000 \$150,000			
8/27/12 to 9/29/13 Bureau of Land Management			
PI/PD	Turner, John	Phys Pharm Met/Cardio Science, Department of	100
C-122214-03 Receptor Na/K-ATPase Antagonists As Novel Therapeutics For Renal/Cardiac Diseases No \$381,281 \$156,066 \$537,347 \$537,347			
6/1/13 to 5/31/14 National Institutes of Health			
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of	100
Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, Department of	
Co-I	Tian, Jiang	Medicine, Department of	
C-122444-02 TRPC3 Protein in Molecular and Cellular Events During Atherogenesis No \$238,000 \$118,524 \$356,524 \$356,524			
12/1/12 to 11/30/13 National Institutes of Health			
PI/PD	Vazquez, Guillermo	Phys Pharm Met/Cardio Science, Department of	100
Co-I	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of	
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of	
Co-I	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of	

Medicine, College of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Phys Pharm Met/Cardio Science, Department of						
C-122477-02	Inflammatory Triggers of Polycystic Ovarian Syndrome	No	\$118,418	\$58,972	\$177,390	\$177,390
3/1/13 to 2/28/14 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Hill, Jennifer E.W.	Phys Pharm Met/Cardio Science, Department of		100		
C-122488-02	CEACAM1: A link between metabolic and cardiovascular diseases	No	\$252,853	\$104,468	\$357,321	\$357,321
1/1/13 to 12/31/13 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of		100		
C-122616-02	Innovative Models for Mechanistic Studies of Novel Hypertension Genes	No	\$439,765	\$219,003	\$658,768	\$658,768
12/1/12 to 11/30/13 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Science, Department of		100		
C-122885-03	Genetics of Hypertension	No	\$238,000	\$118,524	\$356,524	\$356,524
12/1/12 to 11/30/13 National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Kumar, Ashok	Phys Pharm Met/Cardio Science, Department of		100		
C-122938-02	Breeding of Specific Inbred Rat Strains	No	\$42,724	\$21,277	\$64,001	\$64,001
1/14/13 to 1/13/14 U. S. Army Medical Research and Materiel Command						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Science, Department of		100		
C-122950-05	Transcriptional Regulation of Angiotensinogen Gene	No	\$247,500	\$123,255	\$370,755	\$370,755
7/1/12 to 6/30/13 National Heart, Lung & Blood Institute						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Kumar, Ashok	Phys Pharm Met/Cardio Science, Department of		100		
N-123776-01	Cellular Mechanisms of Retrovirus Induced Breast Milk Transmitted Lymphoma Development	No	\$25,000	\$0	\$25,000	\$25,000
1/1/13 to 12/31/13 F.M. Douglass Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Chakraborty, Joana	Phys Pharm Met/Cardio Science, Department of		100		
Co-I	Duggan, Joan	Medicine, Department of				
N-123983-01	Na/K-ATPase/Src receptor as a target for novel therapeutics in systemic sclerosis	No	\$25,000	\$0	\$25,000	\$10,000
4/1/13 to 3/30/14 University of Toledo Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Li, Zhichuan	Medicine, Department of		60		
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of		40		
Sum of Department (Phys Pharm Met/Cardio Science, Depa						Award Count: 12.40
						\$3,386,846

Psychiatry, Department of

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Psychiatry, Department of

C-121274-03	ACT Great Lakes Regional Center	No	\$15,000	\$0	\$15,000	\$15,000
<i>2/1/12 to 1/31/13 MetLife Foundation through American Psychological Association</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Knox, Michele	Psychiatry, Department of	100

C-121274-04	ACT Great Lakes Regional Center	No	\$16,500	\$0	\$16,500	\$16,500
<i>2/1/13 to 1/31/14 MetLife Foundation through American Psychological Association</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Knox, Michele	Psychiatry, Department of	100

N-122910-01-A1	Longitudinal MRI study of PTSD development from days to weeks after trauma	No	\$156,558	\$77,966	\$234,524	\$211,072
<i>4/1/13 to 3/31/14 National Institutes of Health</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Wang, Xin	Psychiatry, Department of	50
Co-I	Brickman, Kristopher R.	Surgery, Department of	5
Co-I	Dennis, Michael	Radiology, Department of	0
Co-I	Elhai, Jon D.	Psychology, Department of	0
Co-I	Smirnoff-Poling, Jennifer Boyd	Psychiatry, Department of	40
Co-I	Tamburrino, Marijo	Psychiatry, Department of	5
Co-I	Xie, Hong	Neurosciences, Department of	5

N-123542-01	ACT: Promoting Healthy, Nonviolent Relationships for Teen Parents	No	\$15,000	\$0	\$15,000	\$15,000
<i>10/24/12 to 6/30/14 Verizon Foundation</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Knox, Michele	Psychiatry, Department of	100

R-010532-18	Adult Psychiatry Residency and Training Program	No	\$38,096	\$1,905	\$40,001	\$40,001
<i>7/1/12 to 6/30/13 Ohio Department of Mental Health</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Smith, Mary Kay	Psychiatry, Department of	100

R-101221-05	Risk and Resilience Factors for Combat-Related Posttraumatic Psychopathology and Post Combat Adjustment	No	\$88,352	\$30,923	\$119,275	\$119,275
<i>1/1/13 to 9/27/13 U. S. Army Medical Research and Materiel Command through University Hospitals of Cleveland</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Tamburrino, Marijo	Psychiatry, Department of	100
Co-I	Fine, Thomas	Psychiatry, Department of	
Co-I	Rapport, Daniel J.	Psychiatry, Department of	

Sum of Department (Psychiatry, Department of) Award Count: **5.90** **\$416,848**

Public Hlth/Homeland Security, Department of

Medicine, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Public Hlth/Homeland Security, Department of

C-101313-08	Occupational Health Training Grant	No	\$60,542	\$2,018	\$62,560	\$62,560
<i>7/1/12 to 6/30/13</i>	<i>National Institute for Occupational Safety and Health</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Security, Department of	100

N-123216-01	Public Health Traineeship	No	\$5,712	\$0	\$5,712	\$5,712
<i>7/1/12 to 6/30/13</i>	<i>Health Resources & Services Administration</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Saltzman, Barbara	Public Hlth/Homeland Security, Department of	40
Co-I	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Security, Department of	15
Co-I	Fink, Brian N.	Public Hlth/Homeland Security, Department of	15
Co-I	Khuder, Sadik	Public Hlth/Homeland Security, Department of	15
Co-I	Milz, Sheryl A.	Public Hlth/Homeland Security, Department of	15

R-108849-05	Internship Agreement Between the University of Toledo and The Board of Lucas County Commissioners	Yes	\$91,149	\$9,115	\$100,263	\$100,263
<i>6/1/10 to 5/31/13</i>	<i>Board of County (Lucas) Commissioners</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Boardley, Debra J.	Public Hlth/Homeland Security, Department of	100

Sum of Department (Public Hlth/Homeland Security, Depart Award Count: 3.00 **\$168,535**

Radiology, Department of

N-101334-01	Effect of Sirolimus on Cyst Regression in Renal Transplant Recipients with Polycystic Kidney Disease	Yes	\$32,000	\$8,000	\$40,000	
<i>9/6/06 to 1/31/14</i>	<i>Wyeth Pharmaceuticals</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Ratnam, Shobha	Medicine, Department of	100
Co-I	Elsamaloty, Haitham M.	Radiology, Department of	
Co-I	Khuder, Sadik	Medicine, Department of	
Co-I	Rees, Michael A.	Urology, Department of	

N-122744-01	A Multi-Center Double-Blind Parallel-Group Placebo-Controlled Study Of The Efficacy And Safety Of Teriflunomide In Patients With Relapsing Multiple Sclerosis Who Are Treated With Interferon-Beta	Yes	\$13,432	\$3,627	\$17,059	\$5,118
<i>5/2/11 to 5/1/14</i>	<i>Sanofi-Aventis U.S., Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Koffman, Boyd	Neurology, Department of	30
Co-I	Cole, Kimberly A.	Neurology, Department of	20
Co-I	Elsamaloty, Haitham M.	Radiology, Department of	30
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	20

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Radiology, Department of

N-122910-01-A1	Longitudinal MRI study of PTSD development from days to weeks after trauma	No	\$156,558	\$77,966	\$234,524	\$0
4/1/13 to 3/31/14	National Institutes of Health					

Role	Name	Department	% Credit
PI/PD	Wang, Xin	Psychiatry, Department of	50
Co-I	Brickman, Kristopher R.	Surgery, Department of	5
Co-I	Dennis, Michael	Radiology, Department of	0
Co-I	Elhai, Jon D.	Psychology, Department of	0
Co-I	Smirnof-Poling, Jennifer Boyd	Psychiatry, Department of	
Co-I	Tamburrino, Marijo	Psychiatry, Department of	40
Co-I	Xie, Hong	Neurosciences, Department of	5

Sum of Department (Radiology, Department of) Award Count: 0.30 \$5,118

Resid Prgm-Medicine

C-122255-02	PROspective Multicenter Imaging Study for Evaluation of Chest Pain (PROMISE Trial)	Yes	\$9,136	\$914	\$10,050
5/1/12 to 4/30/14	National Heart, Lung & Blood Institute through Duke University				

Role	Name	Department	% Credit
PI/PD	Tinkel, Jodi Lee	Medicine, Department of	80
Co-I	Colyer, William R.	Medicine, Department of	10
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Khoury, Samer J.	Medicine, Department of	10

N-101598-01	PRECISION: Prospective Randomized Evaluation of Celecoxib Integrated Safety vs. Ibuprofen or Naproxen...	Yes	\$36,193	\$9,048	\$45,241
4/6/07 to 1/31/14	Pfizer, Inc. through INC Research, Inc.				

Role	Name	Department	% 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-120829-01	TECOS: A Randomized, Placebo Controlled Clinical Trial to Evaluate Cardiovascular Outcomes after Treatment with Sitagliptin in Patients with Type 2 Diabetes Mellitus and Inadequate Glycemic Control	Yes	\$15,315	\$3,829	\$19,144
1/23/09 to 1/22/14	Merck and Company Inc. through Duke University				

Role	Name	Department	% Credit
PI/PD	Akpunonu, Basil	Medicine, Department of	100
Co-I	Bittar, Samih	Medicine, Department of	
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Resid Prgm-Medicine

Role	Name	Department	% Credit
N-121503-01 Cordis CYPRESS Trial (P09-6301)			
11/13/09 to 11/12/13 Cordis Corporation			
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	
N-121592-01 A Randomized, Multicenter, Double-Blind, Parallel, Placebo-Controlled Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects With Type 2 Diabetes Mellitus (The CANVAS Trial)			
2/24/10 to 1/31/14 Janssen Research & Development, LLC			
PI/PD	Akpunonu, Basil	Medicine, Department of	100
Co-I	Bittar, Samih	Medicine, Department of	
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine	
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			
5/12/10 to 5/11/14 Hoffman LaRoche through Montreal Heart Institute			
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)"			
8/16/10 to 1/31/14 Amylin Phamaceuticals, Inc. through Duke University			
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

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Resid Prgm-Medicine

N-122784-01	A Prospective, Multicenter, Single Blind, Randomized, Controlled Trial Comparing the Moxy™ Drug Coated Balloon vs. Standard Balloon Angioplasty for Treatment of Femoropopliteal Arteries	Yes	\$15,343	\$4,143	\$19,486	
9/14/11 to 9/13/13	Lutonix Inc					

Role	Name	Department	% Credit
PI/PD	Burket, Mark	Medicine, Department of	70
Co-I	Cooper, Christopher	Medicine, Department of	15
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Nahhas, Ahed T.	Medicine, Department of	15

N-122787-01	The Treatment of Iliac and Femoral Atherosclerotic Lesions Using the Self-expanding Astron and Astron Pulsar Stents	Yes	\$42,760	\$11,545	\$54,305	
9/3/11 to 9/2/13	Biotronik, Inc.					

Role	Name	Department	% Credit
PI/PD	Burket, Mark	Medicine, Department of	100
Co-I	Cooper, Christopher	Medicine, Department of	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Nahhas, Ahed T.	Medicine, Department of	

N-122791-01	A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/ Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or an increased risk for cardiovascular disease	Yes	\$5,879	\$1,587	\$7,466	\$448
2/18/12 to 2/17/13	GlaxoSmithKline through Parexel International Corporation					

Role	Name	Department	% Credit
PI/PD	Hammersley, Jeffrey	Medicine, Department of	89
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine	1
Co-I	Assaly, Ragheb	Medicine, Department of	1
Co-I	Avasthi, Salil	Resid Prgm-Medicine	1
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of	1
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine	1
Co-I	Lanka, Kiranmayee	Resid Prgm-Medicine	1
Co-I	Olson, Dan	Medicine, Department of	1
Co-I	Safi, Fadi Alil	Resid Prgm-Medicine	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

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Resid Prgm-Medicine

N-123060-01	Breviblock Observational Registry	Yes	\$1,575	\$425	\$2,000	\$80
11/17/11 to 11/16/12 Baxter Healthcare Corporation						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
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-123141-01	A Phase 3, Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 52-Week Study to Evaluate the Efficacy and Safety of Belimumab (HGS1006) Administered Subcutaneously (SC) to Subjects with Systemic Lupus Erythematosus (SLE)	Yes	\$20,108	\$5,429	\$25,537	
3/23/12 to 3/22/14 Human Genome Sciences						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100			
Co-I	Vetteth, Sandeep	Resid Prgm-Medicine				
N-123246-01	The Role of Endothelin-I in patients with Heart Failure and pulmonary venous hypertension	Yes	\$47,953	\$12,947	\$60,900	\$12,180
12/20/11 to 12/19/12 Gilead Sciences, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khouri, Samer J.	Medicine, Department of	50			
Co-I	Burket, Mark	Medicine, Department of	10			
Co-I	Cooper, Christopher	Medicine, Department of	10			
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10			
Co-I	Moukarbel, George Victor	Medicine, Department of	10			
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine	10			
N-123415-01	A Phase 11/111, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of Tocilizumab Versus Placebo in Patients With Systemic Sclerosis	Yes	\$3,750	\$0	\$3,750	
6/7/12 to 6/6/14 Genentech, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100			
Co-I	Vetteth, Sandeep	Resid Prgm-Medicine				

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Resid Prgm-Medicine

N-123436-01	Levant 2, phase 2 Continued Access Registry	Yes	\$571	\$154	\$725	\$73
5/11/12 to 5/10/14	Lutonix Inc					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Burket, Mark	Medicine, Department of	70
Co-I	Cooper, Christopher	Medicine, Department of	10
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	10
Co-I	Moukarbel, George Victor	Medicine, Department of	5
Co-I	Nahhas, Ahed T.	Medicine, Department of	5

N-123524-01	Artisan: iCAST RX De Novo Stent Placement for the Treatment Of Atherosclerotic Renal Artery Stenosis in Subjects with Resistant Hypertension	Yes	\$2,308	\$692	\$3,000	\$450
10/12/12 to 10/11/13	Prairie Education & Research Cooperative/St. John's Hospital					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Burket, Mark	Medicine, Department of	70
Co-I	Cooper, Christopher	Medicine, Department of	15
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	15

N-123646-01	Phase 3, Multicenter, randomized, double-blind, placebo-controlled trial to evaluate the efficacy and safety of ularitide (urodilatin) intravenous infusion in patients suffering from acute decompensated heart failure (true-ahf).	Yes	\$4,462	\$1,338	\$5,800	
11/19/12 to 11/18/13	Quintiles, Inc.					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Khoury, Samer J.	Medicine, Department of	100
Co-I	Brickman, Kristopher R.	Surgery, Department of	
Co-I	Burket, Mark	Medicine, Department of	
Co-I	Colyer, William R.	Medicine, Department of	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Grubb, Blair	Medicine, Department of	
Co-I	Moukarbel, George Victor	Medicine, Department of	

N-123781-01	Cost-effectiveness of Iliac Stenting Procedures	No	\$11,810	\$3,189	\$14,999	\$14,999
12/28/12 to 12/27/13	Atrium Medical					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Eltahawy, Ehab A.	Resid Prgm-Medicine	100
Co-I	Khuder, Sadik	Medicine, Department of	

Sum of Department (Resid Prgm-Medicine) Award Count: 1.63 **\$29,536**

Resid Prgm-Neurosciences

Resid Prgm-Neurosciences

N-121712-01	Efficacy and Safety of Eslicarbazepine Acetate (BIA 2-093) as Adjunctive Therapy for Refractory Partial Seizures...	Yes	\$8,473	\$0	\$8,473	
3/10/10 to 3/9/14 <i>Sepracor</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Ali, Imran	Neurology, Department of		100	
	Co-I	Li, Hongyan	Resid Prgm-Neurosciences			
	Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of			
N-122000-01	A Multi-Center, Double-Blind, Randomized, Parallel-Group, Placebo Controlled Study to Assess the Clinical Effect of Droxidopa in the Treatment of Symptomatic Neurogenic Orthostatic Hypotension in Patients with Parkinson's Disease	Yes	\$16,730	\$4,182	\$20,912	
5/14/10 to 5/13/13 <i>Chelsea Therapeutics Inc through PPD Development, LLC</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Elmer, Lawrence	Neurology, Department of		100	
	Co-I	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences			
N-122176-01	A Multi-Center, Open-Label Study To Assess The Long-Term Safety Of Droxidopa In Subjects With Primary Autonomic Failure, Dopamine Beta Hydroxylase Deficiency Or Non-Diabetic Neuropathy And Symptomatic Neurogenic Orthostatic Hypotension	Yes	\$10,276	\$2,774	\$13,050	
12/8/10 to 7/7/14 <i>Chelsea Therapeutics Inc</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Elmer, Lawrence	Neurology, Department of		100	
	Co-I	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences			
N-122177-01	Phase 3 Study in Progressive Multiple Sclerosis	Yes	\$1,443	\$390	\$1,833	\$550
10/25/11 to 10/24/13 <i>AB Science</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Koffman, Boyd	Neurology, Department of		30	
	Co-I	Cole, Kimberly A.	Neurology, Department of		20	
	Co-I	Korsnack, Andrea	Neurology, Department of		20	
	Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences		30	
N-122200-01	Randomised, double-blind, parallel-group, placebo-controlled study to evaluate the efficacy and safety of desmoteplase in acute ischemic stroke	Yes	\$591	\$159	\$750	
3/31/11 to 3/30/14 <i>Lundbeck Inc.</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Tietjen, Gretchen	Neurology, Department of		100	
	Co-I	Li, Hongyan	Resid Prgm-Neurosciences			

Resid Prgm-Neurosciences

Role	Name	Department	% Credit
N-122252-01			
A Randomized, Double-blind, Placebo-controlled, Multicenter, Parallel-group Study to Evaluate the Efficacy and Safety of Brivaracetam in Subjects (greater than or equal to 16 to 80 years old) with Partial Onset Seizures (Phase III) (Protocol No.: N01358)			
3/16/11 to 3/15/14 UCB Biosciences			
PI/PD	Ali, Imran	Neurology, Department of	55
Co-I	Cole, Kimberly A.	Neurology, Department of	15
Co-I	Li, Hongyan	Resid Prgm-Neurosciences	15
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	15
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 Years Or Older With Partial Onset Seizures			
3/25/11 to 3/24/14 UCB Pharma, Inc.			
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-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			
2/16/12 to 3/22/14 Eisai Inc.			
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			
1/5/12 to 3/22/14 SK Life Science, Inc.			
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

Resid Prgm-Neurosciences

N-XXXXXX-01	Study Title	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award	Credit
N-122780-01	A Randomized, Multicenter, Double Blind, Placebo-Controlled, Parallel-Group, Phase 3 Study to Evaluate the Efficacy and Safety of USL255 as Adjunctive Therapy in Patients with Refractory Partial-Onset Seizures.	Yes	\$5,807	\$1,568	\$7,375		\$4,425
10/6/11 to 10/5/12 PPD Development, LLC							
	<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-122781-01	Open-Label Extension Study to Evaluate the Safety of USL255 as Adjunctive Therapy in Patients with Refractory Partial-Onset Seizures who had Participated in P09-004, a Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 ...	Yes	\$591	\$159	\$750		\$450
10/6/11 to 10/5/12 PPD Development, LLC							
	<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-122949-01	A Multicenter, Open-Label, Four-Arm, Randomized Trial Evaluating The Safety And Tolerability Of Brivaracetam Intravenous Infusion And Bolus, Administered In Bid Regimen As An Adjunctive Antiepileptic Treatment In Subjects From 16 To 70 Years Suffering From Epilepsy	Yes	\$3,740	\$1,010	\$4,750		\$2,850
10/17/11 to 10/16/12 UCB Biosciences							
	<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-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	\$12,369	\$3,340	\$15,708		
3/12/12 to 3/11/14 Sunovion Pharmaceuticals							
	<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				

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Resid Prgm-Neurosciences

N-123248-01	Long-Term Eslicarbazepine Acetate Extension Study	Yes	\$6,996	\$1,889	\$8,885
3/12/12 to 3/11/13	Sunovion Pharmaceuticals				
<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 (Resid Prgm-Neurosciences) Award Count: 3.55					\$23,209

Resid Prgm-Pathology

C-122062-03	Inherited Genetic Risk Factors Common to COPD and Lung Cancer	No	\$347,331	\$118,191	\$465,522
5/1/13 to 6/30/14	National Heart, Lung & Blood Institute				
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
PI/PD	Willey, James	Medicine, Department of		100	
Co-I	Blomquist, Thomas M.	Resid Prgm-Pathology			
N-123956-01	Zilver PTX Drug Eluting Stent Compared to Bare Metal Stent in Superficial Femoral Artery Intervention: The Cost Effectiveness of each Procedure in the Long Term FollowUp	No	\$11,811	\$3,189	\$15,000
2/28/13 to 2/27/14	Cook, Inc.				
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
PI/PD	Burket, Mark	Medicine, Department of		100	
Co-I	Taleb, Mohammed M.	Resid Prgm-Pathology			
Sum of Department (Resid Prgm-Pathology) Award Count:					

Surgery, Department of

C-100704-09-W1	Preclinical in vitro and in vivo Screening Assays - Work Assignment #1 - Contract Administration and Management	No	\$33,715	\$16,284	\$49,999	\$49,999
4/30/12 to 6/30/13	National Cancer Institute					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Crist, Keith	Surgery, Department of		100		
C-121526-04	Mechanisms Driving Cortical Cytoskeleton Dynamics in Cancer Cell Invasion	No	\$189,199	\$94,221	\$283,420	\$14,171
6/1/13 to 5/31/14	National Institutes of Health					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Eisenmann, Kathryn M.	Biochemistry & Cancer Biology, Department of		90		
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of		5		
Co-I	Kalinoski, Andrea L.	Surgery, Department of		5		

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Surgery, 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	Yes	\$440	\$110	\$550	
9/29/04 to 9/28/12	Genentech, Inc.					

Role	Name	Department	% Credit
PI/PD	Mohamed, Iman E.	Medicine, Department of	100
Co-I	Chaudhary, Rekha	Medicine, Department of	
Co-I	Skeel, Roland	Medicine, Department of	
Co-I	Veltri, Salvatore	Medicine, Department of	
Dir Ctr/Inst	Braun, Donald P.	Surgery, Department of	

N-101088-01	Carotid Revascularization Endarterectomy vs. Stenting	Yes	\$7,720	\$1,930	\$9,650	\$9,650
1/3/05 to 1/2/11	National Institute of Neurological Disorders and Stroke through University of Medicine & Dentistry of New Jersey					

Role	Name	Department	% Credit
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100
Co-I	Abbas, Jihad T.	Surgery, Department of	
Co-I	Burket, Mark	Medicine, Department of	
Co-I	Hafeez, Faizan	Neurology, Department of	
Co-I	Ramsey-Williams, Vicki A.	Neurology, Department of	
Co-I	Tietjen, Gretchen	Neurology, Department of	

N-121535-01	A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Peramivir Administer Intravenously in Addition to Standard of Care in Adults and Adolescents Who are Hospitalized Due to Serious Influenza	Yes	\$7,722	\$0	\$7,722	
10/30/09 to 10/29/12	BioCryst Pharmaceuticals, Inc.					

Role	Name	Department	% Credit
PI/PD	Hammersley, Jeffrey	Medicine, Department of	100
Co-I	Apostolis, Michael A.	Medicine, Department of	
Co-I	Assaly, Ragheb	Medicine, Department of	
Co-I	Avasthi, Salil	Medicine, Department of	
Co-I	Bauer, Rebecca	Medicine, Department of	
Co-I	Brickman, Kristopher R.	Surgery, Department of	
Co-I	Duggan, Joan	Medicine, Department of	
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of	
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of	
Co-I	Lanka, Kiranmayee	Medicine, Department of	
Co-I	Olson, Dan	Medicine, Department of	
Co-I	Safi, Fadi Alil	Medicine, Department of	
Co-I	Singh, Surender	Medicine, Department of	
Co-I	Willey, James	Medicine, Department of	
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of	

Medicine, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Surgery, Department of

N-122175-01	AngelMed for Early Recognition and Treatment of STEMI (ALERTS) Randomized Trial	Yes	\$108,765	\$0	\$108,765	\$54,383
3/11/11 to 3/10/14	Angel Medical Systems, Inc.					

Role	Name	Department	% Credit
PI/PD	Schwann, Thomas A.	Surgery, Department of	25
Co-I	Bonnell, Mark	Surgery, Department of	
Co-I	Cooper, Christopher	Medicine, Department of	25
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of	25
Co-I	Omer, Shuab	Surgery, Department of	25

N-122204-01	Descending Thoracic Aortic Aneurysm Endovascular Repair Post Approval Study (THRIVE)	Yes	\$1,969	\$531	\$2,500	\$2,500
12/7/10 to 12/6/13	Medtronic Vascular, Inc.					

Role	Name	Department	% Credit
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	60
Co-I	Abbas, Jihad T.	Surgery, Department of	30
Co-I	Zelenock, Gerald B.	Surgery, Department of	10

N-122373-01	CRUX Biomedical Evaluation of the Crux Inferior Vena Cava Filter System ("Retrieve")	Yes	\$3,543	\$957	\$4,500	\$4,500
12/14/10 to 12/13/12	Crux BioMedical, Inc through Toledo Hospital					

Role	Name	Department	% Credit
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	50
Co-I	Abbas, Jihad T.	Surgery, Department of	50

N-122910-01-A1	Longitudinal MRI study of PTSD development from days to weeks after trauma	No	\$156,558	\$77,966	\$234,524	\$11,726
4/1/13 to 3/31/14	National Institutes of Health					

Role	Name	Department	% Credit
PI/PD	Wang, Xin	Psychiatry, Department of	50
Co-I	Brickman, Kristopher R.	Surgery, Department of	5
Co-I	Dennis, Michael	Radiology, Department of	0
Co-I	Elhai, Jon D.	Psychology, Department of	0
Co-I	Smirnoff-Poling, Jennifer Boyd	Psychiatry, Department of	
Co-I	Tamburrino, Marijo	Psychiatry, Department of	40
Co-I	Xie, Hong	Neurosciences, Department of	5

N-123137-01	Evaluation of ReeTrakt Retractor in Surgical Procedures (P11-056)	Yes	\$2,559	\$691	\$3,250	\$3,250
3/1/12 to 2/28/13	Medline Industries, Inc					

Role	Name	Department	% Credit
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	50
Co-I	Abbas, Jihad T.	Surgery, Department of	25
Co-I	Amer, Hammad M.	Surgery, Department of	25
Co-I	Kazan, Viviane	Surgery, Department of	
Co-I	Qu, Weikai	Surgery, Department of	

Medicine, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Surgery, Department of

N-123138-01	PEARL II: PERipheral Use of AngioJet® Rheolytic Thrombectomy With a Variety of Catheter Lengths II Registry	Yes	\$3,937	\$1,063	\$5,000	\$5,000
2/24/12 to 2/23/13	MEDRAD, Inc.					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	50
Co-I	Abbas, Jihad T.	Surgery, Department of	25
Co-I	Amer, Hammad M.	Surgery, Department of	25
Co-I	Kazan, Viviane	Surgery, Department of	
Co-I	Qu, Weikai	Surgery, Department of	

N-123646-01	Phase 3, Multicenter, randomized, double-blind, placebo-controlled trial to evaluate the efficacy and safety of ularitide (urodilatin) intravenous infusion in patients suffering from acute decompensated heart failure (true-ahf).	Yes	\$4,462	\$1,338	\$5,800	
11/19/12 to 11/18/13	Quintiles, Inc.					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Khoury, Samer J.	Medicine, Department of	100
Co-I	Brickman, Kristopher R.	Surgery, Department of	
Co-I	Burket, Mark	Medicine, Department of	
Co-I	Colyer, William R.	Medicine, Department of	
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine	
Co-I	Grubb, Blair	Medicine, Department of	
Co-I	Moukarbel, George Victor	Medicine, Department of	

N-123963-01	MORE-CARE	No	\$10,000	\$0	\$10,000	\$2,500
3/1/13 to 2/28/14	Health Resources & Services Administration through Visiting Nurse Association of Mid-Ohio					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Gokula, R.R.Murthy	Family Medicine, Department of	25
Co-I	Brickman, Kristopher R.	Surgery, Department of	25
Co-I	Gaspar, Phyllis M.	Family Medicine, Department of	25
Co-I	Khuder, Sadik	Medicine, Department of	25

Sum of Department (**Surgery, Department of**) Award Count: **6.85** **\$157,679**

Urology, Department of

C-121527-04	Improvement in Paired Donation Program	No	\$242,728	\$87,264	\$329,992	
5/1/13 to 4/30/14	National Institutes of Health					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
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-122448-02	Optimization and Simulation of Kidney Paired Donation Programs	No	\$15,780	\$7,859	\$23,639	\$23,639
4/1/13 to 3/31/14	National Institutes of Health through University of Michigan					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Rees, Michael A.	Urology, Department of	100

Medicine, College of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
Urology, Department of						
N-101334-01	Effect of Sirolimus on Cyst Regression in Renal Transplant Recipients with Polycystic Kidney Disease	Yes	\$32,000	\$8,000	\$40,000	
9/6/06 to 1/31/14 Wyeth Pharmaceuticals						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ratnam, Shobha	Medicine, Department of		100		
Co-I	Elsamaloty, Haitham M.	Radiology, Department of				
Co-I	Khuder, Sadik	Medicine, Department of				
Co-I	Rees, Michael A.	Urology, Department of				
N-122226-01	Evaluation of a Standard Acquisition Charge Model for Kidney Paired Donation	No	\$423,881	\$76,050	\$499,931	\$499,931
8/2/12 to 5/31/13 Agency for Healthcare Research and Quality						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rees, Michael A.	Urology, Department of		100		
N-122448-01-A1	Optimization and Simulation of Kidney Paired Donation Programs	No	\$15,781	\$7,859	\$23,640	\$23,640
4/1/12 to 3/31/13 National Institutes of Health through University of Michigan						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rees, Michael A.	Urology, Department of		100		
N-123876-01	A 24 month, single center, pilot, open label, randomized, controlled trial to evaluate the efficacy and safety of calcineurin-inhibitor elimination or reduction [...]Everolimus®/Myfortic® versus Reduced Dose tacrolimus/ Everolimus® in adult renal transplant recipients ...	Yes	\$90,662	\$0	\$90,662	\$54,397
2/15/13 to 2/14/14 Novartis						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Rees, Michael A.	Urology, Department of		60		
Co-PI	Kaw, Dinkar	Medicine, Department of		30		
Co-I	Malhotra, Deepak K.	Medicine, Department of		10		
N-124167-01	Interstitial Cystitis: Elucidation of Psychophysiologic and Autonomic Character	No	\$57,115	\$27,929	\$85,044	\$85,044
3/1/13 to 5/31/14 National Institute of Diabetes, Digestive & Kidney Diseases through Case Western Reserve University/Case Medical Center						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Singla, Ajay K.	Urology, Department of		100		
Sum of Department (Urology, Department of)			Award Count: 4.60			\$686,651
Sum of College (Medicine, College of)			Award Count: 197.77			\$18,634,855

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

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Administration, College of Natural Sciences & Mathematics

N-124028-01	The Geometry of Stellar Winds and Shock Structure in V444 Cyg	No	\$13,682	\$6,225	\$19,907	\$19,907
<i>1/25/13 to 1/24/14</i>	<i>National Aeronautics and Space Administration through University of Denver</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bjorkman, Karen S.	Administration, College of Natural Sciences & Mathematics		100		
Sum of Department (Administration, College of Natural Scie)						Award Count: 1.00
						\$19,907

Biological Sciences, Department of

C-109000-09	Biomonitoring of Nutritional and Environmental Stress in Plants	No	\$68,727	\$6,873	\$75,600	\$7,560
<i>3/16/12 to 3/15/13</i>	<i>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-110081-05	GEPR: Systems Approaches to Identify Gene Regulatory Networks in the Grasses	No	\$169,022	\$76,905	\$245,927	\$245,927
<i>1/1/13 to 12/31/13</i>	<i>National Science Foundation through Ohio State University</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gray, John	Biological Sciences, Department of		100		
C-110261-06	Examination of Factors Influencing Virus Disease in Floriculture Crops	No	\$127,273	\$12,727	\$140,000	\$140,000
<i>7/1/12 to 6/30/13</i>	<i>U.S. Department of Agriculture</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Leisner, Scott M.	Biological Sciences, Department of		100		
C-121364-03	Role of JAK2-PAK1 Interaction in Prolactin-Dependent Signaling	No	\$205,633	\$93,563	\$299,196	\$299,196
<i>9/1/12 to 8/31/13</i>	<i>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				
C-121388-04	VHS Yellow Perch Aquaculture ARS 2010	No	\$119,900	\$0	\$119,900	\$59,950
<i>7/1/12 to 6/30/13</i>	<i>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		50		
Co-I	Leaman, Douglas W.	Biological Sciences, Department of		50		
C-122131-03	Assembly, Disassembly and Function of the Mitotic Checkpoint Complex	No	\$149,807	\$68,162	\$217,969	\$217,969
<i>3/1/13 to 2/28/14</i>	<i>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-122535-01-A1	ELANE and CSF3R Mutations in Severe Congenital Neutropenia	No	\$300,000	\$136,500	\$436,500	\$436,500
<i>8/1/12 to 7/31/13</i>	<i>National Institutes of Health</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Dong, Fan	Biological Sciences, Department of		100		

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Biological Sciences, Department of

N-122982-01	Chemotherapeutic Regulation of Autoimmunity Without Overt Cytotoxicity	No	\$63,095	\$6,310	\$69,405	\$69,405
<i>7/1/12 to 6/30/13 American Heart Association - Great Rivers Affiliate</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Quinn, Anthony	Biological Sciences, Department of		100	
	Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of			
	Co-I	Hacker, Estate of Dr. Miles P.	Pharmacology, Department of			
	Co-I	Koffman, Boyd	Neurology, Department of			
N-123011-01	MLK4 Regulation of MAPK Signaling	No	\$240,000	\$109,200	\$349,200	\$349,200
<i>9/1/12 to 8/31/13 National Institutes of Health</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Chadee, Deborah N.	Biological Sciences, Department of		100	
N-123923-01	Chimeric Nematode Models for Anthelmintic Discovery	No	\$100,000	\$0	\$100,000	\$100,000
<i>6/1/13 to 5/31/14 Bill and Melinda Gates Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Komuniecki, Richard	Biological Sciences, Department of		100	
R-110094-06-A1	Locomotion in Parasitic Nematodes	No	\$235,000	\$106,925	\$341,925	\$341,925
<i>4/15/13 to 3/31/14 National Institute of Allergy & Infectious Diseases</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Bamber, Bruce A.	Biological Sciences, Department of		50	
	PI/PD	Komuniecki, Richard	Biological Sciences, Department of		50	
S-110261-06-S1	Examination of Factors Influencing Virus Disease in Floriculture Crops	No	\$36,744	\$3,675	\$40,419	\$40,419
<i>9/18/12 to 7/31/13 U.S. Department of Agriculture</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Leisner, Scott M.	Biological Sciences, Department of		100	
T-123332-01	The Mechanism of Pericentriolar Material Assembly During Centrosome Biogenesis	No	\$72,700	\$33,079	\$105,779	\$105,779
<i>8/13/12 to 1/31/13 National Institutes of Health</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of		100	
T-123333-01	Centriole Inheritance During Reproduction	No	\$204,391	\$92,998	\$297,389	\$297,389
<i>8/13/12 to 7/31/13 National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of		100	
T-123454-01	Invadopodia assembly in pancreatic tumor-associated fibroblasts	No	\$44,408	\$20,206	\$64,614	\$64,614
<i>8/13/12 to 6/30/14 National Institutes of Health</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>	
	PI/PD	Goicoechea, Silvia M.	Biological Sciences, Department of		100	

Sum of Department (**Biological Sciences, Department of**) Award Count: **13.60** **\$2,775,833**

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Chemistry, Department of

C-121601-03	REU Site Exploring Structure of Molecules and Materials	No	\$63,249	\$7,912	\$71,161	\$71,161
7/1/12 to 6/30/14 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Mueser, Timothy	Chemistry, Department of	50			
Co-I	Lind-Kovacs, Cora	Chemistry, Department of	50			
C-121614-03	Novel Low Temperature Routes to Metal Sulfides	No	\$72,165	\$32,835	\$105,000	\$105,000
7/1/12 to 6/30/14 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Lind-Kovacs, Cora	Chemistry, Department of	100			
C-122077-03	Project Seed at UT 2012	No	\$9,000	\$0	\$9,000	\$9,000
6/14/12 to 9/15/12 <i>American Chemical Society</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of	100			
C-122077-04	Project Seed at UT 2013	No	\$8,250	\$0	\$8,250	\$8,250
6/10/13 to 9/15/13 <i>American Chemical Society</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of	100			
C-123079-02	Umpolung Reactivity in Stereoselective Synthesis of 2-Deoxy Glycosides and Thioglycosides	No	\$82,474	\$37,526	\$120,000	\$120,000
7/1/13 to 6/30/14 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Zhu, Jianglong	Chemistry, Department of	100			
N-123031-01	Quantitative characterization of weak interactions	No	\$125,266	\$50,670	\$175,936	\$175,936
8/15/12 to 8/14/13 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Pinkerton, A. Alan	Chemistry, Department of	100			
Co-PI	Zhurova, Elizabeth A.	Chemistry, Department of	0			
N-123076-01	SEP: Earth-abundant solar cells as a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$285,000
9/15/12 to 9/14/13 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	30			
Co-PI	Apul, Defne	Civil Engineering, Department of	15			
Co-PI	Bigioni, Terry P.	Chemistry, Department of	15			
Co-PI	Chen, Jiquan	Environmental Sciences, Department of	20			
Co-PI	Heben, Michael J.	Physics and Astronomy, Department of	20			
N-123079-01	Umpolung Reactivity in Stereoselective Synthesis of 2-Deoxy Glycosides and Thioglycosides	No	\$82,474	\$37,526	\$120,000	\$120,000
7/15/12 to 6/30/13 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Zhu, Jianglong	Chemistry, Department of	100			

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Chemistry, Department of

N-123173-01	SEP Collaborative: Alkaliphilic microalgae-based sustainable & scalable processes for renewable fuels and products	No	\$594,500	\$270,500	\$865,000	\$173,000
9/15/12 to 9/14/13 <i>National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering, Department of	40		
	Co-PI	Varanasi, Sasidhar	Chemical and Environmental Engineering, Department of	40		
	Co-PI	Yamamoto, Kana	Chemistry, Department of	20		
N-123185-01	Stereoselective Synthesis of 2-Deoxy Glycosides and Thioglycosides in Antitumor Natural Products	No	\$27,273	\$2,727	\$30,000	\$30,000
7/1/12 to 6/30/13 <i>Ohio Cancer Research Associates</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Zhu, Jianglong	Chemistry, Department of	100		
N-123207-01	New Homoleptic Rare-Earth Metal Complexes for Catalytic Hydrophosphination	No	\$100,000	\$0	\$100,000	\$100,000
1/1/13 to 12/31/13 <i>Petroleum Research Fund</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Schmidt, Joseph	Chemistry, Department of	100		
N-123528-01	Optimization of Protein Crystal Growth for Determination of Enzyme Mechanisms through Advanced Diffraction Techniques	No	\$160,000	\$40,000	\$200,000	\$100,000
5/1/13 to 4/30/14 <i>National Aeronautics and Space Administration through Center for the Advancement of Science in Space</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Schall, Constance Ann	Chemical and Environmental Engineering, Department of	25		
	Co-I	Hanson, Bryant L.	Instrumentation Center	25		
	Co-I	Mueser, Timothy	Chemistry, Department of	25		
	Co-I	Ronning, Donald	Chemistry, Department of	25		
N-123658-01	Mass Spectrometry Studies of Lipid Oxidation in Commercial Products	No	\$30,000	\$0	\$30,000	\$15,000
8/23/12 to 12/14/13 <i>Mars, Incorporated</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Hensley, Kenneth	Pathology, Department of	50		
	Co-I	Isailovic, Dragan	Chemistry, Department of	50		
N-123948-01	International Symposium on Monolayer-Protected Clusters (ISMP13)	No	\$4,744	\$0	\$4,744	\$4,744
6/15/13 to 11/30/13 <i>National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Bigioni, Terry P.	Chemistry, Department of	100		
S-121601-03-S1	REU Site Exploring Structure of Molecules and Materials	No	\$26,662	\$3,338	\$30,000	\$30,000
7/1/12 to 6/30/13 <i>National Science Foundation</i>						
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>		
	PI/PD	Mueser, Timothy	Chemistry, Department of	50		
	Co-I	Lind-Kovacs, Cora	Chemistry, Department of	50		

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Chemistry, Department of

T-123570-02	Entirely Carbohydrate Vaccine Constructs and Their Application in Probing Glycoim	No	\$207,500	\$88,953	\$296,453	\$296,453	
<i>3/5/13 to 7/31/13 National Institutes of Health</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Andreana, Peter R.	Chemistry, Department of				100
Sum of Department (Chemistry, Department of) Award Count: 13.35						\$1,643,544	

Environmental Sciences, Department of

C-109000-09	Biomonitoring of Nutritional and Environmental Stress in Plants	No	\$68,727	\$6,873	\$75,600	\$68,040	
<i>3/16/12 to 3/15/13 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-120071-05	Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Land-Lake Ecosystem Interface	No	\$454,891	\$38,012	\$492,903	\$59,148	
<i>7/1/12 to 6/30/14 National Science Foundation</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				50
	Co-PI	Becker, Richard	Environmental Sciences, Department of				12
	Co-PI	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center				13
	Co-PI	Czajkowski, Kevin Paul	Geography and Planning, Department of				12
	Co-PI	Gruden, Cyndee	Civil Engineering, Department of				13
C-120164-03	Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive Species from Multiple Pathways to Improve Management and Policy in the Great Lakes	No	\$70,250	\$31,964	\$102,214	\$51,107	
<i>9/1/12 to 8/31/14 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				50
	PI/PD	Bossenbroek, Jonathan	Lake Erie Soil and Water Research and Education Center				50
C-120735-02	Biophysical Constraints and Resource Use Limitations for Maximizing Biofuel Production	No	\$26,533	\$8,691	\$35,224	\$35,224	
<i>9/1/12 to 11/30/12 U.S. Department of Energy through University of Wisconsin - Madison</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Chen, Jiquan	Environmental Sciences, Department of				100
C-122626-02	Maumee AOC, Wolf Creek: Passive Treatment Wetland to Improve Nearshore Health and Reduce Nonpoint Source Pollutants	No	\$514,188	\$54,685	\$568,873	\$284,437	
<i>7/1/12 to 6/30/14 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

Natural Sciences & Mathematics, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Environmental Sciences, Department of

C-122726-02	Detailed Studies on Landslides in Jazan Area, Saudi Arabia: Remote Sensing and GIS Applications	No	\$16,952	\$7,713	\$24,665	\$24,665
8/1/12 to 5/30/14	Saudi Geological Survey through Western Michigan University					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Becker, Richard	Environmental Sciences, Department of	100
Stdnt Schol	Cousino, Luke Kendall	Environmental Sciences, Department of	

C-123001-02	US Egypt Cooperative Research: Evaluating Subsidence in the Nile Delta Using Radar Interferometry	No	\$21,818	\$2,182	\$24,000	\$24,000
10/1/12 to 9/30/14	National Science Foundation through Western Michigan University					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Becker, Richard	Environmental Sciences, Department of	100

N-123076-01	SEP: Earth-abundant solar cells as a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$380,000
9/15/12 to 9/14/13	National Science Foundation					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	30
Co-PI	Apul, Defne	Civil Engineering, Department of	15
Co-PI	Bigioni, Terry P.	Chemistry, Department of	15
Co-PI	Chen, Jiquan	Environmental Sciences, Department of	20
Co-PI	Heben, Michael J.	Physics and Astronomy, Department of	20

N-123169-01	Development of novel antibody-based biomarkers and assays for nutrient metabolism proteins as tools for crop improvement and stress detection	No	\$10,000	\$0	\$10,000	\$10,000
7/1/12 to 6/30/13	Ohio Plant Biotechnology Consortium					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Heckathorn, Scott Alan	Environmental Sciences, Department of	100

N-123361-01	Bathing Beach Monitoring Project, Maumee Bay State Park	No	\$9,033	\$4,110	\$13,143	\$13,143
5/21/12 to 8/31/12	U.S. Environmental Protection Agency through Ohio Department of Health					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of	100

N-123362-01	Early Bloom Mapping in Lake Erie	No	\$27,491	\$12,509	\$40,000	\$40,000
7/1/12 to 6/30/13	National Oceanic and Atmospheric Administration through University of Michigan					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Becker, Richard	Environmental Sciences, Department of	100

N-123386-01	Early Detection DNA Technology for High Risk Invasive Fish Species	No	\$418,197	\$180,725	\$598,922	\$299,461
10/1/12 to 9/30/13	U.S. Environmental Protection Agency					

<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	50
Co-I	Sigler, William	Environmental Sciences, Department of	50

Natural Sciences & Mathematics, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Environmental Sciences, Department of

N-123443-01	Evaluation of Terrestrial Condition Assessment of Restorations for Forest Service Lands	No	\$20,000	\$0	\$20,000	\$20,000
<i>9/1/12 to 10/30/13 U.S. Forest Service</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Chen, Jiquan	Environmental Sciences, Department of	100

N-123493-01	Reduction of Sediment and Bacteria Loadings to Public Beaches at Maumee Bay State Park via Enhanced Riparian Habitat	No	\$395,097	\$77,394	\$472,491	\$236,246
<i>10/1/12 to 9/30/13 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
Co-I	Rofkar, Jordan R.	Environmental Sciences, Department of	0

N-123614-01	Research Support Agreement USDA-DES-UT	No	\$8,182	\$818	\$9,000	\$9,000
<i>10/1/12 to 9/30/13 U.S. Department of Agriculture</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Fisher, Timothy G.	Environmental Sciences, Department of	100

N-123699-01	Toledo Harbor Offshore Dredging Study	No	\$21,244	\$9,666	\$30,910	\$15,455
<i>10/1/12 to 5/31/14 U.S. Army Corps of Engineers through Limno-Tech, Inc.</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of	50
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	50

N-124023-01	Quantification of fish community pre and post installation of in-stream structures and assessing improvement to ecosystem function	No	\$8,364	\$836	\$9,200	\$9,200
<i>5/22/13 to 12/31/13 U.S. Fish and Wildlife Service</i>						

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Gottgens, Johan F.	Environmental Sciences, Department of	75
Co-I	Crail, Todd	Environmental Sciences, Department of	25
Stdnt Schol	Moriarty, James P.	Environmental Sciences, Department of	

R-120735-03	Biophysical Constraints and Resource Use Limitations for Maximizing Biofuel Production	No	\$55,620	\$19,283	\$74,903	\$74,903
<i>12/1/12 to 11/30/13 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
Stdnt Schol	Taylor, Lisa M.	Environmental Sciences, Department of	

S-109000-09-S1	Biomonitoring of Nutritional and Environmental Stress in Plants	No	\$19,182	\$1,919	\$21,101	\$21,101
<i>9/18/12 to 3/15/13 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	100

Sum of Department (Environmental Sciences, Department of) Award Count: **14.72** **\$1,675,130**

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Instrumentation Center

N-123528-01	Optimization of Protein Crystal Growth for Determination of Enzyme Mechanisms through Advanced Diffraction Techniques	No	\$160,000	\$40,000	\$200,000	\$50,000
5/1/13 to 4/30/14	<i>National Aeronautics and Space Administration through Center for the Advancement of Science in Space</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Schall, Constance Ann	Chemical and Environmental Engineering, Department of	25
Co-I	Hanson, Bryant L.	Instrumentation Center	25
Co-I	Mueser, Timothy	Chemistry, Department of	25
Co-I	Ronning, Donald	Chemistry, Department of	25

N-123635-01	Small Molecule Single Crystal Structure Analysis	No	\$1,375	\$625	\$2,000	\$2,000
11/1/12 to 11/1/13	<i>BioMed Valley Discoveries, Inc.</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Kirschbaum, Kristin	Instrumentation Center	100

Sum of Department (Instrumentation Center) Award Count: **1.25** **\$52,000**

Lake Erie Soil and Water Research and Education Center

C-120071-05	Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Land-Lake Ecosystem Interface	No	\$454,891	\$38,012	\$492,903	\$310,529
7/1/12 to 6/30/14	<i>National Science Foundation</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	50
Co-PI	Becker, Richard	Environmental Sciences, Department of	12
Co-PI	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center	13
Co-PI	Czajkowski, Kevin Paul	Geography and Planning, Department of	12
Co-PI	Gruden, Cyndee	Civil Engineering, Department of	13

C-120164-03	Forecasting Spread and Bioeconomic Impacts of Aquatic Invasive Species from Multiple Pathways to Improve Management and Policy in the Great Lakes	No	\$70,250	\$31,964	\$102,214	\$51,107
9/1/12 to 8/31/14	<i>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	50
PI/PD	Bossenbroek, Jonathan	Lake Erie Soil and Water Research and Education Center	50

C-121388-04	VHS Yellow Perch Aquaculture ARS 2010	No	\$119,900	\$0	\$119,900	\$59,950
7/1/12 to 6/30/13	<i>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	50
Co-I	Leaman, Douglas W.	Biological Sciences, Department of	50

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Lake Erie Soil and Water Research and Education Center

C-121945-02	Extreme Events Impacts on Water Quality in the Great Lakes: Prediction and Management of Nutrient Loading in a Changing Climate	No	\$99,515	\$45,280	\$144,795	\$144,795	
<i>1/1/12 to 12/31/13 National Science Foundation through University of Michigan</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center				100
C-122626-02	Maumee AOC, Wolf Creek: Passive Treatment Wetland to Improve Nearshore Health and Reduce Nonpoint Source Pollutants	No	\$514,188	\$54,685	\$568,873	\$284,437	
<i>7/1/12 to 6/30/14 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-123386-01	Early Detection DNA Technology for High Risk Invasive Fish Species	No	\$418,197	\$180,725	\$598,922	\$299,461	
<i>10/1/12 to 9/30/13 U.S. Environmental Protection Agency</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				50
	Co-I	Sigler, William	Environmental Sciences, Department of				50
N-123493-01	Reduction of Sediment and Bacteria Loadings to Public Beaches at Maumee Bay State Park via Enhanced Riparian Habitat	No	\$395,097	\$77,394	\$472,491	\$236,246	
<i>10/1/12 to 9/30/13 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
	Co-I	Rofkar, Jordan R.	Environmental Sciences, Department of				0
N-123699-01	Toledo Harbor Offshore Dredging Study	No	\$21,244	\$9,666	\$30,910	\$15,455	
<i>10/1/12 to 5/31/14 U.S. Army Corps of Engineers through Limno-Tech, Inc.</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of				50
	PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Education Center				50
N-123754-01	A Rapid and Accurate DNA Test for Invasive Fish Species from Water Samples	No	\$23,000	\$0	\$23,000	\$23,000	
<i>1/1/13 to 12/31/13 National Oceanic and Atmospheric Administration through University of Michigan</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				100
N-123875-01	Using new tools to better understand and predict harmful cyanobacterial algal blooms in Lake Erie and Ohio inland lakes	No	\$6,873	\$3,127	\$10,000	\$10,000	
<i>5/1/13 to 12/31/13 Ohio Water Development Authority</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>				<u>% Credit</u>
	PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Education Center				100
Sum of Department (Lake Erie Soil and Water Research and					Award Count: 6.63		\$1,434,979

Mathematics, Department of

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Mathematics, Department of

N-123132-01	High Codimensional Mean Curvature Flow and Minimal Submanifolds	No	\$6,000	\$1,000	\$7,000	\$7,000
<i>9/1/12 to 8/31/13</i>	<i>Simons Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Tsui, Mao-Pei	Mathematics, Department of	100

N-123621-01	Ohio Workforce Accelerator Network	No	\$813,100	\$83,798	\$896,898	\$44,845
<i>1/1/13 to 12/31/13</i>	<i>Ohio Board of Regents</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Randolph, Brian W.	Civil Engineering, Department of	90
Co-I	Gordon, Terribeth R.	Administration, College of Business Innovation	5
Co-I	Hewitt, Paul R.	Mathematics, Department of	5

Sum of Department (Mathematics, Department of) Award Count: 1.05 **\$51,845**

Physics and Astronomy, Department of

C-120503-06	AAS Scientific Editor Research Stipend	No	\$10,000	\$1,000	\$11,000	\$11,000
<i>3/1/13 to 2/28/14</i>	<i>American Astronomical Society</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Federman, Steven R.	Physics and Astronomy, Department of	100

C-120755-05	Critical Research for Cost-Effective Photoelectrochemical Production of Hydrogen	No	\$41,237	\$18,763	\$60,000	\$60,000
<i>8/5/12 to 8/4/13</i>	<i>U.S. Department of Energy through Midwest Optoelectronics LLC</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Anderson, Lawrence S.	Physics and Astronomy, Department of	70
Co-I	Yan, Yanfa	Physics and Astronomy, Department of	30

C-122586-02	Herschel OT1 Combined: Beyond the Peak; Water in NGC 891	No	\$68,729	\$31,271	\$100,000	\$100,000
<i>7/1/12 to 6/30/13</i>	<i>Jet Propulsion Laboratory</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	100

C-122763-02	High Throughput CIGS Solar Cell Fabrication via Ultra-thin Absorber Layer w/Optical Confinement and (Cd, CBD)-Free Feterojunction Partner	No	\$34,364	\$15,636	\$50,000	\$50,000
<i>9/1/12 to 8/31/13</i>	<i>U.S. Department of Energy through Old Dominion Unversity Research Foundation</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of	100

C-122764-02	Novel Contact Materials for Improved Performance CdTe Solar Cells	No	\$58,419	\$26,581	\$85,000	\$85,000
<i>9/1/12 to 8/31/13</i>	<i>U.S. Department of Energy through University of Illinois at Urbana-Champaign</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of	100

C-122870-02	Theoretical Study of Lattice Defects and Transition Metal Impurities in Si	No	\$31,509	\$14,337	\$45,846	\$45,846
<i>12/20/12 to 12/19/13</i>	<i>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

Natural Sciences & Mathematics, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Physics and Astronomy, Department of

C-122893-02	Electron Microscopy Study of Photovoltaic Materials	No	\$77,778	\$20,221	\$97,999	\$97,999
12/20/12 to 12/19/13 U.S. Department of Energy through Alliance for Sustainable Energy LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
C-122935-02	Growth, Heat Treatment and Theory of CdTe Thin Films	No	\$41,237	\$18,763	\$60,000	\$60,000
2/13/13 to 11/13/13 U.S. Department of Energy through Alliance for Sustainable Energy LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
C-123307-02	Development of AZO Layers for PV Applications	No	\$49,475	\$22,511	\$71,986	\$71,986
6/1/13 to 11/30/13 ENN Solar Energy Co., Ltd						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-121359-03	The Transition from Diffuse Molecular Clouds to Dark Clouds Through Ultraviolet CO Measurements	Yes	\$83,791	\$38,125	\$121,916	\$121,916
1/1/10 to 12/31/13 National Aeronautics and Space Administration						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Federman, Steven R.	Physics and Astronomy, Department of	100			
N-122996-01	Stellar Life and Death in M83: A Hubble-Chandra Perspective	No	\$8,412	\$3,827	\$12,239	\$12,239
8/1/12 to 7/31/13 Space Telescope Science Institute						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of	100			
N-122997-01	Confirming Ultra-Cold (Teff<500K) Brown Dwarf Suspects Identified with WISE	No	\$12,371	\$5,629	\$18,000	\$18,000
9/1/12 to 8/31/13 Space Telescope Science Institute						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of	100			
N-123040-01	MRI: Acquisition of a THz Spectroscopic Ellipsometer	No	\$530,000	\$0	\$530,000	\$530,000
9/15/12 to 8/31/13 National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	100			
N-123076-01	SEP: Earth-abundant solar cells as a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$950,001
9/15/12 to 9/14/13 National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	30			
Co-PI	Apul, Defne	Civil Engineering, Department of	15			
Co-PI	Bigioni, Terry P.	Chemistry, Department of	15			
Co-PI	Chen, Jiquan	Environmental Sciences, Department of	20			
Co-PI	Heben, Michael J.	Physics and Astronomy, Department of	20			

Natural Sciences & Mathematics, College of

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Physics and Astronomy, Department of

N-123180-01	DMREF: Collaborative Research: Nitride Discovery - Creating the Knowledge Base for Hard Coating Design	No	\$103,092	\$46,908	\$150,000	\$150,000
9/1/12 to 8/31/13 <i>National Science Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Khare, Sanjay	Physics and Astronomy, Department of	100			
N-123298-01	After the Fall - Why Galaxies Die, and How	No	\$70,000	\$0	\$70,000	\$70,000
7/1/12 to 6/30/13 <i>Research Corporation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	100			
N-123307-01	Development of AZO Layers for PV Applications	No	\$87,392	\$39,763	\$127,155	\$127,155
6/1/12 to 5/31/13 <i>ENN Solar Energy Co., Ltd</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-123444-01	Completing the Census of Ultracool Brown Dwarfs in the Solar Neighborhood using HST/WFC3	No	\$228,711	\$101,788	\$330,499	\$330,499
11/1/12 to 10/31/13 <i>Space Telescope Science Institute</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of	100			
N-123552-01	Diffuse X-ray Emission From Massive Star Clusters in the Antennae	No	\$27,148	\$12,352	\$39,500	\$39,500
1/1/13 to 12/31/13 <i>NASA Marshall Space Flight Center through Smithsonian Astrophysical Observatory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of	100			
N-123752-01	Brown Dwarf and Exoplanet Weather Forecasts: Are Y Dwarfs Partly Cloudy?	No	\$226,495	\$98,505	\$325,000	\$325,000
12/26/12 to 12/31/13 <i>Jet Propulsion Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of	100			
N-123775-01	MRI: Acquisition of a THz Spectroscopic Ellipsometer	No	\$100,000	\$0	\$100,000	\$100,000
7/1/12 to 6/30/14 <i>Ohio Board of Regents</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	100			
N-123865-01	Growth, heat treatment, and theory of CdTe thin films	No	\$122,200	\$55,601	\$177,801	\$177,801
6/1/13 to 5/31/14 <i>U.S. Department of Energy through Battelle</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of	100			
N-123964-01	Origin of massive outer gas reservoirs in early-type galaxies	No	\$13,076	\$5,949	\$19,025	\$19,025
3/18/13 to 3/17/14 <i>Jet Propulsion Laboratory</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of	100			

Natural Sciences & Mathematics, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Physics and Astronomy, Department of

N-124005-01	UT Expertise for SRI/DOE Solar Energy Evolution and Diffusion Studies (SEED) Project	No	\$1,718	\$782	\$2,500	\$2,500	
4/22/13 to 7/22/13 <i>U.S. Department of Energy through SRI International</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
	PI/PD	Heben, Michael J.	Physics and Astronomy, Department of	100			
R-110005-07	REU Site: Research Experiences for Undergraduates in Physics and Astronomy at The University of Toledo	No	\$95,905	\$4,095	\$100,000	\$100,000	
5/1/13 to 4/30/14 <i>National Science Foundation</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
	PI/PD	Irving, Richard E.	Physics and Astronomy, Department of	60			
	Co-I	Kvale, Thomas J.	Physics and Astronomy, Department of	40			
R-122972-02	Transparent Back Contacts for Thin CdTe-Based Tandem Cells	No	\$103,261	\$46,984	\$150,245	\$150,245	
10/15/12 to 8/8/13 <i>U.S. Department of Energy through Lucintech, Inc.</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			
S-122296-02-S1	Ultra-high Efficiency and Lightweight Thin Film Photovoltaic Electricity for Portable, On-Demand Power for Defense Applications	No	\$37,801	\$17,199	\$55,000	\$55,000	
1/7/13 to 4/14/14 <i>Air Force Research Laboratory/VA</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
	PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of	100			
S-122296-02-S2	Ultra-high Efficiency and Lightweight Thin Film Photovoltaic Electricity for Portable, On-Demand Power for Defense Applications	No	\$60,000	\$0	\$60,000	\$60,000	
5/22/13 to 4/14/14 <i>Air Force Research Laboratory/VA</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
	PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of	100			
S-122296-02-S3	Ultra-high Efficiency and Lightweight Thin Film Photovoltaic Electricity for Portable, On-Demand Power for Defense Applications	No	\$33,300	\$0	\$33,300	\$33,300	
6/7/13 to 4/14/14 <i>Air Force Research Laboratory/VA</i>							
	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
	PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of	100			
			Sum of Department (Physics and Astronomy, Department of)	Award Count: 28.50		\$3,954,012	
			Sum of College (Natural Sciences & Mathematics, College of)	Award Count: 80.10		\$11,607,250	

Nursing, College of

Dept Award
Cash? Direct Cost Indirect Cost Total Award Credit

Nursing, College of

Nursing, College of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
N-123199-01		No	\$8,676	\$0	\$8,676	\$8,676
Rehabilitation Nurses' Experiences When an Institutionalized Older Person Falls						
<i>1/1/13 to 12/31/13</i>						
<i>Rehabilitation Nursing Foundation</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bok, Amy	Nursing, College of		100		
N-123335-01		No	\$998	\$0	\$998	\$499
Decreasing Hospitalization of Home Care Patients through a Web-based Caregiver Intervention						
<i>7/1/12 to 11/1/13</i>						
<i>Center for Community Based Care</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Steiner, Victoria	Medicine, Department of		50		
Co-I	Pierce, Linda	Nursing, College of		50		
N-123846-01		No	\$60,000	\$0	\$60,000	\$60,000
OH Innovation Partnership Choose OH First Scholarship Program						
<i>7/1/12 to 6/30/13</i>						
<i>Ohio Board of Regents</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Gaspar, Timothy M.	Nursing, College of				
Co-I	Grothaus, Kay	Nursing, College of		100		
R-121020-04		No	\$172,819	\$0	\$172,819	\$172,819
Nurse Faculty Loan Program						
<i>7/1/12 to 6/30/13</i>						
<i>Health Resources & Services Administration</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Phillips, Kelly A.	Nursing, College of		90		
Co-I	Mitchell, Kathleen M.	Nursing, College of		10		
			Sum of Department (Nursing, College of)	Award Count: 3.50		\$241,994
			Sum of College (Nursing, College of)	Award Count: 3.50		\$241,994

Other		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Administration, Enrollment and Placement Services						
C-103911-17		No	\$214,478	\$16,625	\$231,103	
UT Student Support Services						
<i>9/1/12 to 8/31/13</i>						
<i>U.S. Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Stone, Robin	Toledo Excel Program		100		
Co-I	Young, David	Administration, Enrollment and Placement Services				
Dir Ctr/Inst	Byrd, Ambershaun D.	Toledo Excel Program				
Dir Ctr/Inst	Fedor, John J.	Toledo Excel Program				
			Sum of Department (Administration, Enrollment and Placem	Award Count:		

Administration, Unspecified

Other		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Administration, Unspecified						
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	\$2,200	\$550	\$2,750	\$908
5/14/10 to 5/13/11 <i>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			
N-123579-01	Measuring Online Course Design: A Comparative Analysis	No	\$4,000	\$0	\$4,000	\$4,000
9/20/12 to 9/30/13 <i>Maryland Online</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	You, Jiyu	Administration, Unspecified	100			
Co-I	Ballard, Phoebe J.	Administration, Unspecified				
Co-I	Hochberg, Sue A.	Administration, Unspecified				
Co-I	Xiao, Mingli	Administration, Unspecified				
R-110170-06	Upward Bound Program	No	\$379,884	\$25,643	\$405,527	\$405,527
9/1/12 to 8/31/13 <i>U.S. Department of Education</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Rogers, Pamela N.	Administration, Unspecified	100			
Sum of Department (Administration, Unspecified)						Award Count: 2.33
						\$410,435
Center for Family Business						
N-123382-01	Collaboration on Curriculum, Faculty Development and Enhancing Students	No	\$208,858	\$29,240	\$238,098	\$83,334
9/25/12 to 9/24/14 <i>Embassy of the United States Tunis, Tunisia</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Sharkey, Thomas W.	Center for Family Business	35			
Co-I	Hasan, Bassam	Information Operations and Technology Management	22			
Co-I	Nandkeolyar, Udayan	Information Operations and Technology Management	22			
Co-I	Sezer, Ozcan	Finance and Business Economics, Department of	21			
Sum of Department (Center for Family Business)						Award Count: 0.35
						\$83,334
Graduate Studies, College of						
N-123084-01	The Role of Endothelial TRPC3 Channels in Atherogenesis	No	\$43,000	\$0	\$43,000	\$43,000
7/1/12 to 6/30/13 <i>American Heart Association - Great Rivers Affiliate</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Smedlund, Kathryn B.	Graduate Studies, College of	100			

Other		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Graduate Studies, College of						
N-123297-01	Simultaneous Insulin and Leptin Signaling in POMC Neurons Promotes Fertility and Metabolic Homeostasis in Male Rodents	No	\$42,232	\$0	\$42,232	\$42,232
<i>1/1/13 to 2/28/14 National Institutes of Health</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
Stdnt Schol	Faulkner, Latrice Doreen	Graduate Studies, College of	100			
N-123590-01	Payment Agreement for Mugdha Patki	No	\$10,000	\$0	\$10,000	
<i>7/1/12 to 6/30/13 Wayne State University</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of	100			
Co-I	Patki, Mugdha Rajiv	Graduate Studies, College of				
Sum of Department (Graduate Studies, College of)			Award Count: 2.00	\$85,232		
Infection Prevention & Control						
N-123725-01	I Can Prevent	No	\$42,500	\$7,500	\$50,000	\$50,000
<i>1/1/13 to 12/31/13 Association for Professionals in Infection Control & Epidemiology</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Woodman, Kristen Anne Emersor	Infection Prevention & Control	100			
Sum of Department (Infection Prevention & Control)			Award Count: 1.00	\$50,000		
Intermodal Transportation Institute						
C-120628-05	Analyzing Regional Freight Information Resources	No	\$68,729	\$31,272	\$100,001	\$30,000
<i>1/1/12 to 9/30/13 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	70			
Co-I	Martinko, Richard S.	Intermodal Transportation Institute	30			
N-123029-01	CFIRE-UTC Recompetition	No	\$68,729	\$31,271	\$100,000	\$0
<i>1/1/12 to 1/31/14 U.S. Department of Transportation through University of Wisconsin System</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Martinko, Richard S.	Intermodal Transportation Institute	0			
Co-I	Lindquist, Peter S.	Geography and Planning, Department of	90			
Co-I	Nims, Douglas K.	Civil Engineering, Department of	10			
N-123877-01	Phase I Activities Supporting Port Mann Bridge Stay Cable Ice Prevention and Removal	No	\$110,463	\$19,583	\$130,046	\$13,005
<i>3/1/13 to 2/28/14 Transportation Investment Corporation through HNTB Ohio, Inc.</i>						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Nims, Douglas K.	Civil Engineering, Department of	45			
Co-I	Martinko, Richard S.	Intermodal Transportation Institute	10			
Co-I	Ng, Tsun-Ming Terry	Mechanical, Industrial, and Manufacturing Engineering, Department of	45			
Sum of Department (Intermodal Transportation Institute)			Award Count: 0.40	\$43,005		
Office of Research and Innovation						

Other

Cash? Direct Cost Indirect Cost Total Award Dept Award Credit

Office of Research and Innovation

R-108632-10	Support of Agricultural Research of Mutual Interest	No	\$8,182	\$818	\$9,000	\$9,000
<i>10/1/11 to 9/30/12</i>	<i>U.S. Department of Agriculture</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Calzonetti, Frank	Office of Research and Innovation	100			
Sum of Department (Office of Research and Innovation)			Award Count: 1.00		\$9,000	

Provost, Executive VP Academic Affairs

R-108836-08	Camp Adventure Youth Services	No	\$26,000	\$0	\$26,000	\$26,000
<i>9/1/11 to 8/31/12</i>	<i>University of Northern Iowa</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Traband, Margaret Fitzgerald	Provost, Executive VP Academic Affairs	100			
R-122340-02	Student African American Brotherhood	No	\$205,000	\$0	\$205,000	\$205,000
<i>11/1/12 to 10/31/13</i>	<i>John S. and James L. Knight Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Grant, Brenda S.	Provost, Executive VP Academic Affairs	100			
S-122340-02-S1	Student African American Brotherhood	No	\$15,000	\$0	\$15,000	\$15,000
<i>1/31/13 to 4/30/13</i>	<i>John S. and James L. Knight Foundation</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Grant, Brenda S.	Provost, Executive VP Academic Affairs	100			
Sum of Department (Provost, Executive VP Academic Affairs)			Award Count: 3.00		\$246,000	

Safety & Health, Office

C-101007-05	First Spending Plan Hospital Funding/Regional Healthcare System Coordination for Disaster Preparedness	Yes	\$32,646	\$0	\$32,646	\$32,646
<i>7/1/11 to 6/30/12</i>	<i>Health Resources & Services Administration & Ohio Department of Health - Federal Pass-Through Funds through Hospital Council of Northwest Ohio</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Valigosky, Michael	Safety & Health, Office	50			
Co-I	Jankowski, Gary	Safety & Health, Office	50			
N-101007-01	First Spending Plan Hospital Funding	Yes	\$32,646	\$0	\$32,646	\$32,646
<i>4/15/04 to 8/31/07</i>	<i>Health Resources & Services Administration through Hospital Council of Northwest Ohio</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jankowski, Gary	Safety & Health, Office	100			
Co-I	Valigosky, Michael	Safety & Health, Office				
R-101007-02	First Spending Plan Hospital Funding	Yes	\$32,646	\$0	\$32,646	\$32,646
<i>9/1/07 to 8/8/09</i>	<i>Health Resources & Services Administration & Ohio Department of Health - Federal Pass-Through Funds through Hospital Council of Northwest Ohio</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>			
PI/PD	Jankowski, Gary	Safety & Health, Office				
PI/PD	Valigosky, Michael	Safety & Health, Office	100			

Other		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Safety & Health, Office						
R-101007-04	First Spending Plan Hospital Funding/Regional Healthcare System	Yes	\$32,646	\$0	\$32,646	\$32,646
7/1/10 to 6/30/11	Coordination for Disaster Preparedness <i>Health Resources & Services Administration & Ohio Department of Health - Federal Pass-Through Funds through Hospital Council of Northwest Ohio</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Valigosky, Michael	Safety & Health, Office		100		
Sum of Department (Safety & Health, Office)					Award Count: 4.00	\$130,584
Student Services						
R-123020-02	BuzzKill	No	\$1,500	\$500	\$2,000	\$1,000
9/1/12 to 5/31/13	<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		50		
Co-I	Blavos, Alexis A.	Student Services		50		
Sum of Department (Student Services)					Award Count: 0.50	\$1,000
Toledo Excel Program						
C-103911-17	UT Student Support Services	No	\$214,478	\$16,625	\$231,103	\$231,103
9/1/12 to 8/31/13	<i>U.S. Department of Education</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Stone, Robin	Toledo Excel Program		100		
Co-I	Young, David	Administration, Enrollment and Placement Services				
Dir Ctr/Inst	Byrd, Ambershaun D.	Toledo Excel Program				
Dir Ctr/Inst	Fedor, John J.	Toledo Excel Program				
Sum of Department (Toledo Excel Program)					Award Count: 1.00	\$231,103
Sum of College (Other)					Award Count: 15.58	\$1,289,693

Pharmacy & Pharmaceutical Sciences, College of		<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
Center for Drug Design and Development						
R-101102-05-A1	Development of Novel Inducers of Non-Apoptotic Cell Death to Target Glioblastoma	No	\$192,924	\$96,075	\$288,999	\$57,800
7/10/12 to 6/30/13	<i>National Cancer Institute</i>					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of		80		
Co-I	Erhardt, Paul W.	Center for Drug Design and Development		20		
Co-I	Mrak, Robert E.	Pathology, Department of				
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of				
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of				

Pharmacy & Pharmaceutical Sciences, College of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Sum of Department (Center for Drug Design and Developm				Award Count: 0.20		\$57,800
Medicinal and Biological Chemistry, Department of						
R-120696-04	Creation of Tools for the Study of Oxidative Damage to Nucleic Acids	No	\$206,184	\$93,816	\$300,000	\$300,000
6/1/13 to 5/31/14	National Science Foundation					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Bryant-Friedrich, Amanda C.	Medicinal and Biological Chemistry, Department of		100		
Sum of Department (Medicinal and Biological Chemistry, D				Award Count: 1.00		\$300,000
Pharmacology, Department of						
C-110246-05	The Roles of Primary Cilia in Cardiovascular System	No	\$208,271	\$91,639	\$299,910	\$299,910
8/1/12 to 7/31/14	National Institute of Diabetes, Digestive & Kidney Diseases					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Nauli, Surya M.	Pharmacology, Department of		100		
C-120815-03	Influence of Human Gene Variants on the Effects of Developmental MeHg Exposure	No	\$15,154	\$6,668	\$21,822	\$21,822
7/1/12 to 11/28/12	National Institutes of Health through University of Wisconsin - Madison					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Williams, Frederick E.	Pharmacology, Department of		100		
C-122154-03	The Role of GLT1 in the Modulation of Alcohol-Drinking Behavior in P Rats	No	\$146,475	\$72,944	\$219,419	\$197,477
5/1/13 to 4/30/14	National Institute on Alcohol Abuse and Alcoholism					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Sari, Youssef	Pharmacology, Department of		90		
Co-I	Yamamoto, Bryan K.	Neurosciences, Department of		10		
C-122995-02	Cellular function and structure of primary cilia	No	\$39,432	\$0	\$39,432	\$39,432
6/28/13 to 6/27/14	National Institutes of Health					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Mohieldin, Ashraf Mohamed	Pharmacology, Department of		100		
N-122890-01-A1	Regulation of IL-6 mediated inflammation and tissue destruction by EGCG	No	\$212,500	\$105,825	\$318,325	\$318,325
4/1/13 to 3/31/14	National Institute of Arthritis & Musculoskeletal & Skin Diseases					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Ahmed, Salah-Uddin	Pharmacology, Department of		100		
N-122982-01	Chemotherapeutic Regulation of Autoimmunity Without Overt Cytotoxicity	No	\$63,095	\$6,310	\$69,405	
7/1/12 to 6/30/13	American Heart Association - Great Rivers Affiliate					
<u>Role</u>	<u>Name</u>	<u>Department</u>		<u>% Credit</u>		
PI/PD	Quinn, Anthony	Biological Sciences, Department of		100		
Co-I	Gunning, William T.	Biochemistry & Cancer Biology, Department of				
Co-I	Hacker, Estate of Dr. Miles P.	Pharmacology, Department of				
Co-I	Koffman, Boyd	Neurology, Department of				

Pharmacy & Pharmaceutical Sciences, College of

<u>Cash?</u>	<u>Direct Cost</u>	<u>Indirect Cost</u>	<u>Total Award</u>	<u>Dept Award Credit</u>
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Pharmacology, Department of

N-122995-01	Cellular function and structure of primary cilia	No	\$39,432	\$0	\$39,432	\$39,432																							
<i>6/28/12 to 6/27/13 National Institutes of Health</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Mohieldin, Ashraf Mohamed</td> <td>Pharmacology, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Nauli, Surya M.</td> <td>Pharmacology, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Sari, Youssef</td> <td>Pharmacology, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Mohieldin, Ashraf Mohamed	Pharmacology, Department of	100	Co-I	Nauli, Surya M.	Pharmacology, Department of		Co-I	Sari, Youssef	Pharmacology, Department of													
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Mohieldin, Ashraf Mohamed	Pharmacology, Department of	100																										
Co-I	Nauli, Surya M.	Pharmacology, Department of																											
Co-I	Sari, Youssef	Pharmacology, Department of																											
N-123108-01	Ontogeny of the Phase II cytosolic sulfotransferases and adverse drug reactions	No	\$50,000	\$24,900	\$74,900	\$74,900																							
<i>9/30/12 to 8/31/13 National Institutes of Health</i>																													
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<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Liu, Ming-Cheh	Pharmacology, Department of	50																										
Co-I	Williams, Frederick E.	Pharmacology, Department of	50																										
R-101102-05-A1	Development of Novel Inducers of Non-Apoptotic Cell Death to Target Glioblastoma	No	\$192,924	\$96,075	\$288,999																								
<i>7/10/12 to 6/30/13 National Cancer Institute</i>																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Maltese, William A.</td> <td>Biochemistry & Cancer Biology, Department of</td> <td style="text-align: right;">80</td> </tr> <tr> <td>Co-I</td> <td>Erhardt, Paul W.</td> <td>Center for Drug Design and Development</td> <td style="text-align: right;">20</td> </tr> <tr> <td>Co-I</td> <td>Mrak, Robert E.</td> <td>Pathology, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Overmeyer, Jean H.</td> <td>Biochemistry & Cancer Biology, Department of</td> <td></td> </tr> <tr> <td>Co-I</td> <td>Sarver, Jeffrey G.</td> <td>Pharmacology, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of	80	Co-I	Erhardt, Paul W.	Center for Drug Design and Development	20	Co-I	Mrak, Robert E.	Pathology, Department of		Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of		Co-I	Sarver, Jeffrey G.	Pharmacology, Department of					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>																										
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of	80																										
Co-I	Erhardt, Paul W.	Center for Drug Design and Development	20																										
Co-I	Mrak, Robert E.	Pathology, Department of																											
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of																											
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of																											
Sum of Department (Pharmacology, Department of) Award Count: 6.90						\$991,298																							

Pharmacy Practice, Department of

N-123670-01	Waters Academic Grant Program	No	\$12,000	\$0	\$12,000	\$12,000											
<i>10/30/12 to 10/29/13 Waters Technologies Corporation</i>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Alexander, Kenneth S.</td> <td>Pharmacy Practice, Department of</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Co-I</td> <td>Boddu, Sai Hanuman Sagar</td> <td>Pharmacy Practice, Department of</td> <td></td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Alexander, Kenneth S.	Pharmacy Practice, Department of	100	Co-I	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>														
PI/PD	Alexander, Kenneth S.	Pharmacy Practice, Department of	100														
Co-I	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of															
N-123711-01	Motivational Interviewing in Diabetes Education and Adherence Assessment (MliDEA)	No	\$20,000	\$0	\$20,000	\$20,000											
<i>5/1/13 to 4/30/14 American Association of Diabetes Educators</i>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Serres, Michelle Lynn</td> <td>Pharmacy Practice, Department of</td> <td style="text-align: right;">50</td> </tr> <tr> <td>Co-I</td> <td>Mangan, Michelle Nicole</td> <td>Pharmacy Practice, Department of</td> <td style="text-align: right;">50</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Serres, Michelle Lynn	Pharmacy Practice, Department of	50	Co-I	Mangan, Michelle Nicole	Pharmacy Practice, Department of	50				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>														
PI/PD	Serres, Michelle Lynn	Pharmacy Practice, Department of	50														
Co-I	Mangan, Michelle Nicole	Pharmacy Practice, Department of	50														
N-123911-01	Preparation and Evaluation of a Pluronic Lecithin Organogel Containing Ricinoleic acid for the Transdermal Delivery of Ketoprofen	No	\$9,980	\$0	\$9,980	\$9,980											
<i>3/1/13 to 2/28/14 International Academy of Compounding Pharmacists</i>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Role</u></th> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Department</u></th> <th style="text-align: right;"><u>% Credit</u></th> </tr> </thead> <tbody> <tr> <td>PI/PD</td> <td>Boddu, Sai Hanuman Sagar</td> <td>Pharmacy Practice, Department of</td> <td style="text-align: right;">75</td> </tr> <tr> <td>Co-I</td> <td>Alexander, Kenneth S.</td> <td>Pharmacy Practice, Department of</td> <td style="text-align: right;">25</td> </tr> </tbody> </table>	<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>	PI/PD	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of	75	Co-I	Alexander, Kenneth S.	Pharmacy Practice, Department of	25				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>														
PI/PD	Boddu, Sai Hanuman Sagar	Pharmacy Practice, Department of	75														
Co-I	Alexander, Kenneth S.	Pharmacy Practice, Department of	25														

Pharmacy & Pharmaceutical Sciences, College of	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Sum of Department (Pharmacy Practice, Department of)			Award Count: 3.00		\$41,980
Sum of College (Pharmacy & Pharmaceutical Sciences, Co			Award Count: 11.10		\$1,391,078

University Administration	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
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Technology Corridor	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
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N-123165-01	Plasmonic Based Biomarker Scaling Technology (University Technology Validation & Start-up Fund)	No	\$50,000	\$0	\$50,000	\$0
7/23/12 to 7/23/13	Ohio Department of Development					

Role	Name	Department	% Credit
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Cameron, Brent D.	Bioengineering, Department of	60
Co-I	Kim, Dong Shik	Chemical and Environmental Engineering, Department of	40

N-123166-01-A1	Injectable Bone Cement (University Technology Validation and Start-Up Fund)	No	\$50,000	\$0	\$50,000	\$0
12/17/12 to 12/17/13	Ohio Development Services Agency					

Role	Name	Department	% Credit
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of	50
Co-I	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing Engineering, Department of	50

N-123167-01-A1	Facet Screw System	No	\$35,500	\$0	\$35,500	\$0
1/28/13 to 4/30/14	Ohio Development Services Agency					

Role	Name	Department	% Credit
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Agarwal, Anand Kumar	Bioengineering, Department of	50
Co-I	Goel, Vijay K.	Bioengineering, Department of	50

N-123325-01	Program Income - Betty Anzaldua	Yes	\$6,720	\$0	\$6,720	\$6,720
1/1/12 to 12/31/12	Multiple Sponsors					

Role	Name	Department	% Credit
PI/PD	Anzaldua, Betty M.	Technology Corridor	100

N-123577-01	PMT Thrombectomy Device	No	\$50,000	\$0	\$50,000	\$0
1/28/13 to 4/30/14	Ohio Development Services Agency					

Role	Name	Department	% Credit
PI/PD	Snider, Stephen J.	Technology Corridor	0
Co-I	Cooper, Christopher	Medicine, Department of	20
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing Engineering, Department of	80

R-109927-05	Grant Writing Services	No	\$223,907	\$10,047	\$233,954	\$233,954
6/16/12 to 6/15/15	Owens Corning					

Role	Name	Department	% Credit
PI/PD	Anzaldua, Betty M.	Technology Corridor	100

University Administration

Cash? Direct Cost Indirect Cost Total Award Dept Award
Credit

Technology Corridor

R-122896-02	Edison Technology Incubation Program	No	\$87,500	\$0	\$87,500	\$87,500
<i>5/21/12 to 6/30/13</i>	<i>Ohio Department of Development</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Waldock, Mary Jo Smith	Technology Corridor	100

S-122896-02-S1	Edison Technology Incubation Program	No	\$162,500	\$0	\$162,500	\$162,500
<i>5/21/12 to 6/30/13</i>	<i>Ohio Department of Development</i>					

<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>
PI/PD	Waldock, Mary Jo Smith	Technology Corridor	100

Sum of Department (Technology Corridor)	Award Count: 4.00	\$490,674
Sum of College (University Administration)	Award Count: 4.00	\$490,674

Grand Total:	Award Count: 465.00	\$54,694,662
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