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

Proposal #

Co-I

Co-I

Co-I

9/13/2013 4:14:08PM

Hasan, Bassam

Sezer, Ozcan

Nandkeolyar, Udayan

Public Title

Budget Period	. , ,						
Adult and Lifeld	ong Learning, College of		Cash?	Direct Cost	Indirect Cost	<u>]</u> Total Award	Dept Award Credit
Administration, Unive	ersity College					<u> </u>	
N-123253-01	Military Service Center Student Sup	pport	Yes	\$4,557	\$0	\$4,557	\$4,557
1/1/12 to 6/30/13	U.S. Department of Veterans Affairs						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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
7/1/12 to 6/30/13	U.S. Department of Education throug	gh Ohio Department of Education					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Momenee, Luanne	Administration, University College			100		
		Sum of Department (Administration	, University	College) Awar	d Count: 2.00	_	\$32,777
		Sum of College (Adult and Lifelong	Learning, Co	ollege of) Awar	rd Count: 2.00		\$32,777
	/ation, College of	Sum of College (Adult and Lifelong	Learning, Co	Ollege of) Awar	rd Count: 2.00 Indirect Cost	<u></u> 	•
Administration, Colle	ge of Business Innovation		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
	ge of Business Innovation Ohio Workforce Accelerator Network		J.	,			Dept Award Credit
Administration, Colle N-123621-01	ge of Business Innovation		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Administration, Colle N-123621-01 1/1/13 to 12/31/13	ge of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents	rk	Cash?	Direct Cost	Indirect Cost \$83,798	Total Award	
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role	ge of Business Innovation Ohio Workforce Accelerator Networ Ohio Board of Regents Name	Tk Department Civil Engineering, Department of Administration, College of Business Innovation	Cash?	Direct Cost	\$83,798 % Credit	Total Award	Dept Award Credit
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD	ge of Business Innovation Ohio Workforce Accelerator Networ Ohio Board of Regents Name Randolph, Brian W.	rk Department Civil Engineering, Department of	Cash?	Direct Cost	\$83,798 % Credit 90	Total Award	Dept Award Credit
Administration, Collection N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I	ege of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R.	Tk Department Civil Engineering, Department of Administration, College of Business Innovation	Cash?	<u>Direct Cost</u> \$813,100	\$83,798 **Credit** 90 5 5 5	Total Award	Dept Award Credit \$44,84
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I Co-I	ege of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R.	Department Civil Engineering, Department of Administration, College of Business Innovation Mathematics, Department of	Cash?	<u>Direct Cost</u> \$813,100	\$83,798 **Credit** 90 5 5 5	Total Award	Dept Award Credit \$44,845
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I Co-I	ge of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R. Hewitt, Paul R.	Department Civil Engineering, Department of Administration, College of Business Innovation Mathematics, Department of Sum of Department (Administration, Co	Cash?	<u>Direct Cost</u> \$813,100	\$83,798 **Credit** 90 5 5 5	Total Award	Dept Award Credit \$44,84: \$44,84
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I Co-I	ge of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R. Hewitt, Paul R. s Economics, Department of	Department Civil Engineering, Department of Administration, College of Business Innovation Mathematics, Department of Sum of Department (Administration, Co	Cash? No	\$813,100 \$siness In Awar	\$83,798 **Second Count: 0.05	***Total Award	Dept Award Credit
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I Co-I	ge of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R. Hewitt, Paul R. s Economics, Department of Collaboration on Curriculum, Facul	Department Civil Engineering, Department of Administration, College of Business Innovation Mathematics, Department of Sum of Department (Administration, College of Department)	Cash? No	\$813,100 \$siness In Awar	\$83,798 **Second Count: 0.05	***Total Award	Dept Award Credit \$44,845 \$44,845
Administration, Colle N-123621-01 1/1/13 to 12/31/13 Role PI/PD Co-I Co-I Co-I Finance and Busines N-123382-01	ge of Business Innovation Ohio Workforce Accelerator Network Ohio Board of Regents Name Randolph, Brian W. Gordon, Terribeth R. Hewitt, Paul R. s Economics, Department of Collaboration on Curriculum, Facul Students	Department Civil Engineering, Department of Administration, College of Business Innovation Mathematics, Department of Sum of Department (Administration, College of Department)	Cash? No	\$813,100 \$siness In Awar	\$83,798 **Second Count: 0.05	***Total Award	Dept Award Credit \$44,845 \$44,845

Information Operations and Technology Management

Information Operations and Technology Management

Finance and Business Economics, Department of

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Sum of Department (Finance and Business Economics, Dep Award Count: 0.21

22

22

21

\$50,001

Business Innov	ation, College of		Cash?	Disast Cost	Indianat Coat	-	Dept Award
			<u>Casii:</u>	<u>Direct Cost</u>	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
N-123382-01	ns and Technology Management Collaboration on Curriculum, Fac Students	culty Development and Enhancing	No	\$208,858	\$29,240	\$238,098	\$104,763
9/25/12 to 9/24/14	Embassy of the United States Tun	is, Tunisia					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Sharkey, Thomas W. Hasan, Bassam Nandkeolyar, Udayan Sezer, Ozcan	<u>Department</u> Center for Family Business Information Operations and Technology Mar Information Operations and Technology Mar Finance and Business Economics, Departm	nagement		<u>% Credit</u> 35 22 22 21		
S-123029-01-S1 1/1/12 to 12/31/13	Impact of Advanced Technologie	ities More Livable: Measuring the s through University of Wisconsin - Madison	No	\$41,237	\$18,763	·	\$18,000
Role PI/PD Co-I	<u>Name</u> Lindquist, Peter S. Vonderembse, Mark A.	<u>Department</u> Geography and Planning, Department of Information Operations and Technology Mar	nagement		<u>% Credit</u> 70 30		
S-123029-01-S2 1/1/12 to 12/31/13	Mining Automatic Identification S Trip Analysis Capabilities	through University of Wisconsin System	No	\$54,983	\$25,017	\$80,000	\$24,000
Role PI/PD Co-I	<u>Name</u> Lindquist, Peter S. Vonderembse, Mark A.	Department Geography and Planning, Department of Information Operations and Technology Mar	nagement		<u>% Credit</u> 70 30		
		Sum of Department (Information Ope	erations and Te	echnolog Awar	d Count: 1.04		\$146,763
		Sum of College (Business	Innovation, C	ollege of) Awar	rd Count: 1.30		\$241,609

Education - He	alth Science & Human Ser	vice, Judith Herb College of	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Administration, HSH	S-JHCOE						
N-123453-01	Woodrow Wilson Fellowship Scho	olarships	No	\$2,378,750	\$0	\$2,378,750	\$713,625
7/1/11 to 6/30/16	Ohio Board of Regents						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	e Center	No	\$579,370	\$50,380	\$629,750	\$629,750
7/1/12 to 6/30/13	Ohio Department of Education						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE			100		

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				Direct Cost	Indirect Cost		<u>Credit</u>
Administration, HSHS				4	***		
R-122960-02	FY12 & 13 Tech Prep Support		No	\$41,252	\$2,171	\$43,423	\$43,423
7/1/12 to 6/30/13	Ohio Department of Education						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCOE			100		
S-120544-01-S1	Improving STEM Preparation: A L	ong Term Investment - Discovery	No	\$80,900	\$0	\$80,900	\$80,90
7/4/40 t- 0/00/40	STEM Teacher Preparation	- mai Maria - maitra (Ohia)					
7/1/12 to 6/30/13	Ohio Board of Regents through Mis				0/ 0 !!!		1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Keil, Virginia L.	Administration, HSHS-JHCOE			100		
		Sum of Department (Administra	ation, HSHS-	JHCOE) Awar	d Count: 3.30		\$1,467,69
riminal Justice and	Social Work						
C-109685-05	Workforce Development		No	\$123,250	\$0	\$123,250	\$123,25
7/1/12 to 6/30/13	Administration for Children and Fai	milies through Ohio Department of Jobs and Family					
	Services	, ,					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Cluse-Tolar, Theresa S.	Criminal Justice and Social Work			100		
N-123338-01	Toledo Community Initiative to Re	educe Violence (TCIRV)	No	\$53,229	\$0	\$53,229	\$53,22
3/1/12 to 12/31/12	Toledo Police Department						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Just	ice and Soci	al Work) Awar	d Count: 2.00		\$176,47
urriculum and Instr	uction, Department of						
C-106314-14	CTE Teacher Preparation and Ret	ention	No	\$73,333	\$3,667	\$77,000	\$77,00
7/1/12 to 6/30/13	U.S. Department of Education thro						
Role	Name	Department			% Credit		
PI/PD	Hubaker, Paul	Curriculum and Instruction, Department of			100		
C-121419-03	CAREER: Teaching Practices That	at Support Fraction-Based Algorithmic	No	\$66,784	\$29,203	\$95,987	\$95,98
	Thinking						
8/1/12 to 7/31/13	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Johanning, Debra	Curriculum and Instruction, Department of			100		I

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ducation - He						Total Award	<u>Credit</u>
urriculum and Instr	uction, Department of						
N-123453-01	Woodrow Wilson Fellowship Sch	olarships	No	\$2,378,750	\$0	\$2,378,750	\$1,665,12
7/1/11 to 6/30/16	Ohio Board of Regents						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Kuschwantz to Kwanzaa Pa	rk: Using Immigrant History & Culture	No	\$16,000	\$0	\$16,000	
	for Culturally Relevant Pedagogy	in STEMM					
1/17/13 to 1/16/14	Ohio Humanities Council						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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		
	•				20		
Co-I	Michney, Todd M.	History, Department of	uction, [Departme Awar	20 d Count: 2.70		\$1,838,11
Co-l Statistician	Michney, Todd M.	History, Department of Curriculum and Instruction, Department of	uction, [Departme Awar			\$1,838,11 ²
Co-l Statistician	Michney, Todd M. Haughton, Noela A.	History, Department of Curriculum and Instruction, Department of	uction, [Departme Awar \$139,381		\$150,000	
Co-l Statistician arly Childhood, Phy	Michney, Todd M. Haughton, Noela A. sical, and Special Education	History, Department of Curriculum and Instruction, Department of			d Count: 2.70	\$150,000	\$1,838,112 \$150,000
Co-l Statistician arly Childhood, Phy C-122656-02	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project	History, Department of Curriculum and Instruction, Department of			d Count: 2.70	\$150,000	
Co-l Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru			d Count: 2.70 \$10,619	\$150,000	
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department			\$10,619	\$150,000	
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A.	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education			\$10,619 % Credit 50	\$150,000 \$15,000	\$150,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education	No	\$139,381	\$10,619 \$Credit 50 50		\$150,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F.	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into	No	\$139,381	\$10,619 \$Credit 50 50		\$150,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I C-122894-02 10/1/12 to 9/30/13	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students Higher Education (TOPS)	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into	No	\$139,381	\$10,619 \$0 Credit 50 50 \$1,111		\$150,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I C-122894-02	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students Higher Education (TOPS) U.S. Department of Education thro	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instruction) Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into	No	\$139,381	\$10,619 \$Credit 50 50		\$150,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I C-122894-02 10/1/12 to 9/30/13 Role	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students Higher Education (TOPS) U.S. Department of Education thro Name	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instruction) Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into sugh Ohio State University Department	No	\$139,381	\$10,619 \$10,619 \$Credit 50 50 \$1,111		\$150,000 \$15,000
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I C-122894-02 10/1/12 to 9/30/13 Role PI/PD	Michney, Todd M. Haughton, Noela A. sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students Higher Education (TOPS) U.S. Department of Education thro Name Devlin, Patricia	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into ugh Ohio State University Department Early Childhood, Physical, and Special Education	No	\$139,381 \$13,889	\$10,619 \$10,619 \$Credit 50 50 \$1,111 ** Credit 100	\$15,000	\$150,00 \$15,00
Co-I Statistician arly Childhood, Phy C-122656-02 1/1/13 to 12/31/13 Role PI/PD Co-I C-122894-02 10/1/12 to 9/30/13 Role PI/PD R-121261-04	Michney, Todd M. Haughton, Noela A. Sical, and Special Education The PARTNER Project U.S. Department of Education Name Dinnebeil, Laurie A. McInerney, William F. Transition Programs for Students Higher Education (TOPS) U.S. Department of Education thro Name Devlin, Patricia Career Exploration Program	History, Department of Curriculum and Instruction, Department of Sum of Department (Curriculum and Instru Department Early Childhood, Physical, and Special Education Early Childhood, Physical, and Special Education with Intellectual Disabilities into ugh Ohio State University Department Early Childhood, Physical, and Special Education	No	\$139,381 \$13,889	\$10,619 \$10,619 \$Credit 50 50 \$1,111 ** Credit 100	\$15,000	

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Educational Foundations and Leadership

Educational Foundati	ons and Leadership						
N-123585-01	for Culturally Relevant Pedagogy	rk: Using Immigrant History & Culture in STEMM	No	\$16,000	\$0	\$16,000	\$6,400
1/17/13 to 1/16/14	Ohio Humanities Council						
Role PI/PD Co-I	<u>Name</u> Hamer, Lynne M. Barden, Thomas E.	<u>Department</u> Educational Foundations and Leadership English, Department of			<u>% Credit</u> 40 20		
Co-I Co-I Statistician	McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of			20 20		
		Sum of Department (Educational Foun	dations and	Leaders Awar	d Count: 0.40		\$6,400
lealth and Recreation	n Professions						
N-123226-01	Just Ask Campaign		No	\$1,000	\$0	\$1,000	\$1,000
7/1/12 to 6/20/13	Ohio College Health Association						
Role PI/PD	<u>Name</u> Glassman, Tavis J.	Department Health and Recreation Professions			<u>% Credit</u> 100		
N-123589-01	Partners in Health Equity		No	\$28,571	\$1,429	\$30,000	\$30,000
5/23/13 to 4/30/14	Susan G. Komen for the Cure, Nort	hwest Ohio					
Role PI/PD Co-I	<u>Name</u> Thompson, Amy J. Jordan, Timothy Ray	<u>Department</u> Health and Recreation Professions Health and Recreation Professions			<u>% Credit</u> 50 50		
N-123828-01	Pathway to Breast Health	Tiourit and Troordation Troordation	No	\$0	\$25,000	\$25,000	\$25,000
2/19/13 to 1/11/14	American Cancer Society - Nationa	1		• •	, ,,,,,,	, 2,222	, .,
Role PI/PD Co-I	<u>Name</u> Jordan, Timothy Ray Thompson, Amy J.	<u>Department</u> Health and Recreation Professions Health and Recreation Professions			<u>% Credit</u> 50 50		
N-124040-01	Health Promotion Coach Agreeme	nt	No	\$70,679	\$7,068	\$77,747	\$77,747
6/1/13 to 5/31/14	Board of County (Lucas) Commissi	oners					
Role PI/PD	<u>Name</u> Boardley, Debra J.	<u>Department</u> Health and Recreation Professions			<u>% Credit</u> 100		
R-106281-14	Reducing High Risk Drinking		No	\$4,000	\$0	\$4,000	\$4,000
7/1/12 to 6/30/13	Substance Abuse and Mental Healt Alcohol and Drug Addiction Service	h Services Administration through Ohio Department s	of				
Role PI/PD	<u>Name</u> Glassman, Tavis J.	<u>Department</u> Health and Recreation Professions			% Credit 50		

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ealth and Recreation	Drofossions						
R-123020-02	BuzzKill		No	\$1,500	\$500	\$2,000	\$1,00
9/1/12 to 5/31/13	Drug Free Action Alliance		140	Ψ1,000	ΨΟΟΟ	Ψ2,000	Ψ1,00
Role	Name	Department			% Credit		
PI/PD	Glassman, Tavis J.	Health and Recreation Professions			<u>70 Grean</u> 50		
Co-I	Blavos, Alexis A.	Student Services			50		
		Sum of Department (Health and	Recreation Prof	essions) Awar	d Count: 5.50		\$138,74
inesiology, Departm	ent of						
N-123190-01	Improving Jump Landing Biomech	nanics with Real-time Feedback	No	\$2,500	\$0	\$2,500	\$2,50
8/15/12 to 7/31/13	National Athletic Trainers' Association	on					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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	\$1,00
8/15/12 to 7/31/13	National Athletic Trainers' Association	on					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Pietrosimone, Brian	Kinesiology, Department of			100		
PI/PD	Thomas Fenwick, Abbey Chris						
N-123192-01	•	nd Dynamic Postural Control Between	No	\$1,000	\$0	\$1,000	\$1,00
8/27/12 to 8/26/13	Ankle Copers and Patients with Cl National Athletic Trainers' Association	-					
Role	Name	Department			% Credit		
PI/PD	Gribble, Phillip Alexander	Kinesiology, Department of			76 Credit 100		
Stdnt Schol	Boley, Heather Ashley	Kinesiology, Department of			100		
N-123193-01		rention on Dynamic Postural Control	No	\$1,000	\$0	\$1,000	\$1,00
	and Self-Reported Ankle Impairme	•		. ,			. ,
	Instability						
8/15/12 to 8/14/13	National Athletic Trainers' Association	on					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gribble, Phillip Alexander	Kinesiology, Department of			100		
N-123261-01	An Examination of Modifiable Fact	<u> </u>	No	\$1,500	\$0	\$1,500	\$1,50
1/4/40 to 0/04/44	Control in Participants at Risk for						
4/1/12 to 3/31/14	Great Lakes Athletic Trainers' Assoc				0/ 01:4		
Role PI/PD	<u>Name</u> Gribble, Phillip Alexander	<u>Department</u> Kinesiology, Department of			<u>% Credit</u> 100		
	Grinnie Phillin Alexander	KINESIOIOOV LIEDAITMENTOT			11111		1

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Rehabilitation Sciences

Education - ne	alth Science & Human Servic	e, Judith Herb College of	<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
Rehabilitation Science	es						
N-123191-01 8/15/12 to 7/31/13	Discovering the Limits of a Jump-Lan National Athletic Trainers' Association	ding Feedback Intervention	No	\$1,000	\$0	\$1,000	
Role PI/PD PI/PD	<u>Name</u> Pietrosimone, Brian Thomas Fenwick, Abbey Christine	<u>Department</u> Kinesiology, Department of Rehabilitation Sciences			<u>% Credit</u> 100		
N-123474-01 10/1/12 to 9/30/13	Graduate Studies Consortium for List (GSCLSL) U.S. Department of Education through		No	\$87,380	\$3,620	\$91,000	\$91,000
Role PI/PD	<u>Name</u> Pakulski, Lori A.	<u>Department</u> Rehabilitation Sciences			<u>% Credit</u> 100		
		Sum of Departmen	nt (Rehabilitation S	Sciences) Awar	d Count: 1.00	•	\$91,000
		Sum of College (Education - He	ealth Science & Hui	man Serv Awar	rd Count: 22.90		\$3,895,236
Engineering, C	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Bioengineering, Depa				<u> </u>			<u> </u>
C-120151-04	Multi-faceted Approach to Modeling A	CL 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 Role Name Department % Credit PI/PD 50 Goel, Vijay K. Bioengineering, Department of 50 Co-I Demetropoulos, Constantine K. Bioengineering, Department of \$0 \$50,000 \$30,000 N-123165-01 Plasmonic Based Biomarker Scaling Technology (University Technology No \$50,000 Validation & Start-up Fund) 7/23/12 to 7/23/13 Ohio Department of Development Role % Credit Name Department PI/PD Snider, Stephen J. **Technology Corridor** Bioengineering, Department of Co-I Cameron, Brent D. 60 Co-I Kim, Dong Shik Chemical and Environmental Engineering, Department of 40 \$25,000 N-123166-01-A1 Injectable Bone Cement (University Technology Validation and Start-Up No \$50,000 \$0 \$50,000 Ohio Development Services Agency 12/17/12 to 12/17/13 Role % Credit **Name Department** PI/PD Snider, Stephen J. **Technology Corridor** 0 50 Co-I Agarwal, Anand Kumar Bioengineering, Department of Bhaduri, Sarit B. Mechanical, Industrial, and Manufacturing Engineering, Department of 50 Co-I

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<u> </u>	ollege of		Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
Bioengineering, Depa	rtment of						
N-123167-01-A1	Facet Screw System		No	\$35,500	\$0	\$35,500	\$35,500
1/28/13 to 4/30/14	Ohio Development Services Agency						
Role	<u>Name</u>	<u>Department</u>			% 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-123177-01	Simultaneous Isomerization and Rea	ctive Extraction of Biomass Sugars	No	\$212,731	\$96,793	\$309,524	\$154,762
	for High Yield Production of Ketone	Sugars					
8/1/12 to 7/31/13	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Varanasi, Sasidhar	Chemical and Environmental Engineering, Depart	tment of		50		
Co-PI	Relue, Patricia Ann	Bioengineering, Department of			50		
N-123535-01	Travel Scholarship Award for Ata Kia	pour	No	\$500	\$0	\$500	\$500
7/1/12 to 8/17/12	Force and Motion Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123572-01	Planning Grant: I/UCRC for technology	gy innovation for novel	No	\$10,455	\$1,045	\$11,500	\$11,500
	cost-reducing and qualty-enhancing	musculoskeletal therapies					
1/1/13 to 12/31/13	National Science Foundation through	University of California at San Francisco					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123683-01	Biomechanics of Inter Spinous Space	e Using the Finite Element	No	\$12,000	\$3,000	\$15,000	\$15,000
	Technique	•					
9/25/12 to 3/31/13	Terumo Medical Corporation						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123687-01	Development of a finite element mod	el of a lumbar functional spinal unit	No	\$8,000	\$2,000	\$10,000	\$10,000
	subjected to three conditions	·					
9/14/12 to 11/14/12	Intrinsic Therapeutics, Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Goel, Vijay K.	Bioengineering, Department of			100		
N-123751-01	I-Corps: Injectable Bone Graft Subst	tute Materials	No	\$45,000	\$5,000	\$50,000	
1/15/13 to 5/31/14	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Jayasuriya, Ambalangodage	Orthopaedic Surgery, Department of			100		
Co-I		Bioengineering, Department of					

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Engineering, C	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Bioengineering, Depa	artment of			<u> </u>		1000.7110.0	<u> </u>
N-124090-01	PFI: AIR Technology Translation - A Coating Technology for Polymer Imp		No	\$103,093	\$46,907	\$150,000	\$15,000
6/1/13 to 5/31/14	National Science Foundation				0/ 0 111		
Role PI/PD Co-PI	<u>Name</u> Bhaduri, Sarit B. Goel, Vijay K.	<u>Department</u> Mechanical, Industrial, and Manufacturing Engine Bioengineering, Department of	eering, De _l	partment of	<u>% Credit</u> 90 10		
S-120151-02-S1	Multi-faceted Approach to Modeling		No	\$59,644	\$27,138	\$86,782	\$86,78
1/1/11 to 4/30/11	National Institutes of Health through C			. ,	. ,	. ,	. ,
Role PI/PD Co-I	<u>Name</u> Goel, Vijay K. Demetropoulos, Constantine K.	<u>Department</u> Bioengineering, Department of Bioengineering, Department of			<u>% Credit</u> 100 0		
T-123527-01	A Dual Freeform Microplasma and Pi	rotein Printing Process for Tissue	No	\$11,366	\$5,172	\$16,538	\$16,538
	Engineering Application						
8/1/12 to 7/31/13	National Science Foundation through	-					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ayan, Halim	Bioengineering, Department of			100		
		Sum of Department (Bioengineeri	ng, Depart	tment of) Awar	d Count: 9.70		\$681,512
hemical and Enviro	nmental Engineering, Department of						
C-122655-02	Spiral Wound Module Design for CO	2 Capture	No	\$36,498	\$16,607	\$53,105	\$53,10
10/1/12 to 9/30/13	U.S. Department of Energy through M	embrane Technology & Research					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lipscomb, Glenn	Chemical and Environmental Engineering, Depart	rtment of		100		
C-122897-02	National Transit Research Consortiu	m led by the Mineta Transportation	No	\$35,368	\$10,964	\$46,332	\$20,849
	Institute						
1/1/13 to 12/31/13	U.S. Department of Transportation three	ough San Jose State University Research Foundati	on				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kim, Dong Shik	Chemical and Environmental Engineering, Depart	rtment of		45		
PI/PD	Kumar, Ashok	Civil Engineering, Department of			55		
N-123065-01 9/4/12 to 9/3/13	Topic Area of Interest (C - Materials F Processing of Next Generation Oxyg Looping Combustion U.S. Department of Energy	- ,	No	\$214,629	\$85,371	\$300,000	\$300,00
Role	Name	Department			% Credit		
PI/PD	<u>iname</u> Azad, Abdul-Majeed	Chemical and Environmental Engineering, Department	rtment of		% Credit 100		
L 1/1 D	Azau, Abuul-Majeeu	one-mical and Environmental Engineering, Depar	Tariont Of		100		

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						<u> </u>	Dept Award
Engineering, Co	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hemical and Environ	nmental Engineering, Department of						
N-123165-01	Plasmonic Based Biomarker Scaling Validation & Start-up Fund)	Technology (University Technology	No	\$50,000	\$0	\$50,000	\$20,000
7/23/12 to 7/23/13	Ohio Department of Development						
Role	Name	Department			% Credit		
PI/PD	Snider, Stephen J.	Technology Corridor			<u> 70 Orean</u> 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		oalgae-based sustainable & scalable	No	\$594,500	\$270,500	\$865,000	\$692,000
	processes for renewable fuels and p			400 1,000	4 =1 0 ,000	4000,000	400 2,000
9/15/12 to 9/14/13	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Viamajala, Sridhar	Chemical and Environmental Engineering	Department of		40		
Co-PI	Varanasi, Sasidhar	Chemical and Environmental Engineering			40		
Co-PI	Yamamoto, Kana	Chemistry, Department of	•		20		
N-123177-01	Simultaneous Isomerization and Rea	active Extraction of Biomass Sugars	No	\$212,731	\$96,793	\$309,524	\$154,76
	for High Yield Production of Ketone	Sugars					
8/1/12 to 7/31/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	No	\$10,000	\$0	\$10,000	\$10,000
	Meeting						
7/1/12 to 6/30/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering	Department of		100		
N-123308-01	Integration of Nutrient and Water Re	cycling for Sustainable Algal	No	\$1,481,376	\$249,182	\$1,730,558	\$1,730,558
	Biorefineries						
2/1/13 to 1/31/14	U.S. Department of Energy						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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
1/1/13 to 12/31/13	Ohio Department of Development thro	ough Owens Illinois, Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Coleman, Maria R.	Chemical and Environmental Engineering	Department of		100		

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<u> </u>	ollege of		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Chemical and Enviro	nmental Engineering, Department of						
N-123528-01 5/1/13 to 4/30/14	Mechanisms through Advanced I National Aeronautics and Space Ad	rowth for Determination of Enzyme Diffraction Techniques dministration through Center for the Advancem	No nent of	\$160,000	\$40,000	\$200,000	\$50,000
	Science in Space				0/ 0 111		
Role PI/PD Co-I Co-I Co-I	Name Schall, Constance Ann Hanson, Bryant L. Mueser, Timothy Ronning, Donald	<u>Department</u> Chemical and Environmental Engineerir Instrumentation Center Chemistry, Department of Chemistry, Department of	ng, Department of		<u>% Credit</u> 25 25 25 25 25		
N-123540-01		rch: Desalination for Global Water	No	\$22,679	\$10,319	\$32,998	\$32,998
5/15/13 to 5/14/14	Resources using Biofouling-Resi National Science Foundation	stant Nanocomposite Membranes					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Escobar, Isabel C.	Chemical and Environmental Engineering	ng, Department of		100		
N-123719-01 5/1/13 to 4/30/14	High-Performance Biologically In Ohio Water Development Authority	spired Membranes for Water Treatment through Ohio State University	No	\$34,959	\$0	\$34,959	\$34,959
Role PI/PD	<u>Name</u> Escobar, Isabel C.	<u>Department</u> Chemical and Environmental Engineerir	ng, Department of		<u>% Credit</u> 100		
N-123940-01 5/15/13 to 4/30/14	EAGER: A Novel Approach to Fall Embedded with AquaporinZ National Science Foundation	pricate Biomimetic Membranes	No	\$47,202	\$21,477	\$68,679	\$68,679
Role PI/PD	<u>Name</u> Escobar, Isabel C.	<u>Department</u> Chemical and Environmental Engineerir	ng, Department of		<u>% Credit</u> 100		
N-124074-01 4/1/13 to 9/30/13	Gas Separation Process Simulati Separation Generon IGS, Inc.	on: Hollow Fiber Membrane Gas	No	\$12,750	\$5,801	\$18,551	\$18,551
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lipscomb, Glenn	Chemical and Environmental Engineering	ng, Department of		100		
S-122897-02-S1	Institute	rtium led by the Mineta Transportation	No	\$74,102	\$22,972	\$97,074	\$43,683
1/1/13 to 12/31/13		through San Jose State University Research	-ounaation		0/ 0 !!!		
Role PI/PD	<u>Name</u> Kumar, Ashok	Department Civil Engineering Department of			% Credit		
IPI/PI)	Aumai, Ashok	Civil Engineering, Department of			55		1

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Civil Engineering, Department of

Engineering, C	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Civil Engineering, De	partment of						
C-120071-05	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface	-	No	\$454,891	\$38,012	\$492,903	\$64,077
7/1/12 to 6/30/14	National Science Foundation						
Role PI/PD Co-PI Co-PI Co-PI Co-PI	Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee	Department Lake Erie Soil and Water Research and Educe Environmental Sciences, Department of Lake Erie Soil and Water Research and Educe Geography and Planning, Department of Civil Engineering, Department of			% Credit 50 12 13 12 13		
C-122796-02	-	sset Management Decision Support	No	\$56,573	\$19,165	\$75,738	\$75,738
4/45/404-4/4444	Tools	through Ohio Donortonout of Transportation					
1/15/13 to 1/14/14 Role	Name	through Ohio Department of Transportation Department			% Credit		
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Department of			<u> 78 Credit</u> 100		
C-122897-02	,	rtium led by the Mineta Transportation	No	\$35,368	\$10,964	\$46,332	\$25,483
	Institute						
1/1/13 to 12/31/13		through San Jose State University Research Foun	dation				
Role PI/PD PI/PD	<u>Name</u> Kim, Dong Shik Kumar, Ashok	<u>Department</u> Chemical and Environmental Engineering, D Civil Engineering, Department of	epartment of		<u>% Credit</u> 45 55		
N-123029-01	CFIRE-UTC Recompetition	3 3 1	No	\$68,729	\$31,271	\$100,000	\$10,000
1/1/12 to 1/31/14	U.S. Department of Transportation	through University of Wisconsin System					
Role PI/PD Co-I Co-I	<u>Name</u> Martinko, Richard S. Lindquist, Peter S. Nims, Douglas K.	<u>Department</u> Intermodal Transportation Institute Geography and Planning, Department of Civil Engineering, Department of			<u>% Credit</u> 0 90 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
9/15/12 to 9/14/13	National Science Foundation						
Role PI/PD Co-PI Co-PI Co-PI Co-PI	<u>Name</u> Yan, Yanfa Apul, Defne Bigioni, Terry P. Chen, Jiquan Heben, Michael J.	Department Physics and Astronomy, Department of Civil Engineering, Department of Chemistry, Department of Environmental Sciences, Department of Physics and Astronomy, Department of			% Credit30152020		
N-123186-01	Collaborative Research: Analysi	s of Decentralized Harvested Rainwater	No	\$115,830	\$52,704	\$168,534	\$168,534
9/1/12 to 8/31/13	Systems using the Urban Water I (uWISE) Framework National Science Foundation	nfrastructure Sustainability Evaluation					
Role	Name	Department			% Credit		
PI/PD	Apul, Defne	Civil Engineering, Department of			100		

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

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Enginooring <i>Co</i>	ollogo of					-	Dept Award
Engineering, Co	Dilege of		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Civil Engineering, Dep							
N-123877-01	Phase I Activities Supporting Pol	t Mann Bridge Stay Cable Ice	No	\$110,463	\$19,583	\$130,046	\$58,521
0/4/40 t- 0/00/44	Prevention and Removal	tion through INTO Ohio Inc					
3/1/13 to 2/28/14	Transportation Investment Corpora				0/ 0 17		
Role	Name	Department			% Credit		
PI/PD Co-I	Nims, Douglas K. Martinko, Richard S.	Civil Engineering, Department of Intermodal Transportation Institute			45 10		
Co-I	Ng, Tsun-Ming Terry	Mechanical, Industrial, and Manufacturing	a Engineering De	partment of	45		
N-123895-01		By-product Monitoring Sensor for	No	\$12,462	\$0	\$12,462	\$12,462
11 120000 01	Drinking Water Treatment System	• •		Ψ12, 4 02	V	Ψ12,402	Ψ12,402
3/1/13 to 2/28/14	Nexus Technologies Co. Ltd.						
Role	Name	Department			% Credit		
PI/PD	Seo, Youngwoo	Civil Engineering, Department of			100		
R-105227-18	Radon Web Site	<u> </u>	No	\$30,000	\$0	\$30,000	\$30,000
10/1/12 to 9/30/13	U.S. Environmental Protection Age	ency through Ohio Department of Health		. ,	·	,	. ,
Role	Name	Department			% Credit		
PI/PD	Kumar, Ashok	Civil Engineering, Department of			100		
R-106736-13	The University of Toledo Pollutio		No	\$73,751	\$23,270	\$97,021	\$77,617
10/1/12 to 9/30/13	U.S. Environmental Protection Age	•		, ,, ,	, ,,	, , , ,	, ,-
Role	Name	Department			% Credit		
PI/PD	Kumar, Ashok	Civil Engineering, Department of			80		
Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and Manufacturing	g Engineering, De	partment of	20		
R-108982-12	Engineering for Migrant Students	and Teachers	No	\$38,098	\$1,905	\$40,003	\$40,003
7/1/12 to 8/31/13	U.S. Department of Education thro	ugh Ohio Department of Education					
Role	Name	Department			% Credit		
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 Managemer	t Information System	No	\$66,825	\$6,683	\$73,508	\$73,508
5/23/13 to 7/1/14	City of Toledo						
Role	Name_	<u>Department</u>			% Credit		
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	••	A = 222	A	A .	A.
S-121131-01-S3	-	ric Substances of Biofilm on Pathogen	No	\$5,000	\$1,000	\$6,000	\$6,000
5/12/12 to 9/21/12	Disinfection in Water Distribution National Science Foundation	Systems					
5/12/12 to 8/31/12		Donostroont			0/ Can dit		
Role PI/PD	Name Soo Youngwoo	Department Civil Engineering Department of			% Credit		
[17/17]	Seo, Youngwoo	Civil Engineering, Department of			100		

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Engineering, C	ollege of		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Civil Engineering, De			<u> </u>	<u>Direct Cost</u>	<u>indirect Cost</u>	<u>IOIai Awaiu</u>	Credit
S-121131-01-S4	The Role of Extracellular Polyme Disinfection in Water Distribution	ric Substances of Biofilm on Pathogen n Systems	No	\$1,374	\$625	\$1,999	\$1,999
5/31/12 to 8/31/12	National Science Foundation				0/ 0 111		1
Role PI/PD	<u>Name</u> Seo, Youngwoo	<u>Department</u> Civil Engineering, Department of			<u>% Credit</u> 100		
S-121554-02-S1		e Veteran's Glass City Skyway Cables	No	\$8,127	\$639	\$8,766	」 \$8,766
11/1/12 to 1/31/14		through Ohio Department of Transportation		¥3,: <u>=</u> :	4000	70,.00	40,.00
Role	Name	Department			% Credit		1
PI/PD	Nims, Douglas K.	Civil Engineering, Department of			100		
S-122796-02-S1	Development of Transportation A	Asset Management Decision Support	No	\$271,137	\$76,545	\$347,682	\$260,762
	Tools						
5/17/13 to 6/30/14	U.S. Department of Transportation	through Ohio Department of Transportation					,
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 Conso Institute	ortium led by the Mineta Transportation	No	\$74,102	\$22,972	\$97,074	\$53,391
1/1/13 to 12/31/13	U.S. Department of Transportation	through San Jose State University Research Four	ndation				_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kumar, Ashok	Civil Engineering, Department of			55		
Co-I	Kim, Dong Shik	Chemical and Environmental Engineering, D			45		
S-123204-01-S1	Understanding the Role of Biofil	-	No	\$6,000	\$0	\$6,000	\$6,000
5/1/13 to 8/31/13	Formation and Fate in the Water National Science Foundation	Distribution System					
Role	Name	Department			% Credit		1
PI/PD	Seo, Youngwoo	Civil Engineering, Department of			100		
[177]	CCC, roungwoo	Sum of Department (Civil Engir	neering, Depart	ment of) Awa			\$2,454,048
Electrical Engineerin	g and Computer Science, Departme	nt of					
C-121762-03	Real-Time Combat Navigation Sy	stem and Virtual Battlespace	No	\$53,697	\$24,432	\$78,129	\$78,129
5/1/12 to 4/30/13	Air Force Office of Scientific Rese	arch through University of Cincinnati					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	ce, Department	of	100		
C-122493-02	Collaborative Research: Integrat	ed Vulnerability-Reliability Modeling	No	\$93,071	\$42,347	\$135,418	\$135,418
6/1/13 to 5/31/14	and Analysis of Cyber-Physical I National Science Foundation	Power Systems					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science	ce, Department	of	100		

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Engineering	Callaga of					<u> </u>	Dept Award
Engineering	College of		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Electrical Engine	ering and Computer Science, Department						
N-123160-01	Role of Pukinje System Anatomy an	d Altered Calcium Dynamics in	No	\$70,000	\$0	\$70,000	\$70,000
7/4/40 to 6/20/4	CPVT: A Modeling Study	, i					
7/1/12 to 6/30/13		_			0/ 0		1
Role PI/PD	<u>Name</u> Deo, Makarand	<u>Department</u> Electrical Engineering and Computer Scie	noo Donartment o	:	<u>% Credit</u> 100		
N-123227-01	•	<u> </u>	No	\$30,000	\$ 0	\$30,000	\$30.000
N-123221-U1	Novel Analog Reconfigurable Resis (ReRAM) Devices for Low-Power Ex		NO	\$30,000	φυ	\$30,000	\$30,000
	Computing	treme-ocale Nearoniorphic					
8/23/12 to 10/31	. •						
Role	Name	Department			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	ence, Department of	F	100		
N-123389-01	Collaborative Research: Enhancing	Spectral Access via Directional	No	\$68,746	\$31,279	\$100,025	\$100,025
	Spectrum Sensing Employing 3D C	one Filterbanks: Interdisciplinary					
	Algorithms and Prototypes						
9/1/12 to 8/31/13	National Science Foundation						1
Role	Name	<u>Department</u>		_	% Credit		
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	·		100		
N-123391-01	EAGER: Collaborative Research: Ti	me Critical Localization in Mobile	No	\$68,729	\$31,272	\$100,001	\$100,001
9/1/12 to 8/31/1	Networks National Science Foundation						
8/1/12 to 8/31/14 Role		Donortmont			% Credit		l
PI/PD	<u>Name</u> Alam, Mansoor	<u>Department</u> Electrical Engineering and Computer Scie	ence Denartment of	F	<u> </u>		
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	•		50		
N-123411-01	I-Corps: High Density Memristive De		No	\$45,000	\$5,000	\$50,000	\$50,000
	Applications	·		,		,	,
7/1/12 to 12/31/	3 National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	ence, Department of	<u> </u>	100		
N-123417-01	Computer-Aided Assessment of Re		No	\$48,110	\$21,890	\$70,000	\$70,000
	Commercial Environments - Phase	II					
8/13/12 to 8/12/	3 Wind Energy Corporation						1
Role	Name	Department		•	% Credit		
PI/PD Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science Electrical Engineering Electrical Electrical Engineering Electrical Electrical Electrical Engineering Electrical El			50 50		
N-123423-01	King, Roger J. I-Corps: A Compact Low-Cost Wire		No	\$45,000	\$5,000	\$50,000	\$50,000
14-123423-01	Range Communications	Antenna Array for Dedicated Short	NO	\$45,000	φ 5,000	\$50,000	φου,υυ υ
	<u> </u>						
7/1/12 to 12/31/	2 National Science Foundation						
7/1/12 to 12/31/ Role	2 National Science Foundation Name	Department			% Credit		

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						<u></u>	Dept Award
Engineering, Co	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Electrical Engineering	and Computer Science, Department	of					
N-123485-01	CAREER: Novel Nanoelectronic Re	econfigurable Synaptic Memory	No	\$282,419	\$117,581	\$400,000	\$400,000
	Devices						
1/15/13 to 12/31/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	·		100		
N-123521-01	Control and Optimization of Therm		No	\$12,852	\$5,848	\$18,700	\$18,700
0/4/40 to 40/04/40	Buildings Including Geothermal Re	sources - Phase 1					
9/1/12 to 12/31/12	Greensleeves LLC	D 1 1			0/ 0 1:4		
Role PI/PD	Name	Department	aa Damantusant af		% Credit		
	Wang, Lingfeng	Electrical Engineering and Computer Science	•	****	100	* 50.000	* 05.000
N-123546-01	Development of Mobile Integration and Lot Traceability for Automotive		No	\$34,364	\$15,636	\$50,000	\$25,000
8/15/12 to 5/14/13	Pilkington North America	Plants					
Role	Name	Department			% Credit		
PI/PD	Acosta, William F.	Engineering Technology, Department of			<u>70 Orean</u> 50		
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	ce, Department of		50		
N-123709-01	Control and Optimization of Therm		No	\$12,923	\$5,880	\$18,803	\$18,803
	Buildings Including Geothermal Re	sources - Phase 2					
1/1/13 to 4/30/13	Greensleeves LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science	ce, Department of		100		
N-123993-01	•	al Energy Transfer System Including	No	\$12,912	\$5,875	\$18,787	\$18,787
	Geothermal Resources - Part 3						
5/1/13 to 8/31/13	Greensleeves LLC						
Role	Name	<u>Department</u>	5		% Credit		
PI/PD	Wang, Lingfeng	Electrical Engineering and Computer Science	•		100	****	
R-123245-02	NSF IPA Assignment - Min Song		No	\$222,799	\$0	\$222,799	\$222,799
10/12/12 to 10/11/13	National Science Foundation					1	
Role	Name	<u>Department</u>	5		% Credit		
PI/PD Co-PI	Alam, Mansoor	Electrical Engineering and Computer Science	•		100 0		
S-121555-01-S1	Song, Min New Methodologies for System-Lev	Electrical Engineering and Computer Science	No	\$10,000	\$0	\$10,000	\$10,000
3-121000-01-01	(EMC) Analysis of Electronic System		NO	\$ 10,000	ΨU	\$ 1U,UUU	\$10,000
6/13/13 to 8/31/14	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	ce, Department of		100		
	· / J-/ · · ·	J p					

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	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
ectrical Engineering	and Computer Science, Department o	of					
S-122468-01-S2 2/28/13 to 9/30/13	BRIGE: Transition Metal Oxide Base Memristor Devices National Science Foundation	ed Multifunctional Nanoelectronic	No	\$34,000	\$0	\$34,000	\$34,00
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	ce, Department of	f	100		
S-122468-01-S3	BRIGE: Transition Metal Oxide Base	ed Multifunctional Nanoelectronic	No	\$16,000	\$0	\$16,000	\$16,00
	Memristor Devices						
5/15/13 to 9/30/13	National Science Foundation						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science	· ·		100		
Stdnt Schol	Gillespie, Gabrielle Faith	Electrical Engineering and Computer Science					
Stdnt Schol	Sara, Joseph Laith	Electrical Engineering and Computer Science	ce, Department of	<u> </u>			
S-123485-01-S1	CAREER: Novel Nanoelectronic Re	configurable Synaptic Memory	No	\$16,000	\$0	\$16,000	\$16,00
	Devices						
5/15/13 to 12/31/13	National Science Foundation						1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Jha, Rashmi	Electrical Engineering and Computer Science			100		
Stdnt Schol	Alexander, Kaitlyn N.	Electrical Engineering and Computer Science					
Stdnt Schol	Ciccone, Albert Joseph	Electrical Engineering and Computer Science					
Г-123470-01	CAREER: Distributed Broadcasting	Protocols for Multi-Channel and	No	\$78,703	\$35,810	\$114,513	\$114,51
0////0// /0//0///0	Multi-Rate Ad Hoc Mesh Networks						
8/1/12 to 12/31/13	National Science Foundation						1
<u>Role</u>	<u>Name</u>	<u>Department</u>		_	% Credit		
PI/PD	Song, Min	Electrical Engineering and Computer Science	ce, Department of	<u> </u>	100		
		Sum of Department (Electrical Engin	eering and Com	outer S Awar	rd Count: 19.50		\$1,578,17
ngineering Technolo	agy Denartment of						
N-123546-01	Development of Mobile Integration v	with Auto Aftermarket eCommerce	No	\$34,364	\$15,636	\$50,000	\$25,00
1 1200-10 01	and Lot Traceability for Automotive			40 4,004	Ψ10,000	Ψου,υυυ	Ψ20,00
3/15/12 to 5/14/13	Pilkington North America	· will					
Role	Name	Department			% Credit		1
PI/PD	Acosta, William F.	Engineering Technology, Department of			50		
Co-I	Devabhaktuni, Vijay Kumar	Electrical Engineering and Computer Science	ce, Department of	F	50		
S-122796-02-S1	Development of Transportation Asse		No	\$271,137	\$76,545	\$347,682	\$86,92°
	Tools			, ,	, ,,,	, , , , , ,	, , .
E/17/12 to 6/20/14		rough Ohio Department of Transportation					
0/17/13 (0 0/30/14	News	Department			% Credit		
	Name						
Role		· · · · · · · · · · · · · · · · · · ·			75		
5/17/13 to 6/30/14 Role PI/PD Co-I	<u>Name</u> Chou, Eddie Yein-Juin Sun, Weiqing	Civil Engineering, Department of Engineering Technology, Department of			75 25		

Engineering, Co	ollege of		0	-		-	Dept Award
			<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	<u>Total Award</u>	Credit
	II, and Manufacturing Engineering	-		407.100	40.010	410 = 10	A 10 T 10
C-119911-06	Turbomachinery Computation	· · ·	No	\$37,100	\$9,646	\$46,746	\$46,746
6/1/12 to 9/30/12		Center at Lewis Field through Vantage Partners,	LLC				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing	0 0 0 -	•	100	4== ===	
C-119911-07	Turbomachinery Computation	· •	No	\$56,814	\$22,716	\$79,530	\$79,530
10/1/12 to 3/31/13	NASA John H. Glenn Research	Center at Lewis Field through Vantage Partners, I	LLC				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturin	g Engineering, De	partment of	100		
C-119940-03		and Probabilistic Analysis Tools for High	No	\$183,967	\$38,375	\$222,342	\$222,342
	Temperature Composites						
9/13/12 to 9/30/13	NASA John H. Glenn Research						
Role	<u>Name</u>	<u>Department</u>		_	% Credit		
PI/PD	Mital, Subodh K.	Mechanical, Industrial, and Manufacturin	• •	•	100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturin					
C-119941-02	•	nography and Digital Radiography for	Yes	\$92,604	\$42,135	\$134,739	\$134,739
4/4/40/ 0/00/40	Aerospace Materials and Facil	•					
1/1/13 to 9/30/13	NASA John H. Glenn Research						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin		•	400		
Co-I	Rauser, Richard W.	Mechanical, Industrial, and Manufacturin		-	100		****
C-119973-02	-	tructure-Property Correlation in	Yes	\$183,205	\$83,358	\$266,564	\$266,564
	•	laterials Developed for Improved Material					
8/31/12 to 8/30/13	Performance	Contar at Lawin Field					
	NASA John H. Glenn Research				0/ 0		
Role PI/PD	Name	Department	- Fii D-		% Credit		
Co-l	Garg, Anita Keith, Theo G.	Mechanical, Industrial, and Manufacturin Mechanical, Industrial, and Manufacturin	• •	•	100		
C-119977-02	· · · · · · · · · · · · · · · · · · ·	s in Advanced Propulsion and Power	y Engineering, De	•	\$74 220	\$227,804	\$227,804
C-1199//-02	Systems for Aeronautic and Sp	•	ies	\$156,566	\$71,238	Ψ221,004	\$221,0U4
8/31/12 to 8/30/13	NASA John H. Glenn Research	•					
Role	Name	Department			% Credit		
PI/PD	Locci, Ivan E.	Mechanical, Industrial, and Manufacturing	a Engineering De	nartment of	70 <u>010011</u> 100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing		•	100		
C-119981-06	<u> </u>	ell Technology for High Power Density	Yes	\$270,889	\$123,255	\$394,143	\$394,143
	Aeronautic and Space Applica			7=.0,000	Ţ.20,200	7.5.,	, , , , , , , , , , , , , , , , , , ,
10/1/12 to 8/30/13	NASA John H. Glenn Research						
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturin	a Engineering. De	partment of	100		

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Engineering, Co	ollege of		Cash?	Direct Cost	Indirect Coet	_	Dept Award
	I, and Manufacturing Engineering,	Department of	<u>Casii:</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
C-119982-02		ce Components and Advanced Materials	Yes	\$190,866	\$86,844	\$277,711	\$277,711
9/11/12 to 9/30/13	NASA John H. Glenn Research C	•		V 100,000	400,011	V =,	4- ,
Role	Nam <u>e</u>	Department			% Credit		
PI/PD	Pawlik, Ralph James	Mechanical, Industrial, and Manufacturing	Engineering, De	partment of	100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing					
Co-I	Zima, John D.	Mechanical, Industrial, and Manufacturing		-			
C-119984-02	Smart Damping for Turbomachi		Yes	\$70,179	\$31,932	\$102,111	\$102,111
10/24/12 to 9/30/13	NASA John H. Glenn Research (Center at Lewis Field					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing			100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing			*==		****
C-121928-03	Fatigue Behavior and Modeling	of Polymeric Materials	No	\$116,735	\$53,114	\$169,849	\$169,849
5/15/12 to 5/14/13	General Motors						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing			100		
C-123424-02	In-house Advanced Stirling Res		No	\$13,396	\$3,483	\$16,879	\$16,879
10/1/12 to 12/31/12	NASA John H. Glenn Research C	enter at Lewis Field through Vantage Partners, LL	LC				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing	Engineering, De	partment of	100		
N-119941-01		ography and Digital Radiography for	Yes	\$93,569	\$41,170	\$134,739	\$134,739
4/4/00/	Aerospace Materials and Facilit	•					
1/1/08 to 12/31/12	NASA John H. Glenn Research C	_					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Rauser, Richard W.	Mechanical, Industrial, and Manufacturing	•	•	100		
Co-I	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing			****	\$200 F04	**************************************
N-119973-01	Microstructural Analysis and St	terials Developed for Improved Material	Yes	\$185,114	\$81,450	\$266,564	\$266,564
	Performance	teriais Developed for improved material					
8/31/07 to 8/30/12	NASA John H. Glenn Research C	Center at Lewis Field					
Role	Name	Department			% Credit		
PI/PD	Garg, Anita	Mechanical, Industrial, and Manufacturing	Engineering, De	partment of	100		
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing			0		
N-119977-01		in Advanced Propulsion and Power	Yes	\$158,197	\$69,607	\$227,804	\$227,804
	Systems for Aeronautic and Spa	•		•		·	
8/31/07 to 8/30/12	NASA John H. Glenn Research (
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Locci, Ivan E.	Mechanical, Industrial, and Manufacturing			100		
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing	Engineering, De	partment of			

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Engineering Co	llogo of					<u></u>	ept Award
Engineering, Co	niege oi		<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
Mechanical, Industrial,	, and Manufacturing Engineering, D	Department of					
N-119981-01		Technology for High Power Density	Yes	\$115,269	\$50,718	\$165,987	\$165,987
	Aeronautic and Space Applicatio						
10/3/07 to 10/2/11	NASA John H. Glenn Research Ce						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Cable, Thomas L.	Mechanical, Industrial, and Manufacturing E	•	•	100		
Co-PI	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E		-	401.070	40	A
N-119982-01		e Components and Advanced Materials	Yes	\$192,855	\$84,856	\$277,711	\$277,711
9/11/07 to 9/10/12	NASA John H. Glenn Research Ce						
Role	Name Name	<u>Department</u>			% Credit		
PI/PD	Pawlik, Ralph James	Mechanical, Industrial, and Manufacturing E		-	100	•	
N-119983-01	-	ysis Tools for Aerospace Propulsion	Yes	\$162,557	\$71,525	\$234,081	\$234,081
44/4/07 4- 0/20/42	Application	onto anti purio Field					
11/1/07 to 8/30/13	NASA John H. Glenn Research Ce	_			0/ 0 17		
Role	Name	<u>Department</u>			% Credit		
PI/PD	Reddy, Tondapu S.	Mechanical, Industrial, and Manufacturing E	0	•	100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E		•	£24.004	£400 444	¢400 444
N-119984-01	Smart Damping for Turbomachin		Yes	\$70,910	\$31,201	\$102,111	\$102,111
10/25/07 to 10/24/12	NASA John H. Glenn Research Ce	_					
Role	<u>Name</u>	<u>Department</u>		_	% Credit		
PI/PD	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing E			100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E		-			
N-120174-01	Advanced Aerospace Seals Rese		Yes	\$237,954	\$104,700	\$342,653	\$342,653
9/1/07 to 11/30/12	NASA John H. Glenn Research Ce	enter at Lewis Field through University of Akron					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Taylor, Shawn	Mechanical, Industrial, and Manufacturing E			100		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	-				
N-120176-01	Advanced Aerospace Seals Rese		Yes	\$237,954	\$104,700	\$342,653	\$342,653
12/1/07 to 11/30/12	NASA John H. Glenn Research Ce	enter at Lewis Field through University of Akron					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Demange, Jeffrey J.	Mechanical, Industrial, and Manufacturing E	0	•	95		
Co-I	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	ingineering, De	•	5		
N-120567-01	<u> </u>	est Aluminum for Structural Durability	Yes	\$20,833	\$9,167	\$30,000	\$30,000
3/1/08 to 5/8/09	General Motors						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	100		
N-122834-01	Relating FTS Catalyst Properties	to Performance	Yes	\$131,739	\$59,941	\$191,681	\$191,681
6/23/11 to 10/31/13	NASA John H. Glenn Research Ce	enter at Lewis Field through University of Kentucky	/				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		

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Engineering, Co	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
lechanical, Industrial,	, and Manufacturing Engineering, D	epartment 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 Age	ncy					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gan, Yong X.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
N-123166-01-A1	Injectable Bone Cement (Univers	ty Technology Validation and Start-Up	No	\$50,000	\$0	\$50,000	\$25,000
	Fund)						
12/17/1 <u>2 to 12/17/13</u>	Ohio Development Services Agend	ry .					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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 E			50		
N-123294-01	Strain-Controlled Fatigue Perform	nance for Design Optimization	No	\$28,866	\$13,134	\$42,000	\$42,000
5/1/12 to 12/31/13	American Iron and Steel Institute						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
N-123300-01	Evaluation of Atomized Droplet S	ize of Shaft Mounted Slinger Fuel	No	\$6,873	\$3,127	\$10,000	\$10,000
	Injectors						
3/29/12 to 6/29/12	Teledyne						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
N-123424-01	In-house Advanced Stirling Rese	arch and Development	No	\$30,263	\$9,843	\$40,106	\$40,106
7/1/12 to 9/30/12	NASA John H. Glenn Research Ce	nter at Lewis Field through Vantage Partners, LLC	С				
Role	Name	Department			% Credit		
PI/PD	Hixon, Duane	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
N-123427-01	Development of Advanced Comp	utational Tools for the Simulation of	No	\$73,574	\$15,241	\$88,815	\$88,815
	Multistage Turbomachinery in Su	pport of Aeropropulsion					
6/1/12 to 9/30/12	NASA John H. Glenn Research Ce	nter at Lewis Field through Vantage Partners, LLC	С				
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
Co-I	Mulac, Richard	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of			
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of			
N-123429-01	Support of EES Space Act Agree	ment (Mechanical Engineering)	No	\$6,208	\$1,304	\$7,512	\$7,512
6/1/12 to 7/31/12	NASA John H. Glenn Research Ce	nter at Lewis Field through Vantage Partners, LLC	С				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
Co-I	Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of			

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Engineering, Co	allege of		Cook?	D: 10 1			Dept Award
	I, and Manufacturing Engineering, De	partment of	<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
N-123430-01	URANS Calculations to Support NA		No	\$15,652	\$3,255	\$18,907	\$18,907
6/1/12 to 9/30/12	NASA John H. Glenn Research Cen	er at Lewis Field through Vantage Partners, LLC	0				
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of			
N-123477-01	M525 MR Hover Capabilities Risk R	eduction	No	\$34,365	\$15,635	\$50,000	\$50,000
9/1/12 to 12/31/12	Bell Helicopter						
Role	Name	Department			% Credit		
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	100		
N-123500-01	Airframe Lift and Drag Optimization		No	\$34,364	\$15,363	\$49,727	\$49,727
7/20/12 to 11/30/12	U.S. Department of the Army through			, ,	. ,	. ,	. ,
Role	Name	Department			% Credit		
PI/PD	Sheng, Chunhua	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	100		
N-123530-01	Strengthening of Glass Articles		No	\$85,131	\$38,735	\$123,866	\$123,866
8/1/12 to 10/31/13	Libbey, Inc.			, , .	, ,	, ,,,,,,,	, ,,,,,,,
Role	Name	<u>Department</u>			% Credit		
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing E	naineerina. De	partment of	100		
N-123577-01	PMT Thrombectomy Device		No	\$50,000	\$0	\$50,000	\$40,000
1/28/13 to 4/30/14	Ohio Development Services Agency			400,000	•	400,000	4 10,000
Role	Name	Department			% Credit		
PI/PD	Snider, Stephen J.	Technology Corridor			<u>70 Great</u> 0		
Co-I	Cooper, Christopher	Medicine, Department of			20		
Co-I	Elahinia, Mohammad	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	80		
N-123603-01	Flywheel System Model for Wright-	Patterson AF Base HESM Project	No	\$9,758	\$2,076	\$11,834	\$11,834
	Data	•					
10/1/12 to 12/28/12	National Aeronautics and Space Adn	ninistration through Vantage Partners, LLC					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	100		
N-123604-01	Multistage Turbomachinery Advance	ed Computational Tool Development	No	\$110,970	\$23,135	\$134,105	\$134,105
10/1/12 to 3/31/13	NASA John H. Glenn Research Cent	ter at Lewis Field through Vantage Partners, LL0	C				
Role	Name	Department			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
Co-I	Mulac, Richard	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of			
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of			
N-123605-01	URANS Calculations to Support NA	SA SRW-VSPT	No	\$49,364	\$10,370	\$59,734	\$59,734
10/1/12 to 9/30/13	NASA John H. Glenn Research Cent	ter at Lewis Field through Vantage Partners, LL0					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E			100		
Co-I	To, Wai-Ming	Mechanical, Industrial, and Manufacturing E	Ingineering, De	partment of			

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Engineering, Co	ollege of		Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
	I, and Manufacturing Engineering, D	enartment of	<u> </u>	<u>Direct Cost</u>	<u>indirect Cost</u>	<u> 10lai Awaiu</u>	Credit
N-123610-01	Mechanical Behavior of Polymers	-	No	\$168,385	\$76,615	\$245,000	\$245,000
10/15/12 to 10/14/13	•	·				. ,	,
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufactu	ring Engineering, De	partment of	100		
N-123622-01	Seamless Transition from Acaden	nia to Real-world (STAR): A	No	\$17,182	\$7,818	\$25,000	\$25,000
	Collaborative Partnership to Prod						
1/1/13 to 4/30/14	National Science Foundation through	•					
Role	Name Koman Maniah	Department	da a Facilita ada a Da		% Credit		
PI/PD	Kumar, Manish	Mechanical, Industrial, and Manufactu		•	100	\$5.040	65.040
N-123676-01 2/12/13 to 5/1/13	Sensor Resource Management Missile Defense Agency through Un	air caraity of Cinainnati	No	\$3,882	\$1,766	\$5,648	\$5,648
	<u> </u>	•			0/ Cradit		
Role PI/PD	<u>Name</u> Kumar. Manish	<u>Department</u> Mechanical, Industrial, and Manufactu	ring Engineering De	nartment of	<u>% Credit</u> 100		
N-123710-01	Fatigue Behavior of TATA AMS 63		No	\$9,622	\$4,378	\$14,000	\$14,000
N-1237 10-01	Carpenter Pyrowear 53 (Task 4)	oo oteer and companson with	140	Ψ3,022	Ψ4,570	Ψ1-7,000	Ψ1-7,000
9/15/12 to 12/15/12	Pratt & Whitney Division						
Role	Name	Department			% Credit		
PI/PD	Fatemi, Ali	Mechanical, Industrial, and Manufactu	ring Engineering, De	partment of	100		
N-123734-01	Advanced Aerospace Seals Resea	rch	No	\$268,954	\$56,785	\$325,739	\$325,739
12/1/12 to 9/30/13	NASA John H. Glenn Research Ce	nter at Lewis Field through University of Akr	on				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	ring Engineering, De	partment of	100		
N-123764-01	G6 Flywheel Bearing Design and		No	\$9,490	\$2,022	\$11,512	\$11,512
1/1/13 to 3/29/13	NASA John H. Glenn Research Ce	nter at Lewis Field through Vantage Partner	s, LLC				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu		-	100		
N-123765-01	CFD Consortium Feasibility Study		No	\$5,756	\$1,212	\$6,968	\$6,968
11/28/12 to 1/31/13		nter at Lewis Field through Vantage Partner	s, LLC				
Role	Name	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufactu	<u> </u>		100	2422.242	A=0 =04
N-123877-01	Phase I Activities Supporting Port Prevention and Removal	Mann Bridge Stay Cable Ice	No	\$110,463	\$19,583	\$130,046	\$58,521
3/1/13 to 2/28/14	Transportation Investment Corpora	tion through HNTB Ohio. Inc.					
Role	Name	Department Department			% Credit		
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 Manufactu	ring Engineering, De	partment of	45		

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Engineering, C	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Mechanical. Industria	al, and Manufacturing Engineering, De	epartment of		<u> </u>			<u> </u>
N-124018-01	Women in Science Day of Meeting		No	\$5,000	\$0	\$5,000	\$5,000
4/1/13 to 3/31/14	Ohio Space Grant Consortium						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Berhan, Lesley	Mechanical, Industrial, and Manufacturing E	Engineering, De	partment of	100		
N-124062-01	Vehicle Systems Safety Technolog	ies	No	\$20,481	\$4,275	\$24,756	\$24,756
6/1/13 to 9/30/13	NASA John H. Glenn Research Cer	ter at Lewis Field through Vantage Partners, LL0	0				_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	ngineering, De	partment of	100		
N-124090-01		A Microwave Assisted Biomimetic	No	\$103,093	\$46,907	\$150,000	\$135,000
	Coating Technology for Polymer In	nplants					
6/1/13 to 5/31/14	National Science Foundation						1
Role	Name	<u>Department</u>			% Credit		
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and Manufacturing E	ngineering, De	epartment of	90		
Co-PI	Goel, Vijay K.	Bioengineering, Department of	Na	670 754	10	¢07.004	640.404
R-106736-13	The University of Toledo Pollution	•	No	\$73,751	\$23,270	\$97,021	\$19,404
10/1/12 to 9/30/13	U.S. Environmental Protection Agen				2/ 0 !!!		1
Role	Name	<u>Department</u>			% Credit		
PI/PD Co-I	Kumar, Ashok	Civil Engineering, Department of Mechanical, Industrial, and Manufacturing E	Enginooring Do	nortment of	80 20		
S-119911-07-S1	Franchetti, Matthew J. Turbomachinery Computational Action		No			\$80,443	\$00 443
	•	• •		\$61,698	\$18,745	\$60,443	\$80,443
4/1/13 to 9/30/13		ter at Lewis Field through Vantage Partners, LLC	<u> </u>		0/ One dit		1
Role PI/PD	<u>Name</u> Hixon, Duane	Department Machanical Industrial and Manufacturing F	Enginooring Do	nortment of	<u>% Credit</u> 100		
		Mechanical, Industrial, and Manufacturing E	<u> </u>	<u> </u>		\$4.607.4E7	\$4 CO7 4E7
S-122124-01-S1		nology To Helicopter Transmissions	No	\$1,333,275	\$274,182	\$1,607,457	\$1,607,457
9/1/10 to 6/5/15	U.S. Department of the Army throug	·			0/ One dit		1
Role PI/PD	<u>Name</u> Afjeh, Abdollah A.	Department Machanical Industrial and Manufacturing F	Enginooring Do	nortment of	<u>% Credit</u> 100		
S-123429-01-S1	Support of EES Space Act Agreem	Mechanical, Industrial, and Manufacturing E	No	•		\$7,511	」 \$7,511
8/1/12 to 9/30/12		ent (Mechanical Engineering) hter at Lewis Field through Vantage Partners, LLC		\$6,207	\$1,304	Φ7,511	⊅ 7,511
			<i>-</i>		0/ One dit		1
Role PI/PD	Name Kaith Theo C	Department Machanical Industrial and Manufacturing F	- - - - - - - - - - - - - - - - - - -	nortment of	% Credit		
Co-I	Keith, Theo G. Duffy, Kirsten P.	Mechanical, Industrial, and Manufacturing E Mechanical, Industrial, and Manufacturing E			100		
S-123604-01-S1		ced Computational Tool Development	No	\$111,832	\$23,315	\$135,147	」 \$135,147
4/1/13 to 9/30/13	•	iter at Lewis Field through Vantage Partners, LLC		Ψ111,002	Ψ20,010	ψ100,147	ψ100,147
Role	Name	Department			% Credit		1
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing E	naineerina De	partment of	78 Credit		

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Engineering, C	ollege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Mechanical, Industria	al, and Manufacturing Engineering, D	Department of					
S-123764-01-S1	G6 Flywheel Bearing Design and	Analysis	No	\$19,425	\$4,140	\$23,565	\$23,565
4/1/13 to 9/30/13	NASA John H. Glenn Research Ce	enter at Lewis Field through Vantage Partners, LLC					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Keith, Theo G.	Mechanical, Industrial, and Manufacturing Er	ngineering, De	partment of	100		
		Sum of Department (Mechanical, Ind	ustrial, and M	anufactu Awa	rd Count: 51.85		\$7,701,678
		Sum of College (E	ngineering, C	ollege of) Awa	rd Count: 115.03		\$16,072,478
Languages Lit	erature and Social Scienc	es College of	Cash 2	5: 40 4			Dept Award
		es, conege of	Cash?	<u>Direct Cost</u>	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
Economics, Departm		of Figure I Transportation of Chinale	Na	£407.774	#C 700	¢404 474	6404 474
C-122840-02	Provincial Level	of Fiscal Transparency at China's	No	\$127,771	\$6,700	\$134,471	\$134,471
8/1/12 to 7/31/14	Ford Foundation						
Role	Name	Department			% Credit		1
PI/PD	Chang, Gene Hsin	Economics, Department of			100		
		Sum of Department (Econ	omics, Depar	tment of) Awa	rd Count: 1.00		\$134,471
English, Department	of		-				
N-123585-01	From Kuschwantz to Kwanzaa Pa	rk: Using Immigrant History & Culture	No	\$16,000	\$0	\$16,000	\$3,200
	for Culturally Relevant Pedagogy	in STEMM					
1/17/13 to 1/16/14	Ohio Humanities Council						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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			nd 0		***
		Sum of Department (E	ngiisn, Depar	tment or) Awa	rd Count: 0.20		\$3,200
Foreign Languages,	•			44.575	A / 2 =	A-	A-
C-119920-08	Student Teacher Assistants		No	\$4,950	\$495	\$5,445	\$5,445
4/1/13 to 3/31/14	Japanese School of Toledo				0/ 0 !!!		1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hara, Joseph	Foreign Languages, Department of			100		
Stdnt Schol	Kondo, Airi	Foreign Languages, Department of					I

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anguagoo, Enc	erature and Social Science	es, conege of	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
oreign Languages, D	epartment of						
N-123656-01 4/29/13 to 2/28/14	STARTALK CHELER Program for administrators National Security Agency	Chinese heritage school teachers and	No	\$79,377	\$19,844	\$99,221	\$99,22
Role PI/PD	<u>Name</u> Cheng, An Chung	<u>Department</u> Foreign Languages, Department of			<u>% Credit</u> 100		
Stdnt Schol	Xu, Mingzhe			40.004	****	00.44=	00.4
S-119920-07-S1	Student Teacher Assistants		No	\$2,861	\$286	\$3,147	\$3,14
10/1/12 to 3/31/13	Japanese School of Toledo				0/ 0 !!!		
Role PI/PD Stdnt Schol	<u>Name</u> Hara, Joseph Kondo, Airi	<u>Department</u> Foreign Languages, Department of Foreign Languages, Department of			<u>% Credit</u> 100		
	,	Sum of Department (Foreign Lan	guages, Depart	ment of) Awar	d Count: 3.00		\$107,8°
eography and Planni	ing, Department of						
C-120071-05	Graduate Teaching Fellows in ST Environmental Science Learning	_	No	\$454,891	\$38,012	\$492,903	\$59,14
7/1/12 to 6/30/14	Ecosystem Interface						
	National Science Foundation	Danastmant			0/ Cradit		
Role PI/PD	<u>Name</u> Stepien, Carol	<u>Department</u> Lake Erie Soil and Water Research and Ed	ugation Contar		<u>% Credit</u> 50		
Co-PI	Becker, Richard	Environmental Sciences, Department of	ucation Center		12		
Co-PI	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Ed	ucation Center		13		
Co-PI	Czajkowski, Kevin Paul	Geography and Planning, Department of	doditori ociitor		12		
Co-PI	Gruden, Cyndee	Civil Engineering, Department of			13		
C-120628-05	Analyzing Regional Freight Inform		No	\$68,729	\$31,272	\$100,001	\$70,0
/1/12 to 9/30/13		through University of Wisconsin - Madison		400 ,120	40.,2.2	Ψ.00,00.	Ψ. σ,σ
Role	Name	Department			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			70 70		
Co-I	Martinko, Richard S.	Intermodal Transportation Institute			30		
N-122740-01	Analysis of Transit Travel Deman		No	\$35,869	\$8,160	\$44,029	\$44,0
1-1227-40-01	Statistical Areas Between 2000 ar	- · · · · · · · · · · · · · · · · · · ·	140	ψ00,003	ψο, 100	Ψ-1-,023	Ψ,υ.
	Squares Regression	na 2010 Comig 1WO Clago Loadt					
3/15/12 to 8/14/13		through San Jose State University Research Fou	ındation				
Role	Name	Department			% Credit		
PI/PD	Alam, Bhuiyan M.	Geography and Planning, Department of			100		
	CFIRE-UTC Recompetition		No	\$68,729	\$31,271	\$100,000	\$90,0
N-123029-01		41		Ţ-3,. = 0	ŢJ.,=	Ţ.50,000	700,0
	U.S. Department of Transportation	through University of VVIsconsin System					
1/1/12 to 1/31/14	U.S. Department of Transportation				% Credit		
7/1/12 to 1/31/14 Role	<u>Name</u>	<u>Department</u>			% Credit		
N-123029-01 1/1/12 to 1/31/14 Role PI/PD Co-I					% Credit 0 90		

				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
eography and Planr	ning, Department of						
N-123318-01	Development of Methodology for	Generating Distance and Commodity	No	\$95,163	\$28,549	\$123,712	\$123,71
	Flow Tables into and through the	Great Lakes Basin					
6/1/12 to 3/26/13	U.S. Army Corps of Engineers thro	ugh Ecology and Environment, Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			100		
S-121124-01-S1	LEADERS: Leadership for Education	ors: Academy for Driving Economic	No	\$51,936	\$6,308	\$58,244	\$58,24
	Revitalization in Science						
7/24/12 to 8/31/14	National Science Foundation						
Role	Name	Department			% Credit		
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, Department of			100		
S-123029-01-S1	Making Freight-Centric Communi		No	\$41,237	\$18,763	\$60,000	\$42,00
	Impact of Advanced Technologies	_		, , ,	, ,, ,,	, ,	, ,-
1/1/12 to 12/31/13	•	through University of Wisconsin - Madison					
Role	Name	Department			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			70		
Co-I	Vonderembse, Mark A.	Information Operations and Technology Mana	gement		30		
S-123029-01-S2	Mining Automatic Identification S	ystem (AIS) Data for Improved Vessel	No	\$54,983	\$25,017	\$80,000	\$56,0
	Trip Analysis Capabilities	•		. ,		. ,	
1/1/12 to 12/31/13		through University of Wisconsin System					
Role	Name	Department			% Credit		
PI/PD	Lindquist, Peter S.	Geography and Planning, Department of			70		
Co-I	Vonderembse, Mark A.	Information Operations and Technology Mana	gement		30		
		Sum of Department (Geography and F	Planning, Den	artment Awar	rd Count: 6.12		\$543,13
intom. Domontorout.	- 4		3, 1				,,
istory, Department of N-123585-01		rk: Using Immigrant History & Culture	No	\$16,000	\$0	\$16,000	\$3,20
14-120000-01	for Culturally Relevant Pedagogy		NO	Ψ10,000	Ψ	ψ10,000	Ψ0,21
1/17/13 to 1/16/14	Ohio Humanities Council	512					
Role	Name	Department			% Credit		
PI/PD	Hamer, Lynne M.	Educational Foundations and Leadership			<u>70 Orean</u> 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					

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_anguages, Lit							
Psychology, Departm	ent of						
N-122910-01-A1	Longitudinal MRI study of PTSD deve	elopment from days to weeks after	No	\$156,558	\$77,966	\$234,524	\$
4/1/13 to 3/31/14	National Institutes of Health						
Role	Name	Department			% Credit		1
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 Expect	ation Effects	No	\$2,000	\$0	\$2,000	\$2,000
8/20/12 to 6/1/13	Psi Chi						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Rose, Jason P.	Psychology, Department of			100		
		Sum of Department (Psyc	hology, Depar	tment of) Awa	ard Count: 1.00		\$2,000
Sociology and Anthro	ppology, Department of	Sum of Department (Psyc	hology, Depar	tment of) Awa	ard Count: 1.00		\$2,000
Sociology and Anthro N-123585-01	opology, Department of From Kuschwantz to Kwanzaa Park:		hology, Depar No	*tment of) Awa ************************************	ard Count: 1.00	\$16,000	\$2,000
		Using Immigrant History & Culture		,		\$16,000	
	From Kuschwantz to Kwanzaa Park:	Using Immigrant History & Culture		,		\$16,000	
N-123585-01	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S	Using Immigrant History & Culture		,		\$16,000	
N-123585-01 1/17/13 to 1/16/14	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council	Using Immigrant History & Culture		,	\$0	\$16,000	
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of		,	\$0 <u>% Credit</u> 40 20	\$16,000	
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of		,	\$0 <u>% Credit</u> 40 20 20	\$16,000	
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of		,	\$0 <u>% Credit</u> 40 20	\$16,000	
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L.	Using Immigrant History & Culture TEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of	No	\$16,000	% <u>Credit</u> 40 20 20 20	\$16,000	\$3,200
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of	No	\$16,000	\$0 <u>% Credit</u> 40 20 20	\$16,000	
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M.	Using Immigrant History & Culture TEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of	No Anthropology,	\$16,000 Departm Awa	% Credit 40 20 20 20 20 ard Count: 0.20	\$16,000	\$3,200 \$3,200
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A	No Anthropology,	\$16,000 Departm Awa	% Credit 40 20 20 20 20 ard Count: 0.20	\$16,000	\$3,200
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I Statistician	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A	No Anthropology,	\$16,000 Departm Awa	% Credit 40 20 20 20 20 ard Count: 0.20		\$3,200 \$3,200
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A	No Anthropology,	\$16,000 Departm Awa	% Credit 40 20 20 20 20 ard Count: 0.20		\$3,200 \$3,200 \$797,018
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I Statistician	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A	No Anthropology, re and Social	\$16,000 Departm Awa Sciences Awa	\$0 % Credit 40 20 20 20 20 20 20 20		\$3,200 \$3,200 \$797,018 Dept Award
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I Statistician	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A Sum of College (Languages, Literatu	No Anthropology, re and Social	\$16,000 Departm Awa Sciences Awa	\$0 % Credit 40 20 20 20 20 20 20 20		\$3,200 \$3,200 \$797,018 Dept Award Credit
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Co-I Statistician Medicine, Colle	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A Sum of College (Languages, Literatu	No Anthropology, re and Social <u>Cash?</u>	\$16,000 Departm Awa Sciences Awa Direct Cost	\$0 % Credit 40 20 20 20 20 20 20 20	Total Award	\$3,200 \$3,200 \$797,018 Dept Award
N-123585-01 1/17/13 to 1/16/14 Role PI/PD Co-I Co-I Statistician Medicine, Colle AHEC C-010336-19	From Kuschwantz to Kwanzaa Park: for Culturally Relevant Pedagogy in S Ohio Humanities Council Name Hamer, Lynne M. Barden, Thomas E. McKether, Willie L. Michney, Todd M. Haughton, Noela A.	Using Immigrant History & Culture STEMM Department Educational Foundations and Leadership English, Department of Sociology and Anthropology, Department of History, Department of Curriculum and Instruction, Department of Sum of Department (Sociology and A Sum of College (Languages, Literatu	No Anthropology, re and Social <u>Cash?</u>	\$16,000 Departm Awa Sciences Awa Direct Cost	\$0 % Credit 40 20 20 20 20 20 20 20	Total Award	\$3,200 \$3,200 \$797,018 Dept Award Credit

	•						Dept Award
Medicine, Coll	ege ot		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Anesthesiology, Dep	partment of						
N-123989-01	Anesthesiology fellowship		No	\$15,000	\$0	\$15,000	\$15,000
7/1/12 to 6/30/13	Boston Scientific Corporation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Atallah, Joseph Noshi	Anesthesiology, Department of			100		
		Sum of Department (Anesthesiolo	ogy, Depar	tment of) Awa	rd Count: 1.00		\$15,000
Biochemistry & Can	cer Biology, Department of						
C-010087-25	Digitalis-Induced Signaling by C	ardiac Na+/K+-ATPase	No	\$1,077,410	\$375,943	\$1,453,353	\$1,453,353
4/1/13 to 3/31/14	National Heart, Lung & Blood Inst.	itute					
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	f				
C-120298-05	Choose Ohio First Scholarship F	Program	No	\$37,600	\$0	\$37,600	
7/1/12 to 6/30/14	Ohio Board of Regents through O	hio University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	f		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 Pneumoco	occal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	
6/1/12 to 5/31/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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	<u>f</u>				
C-120751-04	Novel Role of Base Excision Rep	pair and Mismatch Repair in Cisplatin	No	\$181,721	\$90,497	\$272,218	\$272,218
	Sensitivity						
3/1/13 to 2/28/14	National Institutes of Health						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biology, Department of			100		
C-120768-04	Dissecting the Mechanisms of Ta	amoxifen Action	No	\$201,275	\$100,235	\$301,510	\$301,510
5/1/12 to 6/30/12	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ratnam, Manohar	Biochemistry & Cancer Biology, Department of			100		

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Medicine, Colleg	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Biochemistry & Cance	r Biology, Department of		· <u>·</u>			<u></u>	<u> </u>
C-121294-04	Regulation of Melanocyte Differential Remodeling Enzymes	ation by SWI/SNF Chromatin	No	\$207,859	\$99,530	\$307,389	\$307,389
6/1/13 to 5/31/14	National Institutes of Health						1
Role PI/PD Co-I Co-I	<u>Name</u> DeLaSerna, Ivana Khuder, Sadik Yeung, Kam C.	Department Biochemistry & Cancer Biology, Department of Medicine, Department of Biochemistry & Cancer Biology, Department of			<u>% Credit</u> 100		
C-121526-04	Mechanisms Driving Cortical Cytosl	keleton Dynamics in Cancer Cell	No	\$189,199	\$94,221	\$283,420	\$269,249
6/1/13 to 5/31/14	Invasion National Institutes of Health						
Role PI/PD Co-I Co-I	<u>Name</u> Eisenmann, Kathryn M. Gunning, William T. Kalinoski, Andrea L.	Department Biochemistry & Cancer Biology, Department of Biochemistry & Cancer Biology, Department of Surgery, Department of			<u>% Credit</u> 90 5 5		
C-121746-02	Na/K-ATPase Reduction in Renal Dis		No	\$238,000	\$118,524	\$356,524	
12/15/12 to 12/14/13	National Institutes of Health			4 _00,000	4.1.0,0 <u>-</u> 1	4000,0 2.	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tian, Jiang Liu, Jiang Liu, Lijun Xie, Zi-Jian	Department Medicine, Department of Medicine, Department of Biochemistry & Cancer Biology, Department of Phys Pharm Met/Cardio Science, Department of			<u>% Credit</u> 100		
C-123653-02	Dissecting the Mechanisms of Tamo	·	No	\$2,500	\$1,245	\$3,745	\$3,745
5/1/13 to 9/30/13	National Cancer Institute through Way	yne State University					
Role PI/PD	<u>Name</u> Patrick, Stephan	<u>Department</u> Biochemistry & Cancer Biology, Department of			<u>% Credit</u> 100		
N-122611-01-A1 9/27/12 to 8/31/13	Targeting the ERCC1/XPF Nuclease National Institutes of Health through N		No	\$80,000	\$39,840	\$119,840	\$119,840
Role PI/PD	<u>Name</u> Patrick, Stephan	<u>Department</u> Biochemistry & Cancer Biology, Department of			<u>% Credit</u> 100		
N-122982-01	Chemotherapeutic Regulation of Au Cytotoxicity	toimmunity Without Overt	No	\$63,095	\$6,310	\$69,405	
7/1/12 to 6/30/13	American Heart Association - Great R	ivers Affiliate					
Role PI/PD Co-I Co-I	Name Quinn, Anthony Gunning, William T. Hacker, Estate of Dr. Miles P.	<u>Department</u> Biological Sciences, Department of Biochemistry & Cancer Biology, Department of Pharmacology, Department of			<u>% Credit</u> 100		
Co-I	Koffman, Boyd	Neurology, Department of					

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M						<u> </u>	Dept Award
Medicine, Colle	ge or		Cash?	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
Biochemistry & Canc	er Biology, Department of						
N-123536-01	Mechanisms of subtelomere rec	ombinations in telomerase deficient	No	\$150,611	\$69,967	\$220,578	\$220,578
	tumors						
1/31/13 to 10/31/13	National Institutes of Health						1
Role Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Morrish, Tammy	Biochemistry & Cancer Biology, Department of			100		
N-123590-01	Payment Agreement for Mugdha	ı Patki	No	\$10,000	\$0	\$10,000	\$10,000
7/1/12 to 6/30/13	Wayne State University						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 T	amoxifen Action	No	\$42,228	\$21,030	\$63,258	\$63,258
9/24/12 to 4/30/13	National Cancer Institute through	Wayne State University					
Role	Name	Department			% Credit		
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	No	\$192,924	\$96,075	\$288,999	\$231,199
	Glioblastoma	•		•		•	•
7/10/12 to 6/30/13	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 & Car	ncer Biolog	y, Depar Awar	d Count: 10.75		\$3,252,339
Family Medicine, Dep	artment of						
N-122372-01		entation of the PAINLESS Pathway:	No	\$4,000	\$0	\$4,000	\$4,000
N-122072-01	Improving Pain Control for the S		140	Ψ4,000	Ψ	Ψ+,000	Ψ-,000
4/1/11 to 3/31/12	•	undation through Benedictine Health System Foundation	on				
Role	Name	<u>Department</u>			% Credit		1
PI/PD	Gaspar, Phyllis M.	Family Medicine, Department of			50		
Co-I	Gokula, R.R.Murthy	Family Medicine, Department of			50		
N-123518-01		oose Ohio First Scholarship Program	No	\$50,000	\$0	\$50,000	\$50,000
7/1/12 to 6/30/13	·	,		,		, ,	, ,
1/1/12 (0 0/30/13	Ohio Board of Regents						
	Ohio Board of Regents Name	Department			% Credit		
Role PI/PD	Ohio Board of Regents Name French, Linda M.	Department Family Medicine, Department of			% Credit		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Family Medicine, Dep	partment of						
N-123963-01	MORe-CARE		No	\$10,000	\$0	\$10,000	\$5,00
3/1/13 to 2/28/14	Health Resources & Services Admir	nistration through Visiting Nurse Association of Mid-Ohio)				
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	e, Depar	tment of) Awar	d Count: 2.50		\$59,000
	mmunology, Department of			4	•	***	***
C-120298-05	Choose Ohio First Scholarship Pr	•	No	\$37,600	\$0	\$37,600	\$37,600
7/1/12 to 6/30/14	Ohio Board of Regents through Ohi	io University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 Pneumococ	cal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	
6/1/12 to 5/31/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 Pneumococ	cal Vaccine in HIV Infected Adults	No	\$235,975	\$112,535	\$348,510	
6/1/13 to 5/31/14	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 F	Program	No	\$242,728	\$87,264	\$329,992	\$329,992
5/1/13 to 4/30/14	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of			100		
Co-I	Rees, Michael A.	Urology, Department of					
Statistician	Khuder, Sadik	Medicine, Department of					

Dept Award

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

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Med Microbiology &	Immunology, Department of						
N-123529-01		ity to tick-borne encephalitis virus	No	\$150,000	\$12,000	\$162,000	\$162,00
2/5/13 to 1/31/14	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Taylor, Roger Travis	Med Microbiology & Immunology, Department of			100		
		Sum of Department (Med Microbiology & I	lmmunol	l ogy, Dep Awar	d Count: 9.00		\$1,201,34
ledicine, Departmer	nt of						
C-100389-12	Ryan White Part C (Title III) HIV	Early Intervention Services (EIS)	No	\$438,109	\$22,217	\$460,326	\$460,32
	Program						
4/1/13 to 3/31/14	HIV/AIDS Bureau						1
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 Re	nal Atherosclerotic Lesions (CORAL)	No	\$1,190,944	\$401,449	\$1,592,393	\$1,592,39
6/1/12 to 3/31/13	National Heart, Lung & Blood Inst	titute					_
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Cooper, Christopher	Medicine, Department of			100		
C-100529-08	Cardiovascular Outcomes in Re	nal Atherosclerotic Lesions (CORAL)	No	\$759,409	\$378,185	\$1,137,594	\$1,137,594
4/1/13 to 3/31/14	National Heart, Lung & Blood Inst	titute					
Role	Name	Department			% Credit		
PI/PD	Cooper, Christopher	Medicine, Department of			100		
C-120298-05	Choose Ohio First Scholarship I	Program	No	\$37,600	\$0	\$37,600	
7/1/12 to 6/30/14	Ohio Board of Regents through C	Ohio University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Pneumoco	occal Vaccine in HIV Infected Adults	No	\$250,825	\$119,931	\$370,756	\$370,75
6/1/12 to 5/31/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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					

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Medicine, Colleg	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medicine, Department	of						
C-120360-04	Immune Response to Pneumococca	al Vaccine in HIV Infected Adults	No	\$235,975	\$112,535	\$348,510	\$348,510
6/1/13 to 5/31/14	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Differentia	ation by SWI/SNF Chromatin	No	\$207,859	\$99,530	\$307,389	
6/1/13 to 5/31/14	Remodeling Enzymes						
	National Institutes of Health	Department			0/ 0		
Role PI/PD	Name	Department			<u>% Credit</u> 100		
Co-I	DeLaSerna, Ivana Khuder, Sadik	Biochemistry & Cancer Biology, Department of Medicine, Department of			100		
Co-I	Yeung, Kam C.	Biochemistry & Cancer Biology, Department of					
C-121527-04	Improvement in Paired Donation Pro		No	\$242,728	\$87,264	\$329,992	
5/1/13 to 4/30/14	National Institutes of Health	•		, ,	, , ,	, , , , ,	
Role	Name	Department			% Credit		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of			100		
Co-I	Rees, Michael A.	Urology, Department of					
Statistician	Khuder, Sadik	Medicine, Department of					
C-121746-02	Na/K-ATPase Reduction in Renal Disease-Related Cardiac Dysfunction		No	\$238,000	\$118,524	\$356,524	\$356,524
12/15/12 to 12/14/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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		*0.47.004	\$440.404	\$405.500	* 405 500
C-122062-03	Inherited Genetic Risk Factors Common to COPD and Lung Cancer		No	\$347,331	\$118,191	\$465,522	\$465,522
5/1/13 to 6/30/14	National Heart, Lung & Blood Institute				0/ One dit		
Role PI/PD	Name Willow James	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
Co-I	Willey, James Blomquist, Thomas M.	Resid Prgm-Pathology			100		
C-122214-03	Receptor Na/K-ATPase Antagonists	• •	No	\$381,281	\$156,066	\$537,347	
0-122214-03	Renal/Cardiac Diseases	As novel Therapeutics For	140	Ψ301,201	Ψ130,000	ΨΟΟΙ, Ο-ΙΙ	
6/1/13 to 5/31/14	National Institutes of Health						
Role	Name	Department			% Credit		
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					

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Medicine, Departmen	t of			<u> </u>		1000.7110.0	<u> </u>
C-122255-02	PROspective Multicenter Imaging (PROMISE Trial)	·	Yes	\$9,136	\$914	\$10,050	\$10,050
5/1/12 to 4/30/14	National Heart, Lung & Blood Institu	te through Duke University					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tinkel, Jodi Lee Colyer, William R. Eltahawy, Ehab A. Khouri, Samer J.	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 80 10		
N-100773-01 7/18/03 to 5/19/11	Safety and Efficacy of the STARFIG Medical Therapy in Patients with a Attack Due to a Presumed Paradox Foramen Ovale (CLOSURE 1) NMT Medical, Inc.	ex Septal Closure System vs. Best Stroke and/or Transient Ischemic	Yes	\$30	\$8	\$38	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tietjen, Gretchen Colyer, William R. Hafeez, Faizan Thomas, William J.	<u>Department</u> Neurology, Department of Medicine, Department of Neurology, Department of Medicine, Department of			<u>% Credit</u> 100		
N-101051-01 9/29/04 to 9/28/12	The National LymphoCare Study: Outcomes and Prognosis in Patier Lymphoma Genentech, Inc.	An Observational Study of Treatment, nts with Follicular Non-Hodgkin's	Yes	\$440	\$110	\$550	\$550
Role PI/PD Co-I Co-I Co-I Dir Ctr/Inst	Name Mohamed, Iman E. Chaudhary, Rekha Skeel, Roland Veltri, Salvatore Braun, Donald P.	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of			<u>% Credit</u> 100		
N-101088-01 1/3/05 to 1/2/11	Carotid Revascularization Endarte National Institute of Neurological Dis Dentistry of New Jersey	rectomy vs. Stenting sorders and Stroke through University of Medicin	Yes ne &	\$7,720	\$1,930	\$9,650	
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A. Tietjen, Gretchen	Department Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ae of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Medicine, Department	<u> </u>		<u> </u>	<u>Direct Cost</u>	<u>indirect Cost</u>	<u>IOIai Awaiu</u>	Credit
N-101228-01		al Atherosclerotic Lesions (CORAL)	Yes	\$14,252	\$3,563	\$17,815	\$17,815
3/23/05 to 3/31/14	National Heart, Lung & Blood Institu	ute through Medical University of Ohio at Toledo					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			100		
Co-I	Bashir, Riyaz	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Kaw, Dinkar	Medicine, Department of					
Co-I	Malhotra, Deepak K.	Medicine, Department of					
Co-I	Ratnam, Shobha	Medicine, Department of					
Co-I	Shapiro, Joseph	Medicine, Department of					
N-101315-01	Zilver PTX Vascular Stent in the A	bove-the-Knee Femoropopliteal Artery	Yes	\$7,060	\$1,765	\$8,825	\$8,825
9/8/05 to 9/7/12	Cook, Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			100		
Co-I	Bashir, Riyaz	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
N-101334-01	Effect of Sirolimus on Cyst Regre	ssion in Renal Transplant Recipients	Yes	\$32,000	\$8,000	\$40,000	\$40,000
	with Polycystic Kidney Disease						
9/6/06 to 1/31/14	Wyeth Pharmaceuticals						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Randon	nized Evaluation of Celecoxib	Yes	\$36,193	\$9,048	\$45,241	\$45,241
	Integrated Safety vs. Ibuprofen or	Naproxen					
4/6/07 to 1/31/14	Pfizer, Inc. through INC Research,	Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit	_	
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Bruhl, Steven	Resid Prgm-Medicine					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					
Co-I	Vijendra, Divya	ŭ					
Stdnt Schol	Baas, Tiffany Renee	Medicine, Department of					

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Medicine, Colleg	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medicine, Department	of			<u> </u>			<u> </u>
N-120445-01 8/11/08 to 8/10/14	An International, Multicenter, Prospect Safety of Maraviroc Used with Optimic Treatment Experienced HIV 1 Infected Pfizer, Inc.	zed Background Therapy in	Yes	\$600	\$150	\$750	\$750
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		
N-120812-01 10/10/08 to 10/17/13	A Clinical Outcome of Darapladib vers Chronic Coronary Heart Disease to Conduction Coronary Heart Disease Coronary Hear	sus Placebo in Subjects with ompare the Incidence of Major	Yes	\$8,192	\$2,048	\$10,240	\$10,240
Role PI/PD PI/PD Co-I Co-I Co-I	Name Pandya, Utpal Tinkel, Jodi Lee Burket, Mark Colyer, William R. Cooper, Christopher	Department Medicine, Department of			<u>% Credit</u> 100		
N-120829-01 1/23/09 to 1/22/14	TECOS: A Randomized, Placebo Cont Cardiovascular Outcomes after Treati with Type 2 Diabetes Mellitus and Inac Merck and Company Inc. through Duke	nent with Sitagliptin in Patients dequate Glycemic Control	Yes	\$15,315	\$3,829	\$19,144	\$19,144
Role PI/PD Co-I Co-I	Name Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine			% Credit 100		
N-120961-01 3/13/09 to 3/12/13	Invatec INTENSE Study Medtronic, Inc.		Yes	\$100	\$25	\$125	\$125
Role PI/PD	Name Burket, Mark	Department Medicine, Department of			<u>% Credit</u> 100		
N-121475-01 12/17/09 to 12/16/12	Catheter Ablation Versus Antiarrhythi Fibrillation Trial (CABANA Trial) National Heart, Lung & Blood Institute t		Yes	\$1,240	\$310	\$1,550	\$1,550
Role PI/PD PI/PD Co-I	Name Cummings, Jennifer E. Kanjwal, Mohammed Y. Khouri, Samer J.	Department Medicine, Department of Medicine, Department of Medicine, Department of			% Credit		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medicine, Department	of			<u> </u>		<u></u>	<u> </u>
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	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Colyer, William R.	Medicine, Department of			100		
Co-I	Burket, Mark	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine					
Co-I	Pandya, Utpal	Medicine, Department of					
Co-I	Tinkel, Jodi Lee	Resid Prgm-Medicine					
N-121535-01	A Phase 3, Multicenter, Randomize	d, Double-Blind, Placebo-Controlled	Yes	\$7,722	\$0	\$7,722	\$7,722
	Study to Evaluate the Efficacy and	Safety of Peramivir Administer					
	Intravenously in Addition to Standa	ard of Care in Adults and Adolescents					
	Who are Hospitalized Due to Seriou	us Influenza					
10/30/09 to 10/29/12	BioCryst Pharmaceuticals, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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					<u> </u>
N-121592-01		-Blind, Parallel, Placebo-Controlled	Yes	\$31,235	\$7,809	\$39,044	\$39,044
	Study of the Effects of JNJ-2843179						
0/04/40 / 4/04/44	Adult Subjects With Type 2 Diabete						
2/24/10 to 1/31/14	Janssen Research & Development, I	_					1
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					

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Medicine, Colle	ege of	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Medicine, Departmen	<u> </u>	<u> </u>	<u>Direct Cost</u>	mancer cost	<u>Iotal Awara</u>	<u>Orcuit</u>
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					1
Role	<u>Name</u> <u>Department</u>			% Credit		
PI/PD	Tinkel, Jodi Lee Medicine, Department of			100		
N-121817-01	A Phase IIIB Multicenter, Double-blind, Randomized, Placebo-Controlled	Yes	\$15,122	\$3,024	\$18,146	\$17,057
	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					1
<u>Role</u>	<u>Name</u> <u>Department</u>			% 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 Co-I	Eltahawy, Ehab A. Resid Prgm-Medicine Tinkel, Jodi Lee Resid Prgm-Medicine			3 3		
		V	***		£40.00E	<u> </u>
N-121903-01	Protocol No. BCB 109 entitled "EXenatide Study of Cardiovascular	Yes	\$8,555	\$2,310	\$10,865	\$10,648
8/16/10 to 1/31/14	Event Lowering Trial (EXSCEL)" Amylin Phamaceuticals, Inc. through Duke University					
				0/ Cradit		1
Role PI/PD	Name <u>Department</u> Akpunonu, Basil Medicine, Department of			<u>% Credit</u> 95		
Co-I	Akpunonu, Basil Medicine, Department of Bittar, Samih Medicine, Department of			95 3		
Co-I	Hinch, Bryan Thomas Resid Prgm-Medicine			2		
N-121913-01	Carotid Stenting for High Surgical Risk Patients; Evaluation Outcomes	Yes	\$2,475	\$0	\$2,475	, \$2,475
14-121913-01	Through The Collection Of Clinical Evidence ("CHOICE")	163	\$2, 4 75	ΨΟ	Ψ2,473	Ψ 2 ,473
6/2/10 to 6/1/12	Abbott Vascular Inc					
Role	Name Department			% Credit		1
PI/PD	Burket, Mark Medicine, Department of			<u>70 Credit</u> 80		
Co-I	Nahhas, Ahed T. Medicine, Department of			20		
N-121948-01	A 12-Week, International, Multicenter, Double-Blind, Randomized,	Yes	\$2,200	\$550	\$2,750	1 \$1,843
	Placebo-Controlled Comparison of the Efficacy and Safety of Oral		+ -,	,	-, -,	, ,,, ,,
	UT-15C Sustained Release Tablets in Subjects with Pulmonary Arterial					
	Hypertension					
5/14/10 to 5/13/11	United Therapeutics Corporation					
Role	Name Department			% Credit		
PI/PD	Khouri, Samer J. Medicine, Department of			34		
Co-I	Garris, Theresa Administration, Unspecified			33		
Co-I	Kahaleh, M. Bashar Medicine, Department of			33		

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Medicine, Colle	ge of	Cash?	Direct Cost	Indirect Cost	Iotal Award	Dept Award Credit
Medicine, Department	of					
N-122002-01 11/15/10 to 11/14/11	An Open-Label Extension Safety Trial Of Pregabalin In Subj Neuropathicpain Associated With HIV Neuropathy (Pregaba A0081251) Pfizer, Inc. through ICON Clinical Research, Inc.		\$1,575	\$425	\$2,000	\$2,000
Role PI/PD Co-I	Name Department Duggan, Joan Medicine, Department Koffman, Boyd Neurology, Departme			<u>% Credit</u> 100		
N-122011-01	A Multicenter, Randomized, Active-Control, Phase 3B Study the Cardiovascular Safety of Febuxostat and Allopurinol in with Gout and Cardiovasular Comorbidities Takeda Pharmaceuticals North America, Inc.	y to Evaluate Yes	\$6,004	\$1,621	\$7,625	\$7,625
1/4/11 to 1/3/13 Role PI/PD Co-I Co-I	Name Hejeebu, Srini K. Federman, Douglas Williams, Julie A. Name Department Medicine, Department Medicine, Department Medicine, Department Medicine, Department	it of		% Credit 100		
N-122175-01 3/11/11 to 3/10/14	AngelMed for Early Recognition and Treatment of STEMI (A Randomized Trial Angel Medical Systems, Inc.	LERTS) Yes	\$108,765	\$0	\$108,765	\$54,383
Role PI/PD Co-I Co-I Co-I	Name Schwann, Thomas A. Bonnell, Mark Cooper, Christopher Kanjwal, Mohammed Y. Omer, Shuab Surgery, Department Medicine, Department Surgery, Department Surgery, Department	of ut of ut of		% Credit 25 25 25 25 25		
N-122784-01 9/14/11 to 9/13/13	A Prospective, Multicenter, Single Blind, Randomized, Cont Comparing the Moxy™ Drug Coated Balloon vs. Standard E Angioplasty for Treatment of Femoropopliteal Arteries Lutonix Inc	trolled Trial Yes	\$15,343	\$4,143	\$19,486	\$19,486
Role PI/PD Co-I Co-I Co-I	Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T. Department Medicine, Departmen Resid Prgm-Medicine Medicine, Departmen	et of		<u>% Credit</u> 70 15 15		
N-122786-01 12/1/11 to 11/30/13	A Multicenter, Randomized, Double-Blind, Comparative Tria Maraviroc + Darunavir/Ritonavir Versus Emtricitabine/Tenot Darunavir/Ritonavir For The Treatment Of Antiretroviral-Naï HIV-Infected Patients With Ccr5-Tropic HIV-1	fovir +	\$25,802	\$6,967	\$32,769	\$32,769
Role PI/PD Co-I Co-I	Pfizer, Inc. Name Duggan, Joan Akpanudo, Barbara D. Dwyer, Mary F. Department Medicine, Department Medicine, Department Medicine, Department Medicine, Department	it of		% Credit 100		

Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	<u>L</u> Total Award	Dept Award Credit
ledicine, Departmer	nt of						
N-122787-01 9/3/11 to 9/2/13	The Treatment of Iliac and Femoral A Self-expanding Astron and Astron Pt Biotronik, Inc.		Yes	\$42,760	\$11,545	\$54,305	\$54,30
Role PI/PD Co-I Co-I Co-I	Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Nahhas, Ahed T.	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of			<u>% Credit</u> 100		
N-122791-01 2/18/12 to 2/17/13	A Clinical Outcomes Study to compa Vilanterol Inhalation Powder 100/25n Subjects with moderate Chronic Obs and a history of or an increased risk GlaxoSmithKline through Parexel Inter	re the effect of Fluticasone Furoate/ ncg with placebo on Survival in structive Pulmonary Disease (COPD) for cardiovascular disease	Yes	\$5,879	\$1,587	\$7,466	\$7,01
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Hammersley, Jeffrey Apostolis, Michael A. Assaly, Ragheb Avasthi, Salil Hernandez, Dawn-Alita R. Kanjwal, Mohd Shaffi Lanka, Kiranmayee Olson, Dan Safi, Fadi Alil Singh, Surender Willey, James Yoon-Krawczyk, Youngsook	Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of			% Credit 89 1 1 1 1 1 1 1 1 1 1 1 1		
N-123060-01 11/17/11 to 11/16/12	Breviblock Observational Registry Baxter Healthcare Corporation		Yes	\$1,575	\$425	\$2,000	\$1,92
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Hammersley, Jeffrey Apostolis, Michael A. Assaly, Ragheb Avasthi, Salil Hernandez, Dawn-Alita R. Kanjwal, Mohd Shaffi Lanka, Kiranmayee Olson, Dan Safi, Fadi Alil Singh, Surender Willey, James Yoon-Krawczyk, Youngsook	Department Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of Medicine, Department of			% Credit 89 1 1 1 1 1 1 1 1		

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Madiaina Call						<u>1</u>	Dept Award
Medicine, Coll	ege or		<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	nt of						
N-123062-01 1/24/12 to 1/23/13	A Randomized, Double-Blind, Placebo C Multinational Trial, to Assess the Preven Ticagrelor Compared to Placebo on a Ba Acid(ASA) Therapy in Patients with Hista AstraZeneca, L.P.	tion of Thrombotic Events with ackground of Acetyl Salicylic	Yes	\$2,751	\$743	\$3,494	\$3,494
Role	<u>Name</u> <u>D</u>	<u>epartment</u>			% Credit		
PI/PD	Tinkel, Jodi Lee M	ledicine, Department of			75		
Co-I	•	ledicine, Department of			25		
N-123128-01	Fellowship Interventional Cardiology		No	\$31,725	\$3,173	\$34,898	\$34,898
7/1/12 to 6/30/13	Abbott						
Role	<u>Name</u>	<u>lepartment</u>			% Credit		
PI/PD	Colyer, William R. M	ledicine, Department of			100		
N-123139-01	A Phase 3 Multi-Center, Randomized, Do	ouble-Blind, Placebo-Controlled	Yes	\$6,201	\$1,674	\$7,875	\$7,875
	Study of the Effects of Once Daily Oral I	Poses of 75 mg Azimilide					
	Dihydrochloride on the Incidence of Car	diovascular					
3/9/12 to 3/8/13	Forest Laboratories, Inc.						
<u>Role</u>	<u>Name</u>	<u>epartment</u>			% Credit		
PI/PD	Cummings, Jennifer E. N	ledicine, Department of			100		
Co-I	Grubb, Blair N	ledicine, Department of					
N-123141-01	A Phase 3, Multi-Center, Randomized, D	ouble-Blind, Placebo-Controlled,	Yes	\$20,108	\$5,429	\$25,537	\$25,537
	52-Week Study to Evaluate the Efficacy						
	(HGS1006) Administered Subcutaneous	y (SC) to Subjects with					
	Systemic Lupus Erythematosus (SLE)						
3/23/12 to 3/22/14	Human Genome Sciences						
Role Role		<u>lepartment</u>			% Credit		
PI/PD		ledicine, Department of			100		
Co-I	•	lesid Prgm-Medicine					
N-123144-01	Prospective, randomized, placebo-contr		Yes	\$13,407	\$3,620	\$17,027	\$17,027
	parallel group study to assess the effica	•					
	macitentan in patients with ischemic dig	ital ulcers associated with					
2/20/42 to 2/27/44	systemic sclerosis						
2/28/12 to 2/27/14	Actelion Clinical Operations, Inc.				0/ 0 17	1	
Role		epartment			% Credit		
PI/PD	Kahaleh, M Bashar M	ledicine, Department of			100		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Medicine, Department			<u> </u>	<u>Direct Cost</u>	maneer cost	<u>Total Awara</u>	Orcuit
N-123157-01	A Phase 2b Randomized, Double-Blind, D 200 mg Once-Daily Doses of Cenicriviroc EFV, Each with Open-Label FTC/TDF in H Treatment-Naïve, Adult Patients with Only Tobira Therapeutics, Inc through Quintiles,	(CVC, TBR 652) or Once-Daily IIV 1-Infected, Antiretroviral y CCR5	Yes	\$669	\$181	\$850	\$850
Role PI/PD Co-I Co-I	Name De De De Duggan, Joan Mo Akpanudo, Barbara D. Mo	epartment edicine, Department of edicine, Department of edicine, Department of edicine, Department of			% Credit 100		
N-123158-01 3/13/12 to 3/12/13	An Evaluation of the Burden of Illness An States with Peripheral and Central Neuro Pfizer, Inc.	_	Yes	\$2,126	\$574	\$2,700	\$2,700
Role PI/PD	<u>Name</u> <u>De</u> Duggan, Joan Me	epartment edicine, Department of	V	A 1 = 0 = 0	% Credit 100	200.000	A 40 = 00
N-123246-01 12/20/11 to 12/19/12	The Role of Endothelin-I in patients with venous hypertension Gilead Sciences, Inc.	Heart Failure and pulmonary	Yes	\$47,953	\$12,947	\$60,900	\$48,720
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Khouri, Samer J. Me Burket, Mark Me Cooper, Christopher Me Eltahawy, Ehab A. Re Moukarbel, George Victor Me	epartment edicine, Department of edicine, Department of edicine, Department of edicine, Department of esid Prgm-Medicine edicine, Department of esid Prgm-Medicine			% Credit 50 10 10 10 10 10		
N-123299-01 3/22/12 to 3/21/14	A Phase 2, Proof-Of-Concept, Multicenter Placebo-Controlled Study to Evaluate the Pharmacokinetics, Pharmacodynamics and Efficacy of Pomalidomide (CC-4047) Cutaneous Systemic Sclerosis with Interscelegene Corporation	r, Randomized, Double-Blind, Safety, Tolerability, in Subjects with Diffuse	Yes	\$5,315	\$1,435	\$6,750	\$6,750
Role PI/PD		<u>epartment</u> edicine, Department of			<u>% Credit</u> 100		
N-123335-01 7/1/12 to 11/1/13	Decreasing Hospitalization of Home Care Caregiver Intervention Center for Community Based Care	·	No	\$998	\$0	\$998	\$499
Role PI/PD Co-I	Steiner, Victoria Mo	epartment edicine, Department of ursing, College of			<u>% Credit</u> 50 50		

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Medicine, Colleç	ge of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Medicine, Department	of			<u> </u>		1000.71110.10	<u> </u>
N-123415-01	A Phase 11/111, Multicenter, Randon Placebo-Controlled Study to Assess Tocilizumab Versus Placebo in Patio	s the Efficacy and Safety of	Yes	\$3,750	\$0	\$3,750	\$3,750
6/7/12 to 6/6/14	Genentech, Inc.	•					
Role PI/PD Co-I	<u>Name</u> Kahaleh, M Bashar Vetteth, Sandeep	<u>Department</u> Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 100		
N-123436-01	Levant 2, phase 2 Continued Acces	s Registry	Yes	\$571	\$154	\$725	\$652
5/11/12 to 5/10/14	Lutonix Inc						
Role PI/PD Co-I Co-I Co-I Co-I	Name Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Moukarbel, George Victor Nahhas, Ahed T.	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Medicine, Department of			<u>% Credit</u> 70 10 10 5 5		
N-123502-01	A Randomized, Double-blind, Place		No	\$47,244	\$12,756	\$60,000	\$60,000
7/12/12 to 7/11/13	Evaluate the Efficacy, Safety, and To Treatment of Patients With Diarrhea Syndrome PPD Development, LLC	•					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Hejeebu, Srini K. Bawany, Muhammad Z. Federman, Douglas Iwuagwu, Cletus U.	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of			<u>% Credit</u> 75 20 5		
N-123524-01	Artisan: iCAST RX De Novo Stent P	lacement for the Treatment Of	Yes	\$2,308	\$692	\$3,000	\$2,550
10/12/12 to 10/11/13	Atherosclerotic Renal Artery Stenos Hypertension Prairie Education & Research Coope						
Role PI/PD Co-I Co-I	<u>Name</u> Burket, Mark Cooper, Christopher Eltahawy, Ehab A.	<u>Department</u> Medicine, Department of Medicine, Department of Resid Prgm-Medicine			<u>% Credit</u> 70 15 15		
N-123563-01	The Effects of Pomalidomide, CC-22		Yes	\$75,913	\$20,496	\$96,409	\$96,409
9/17/12 to 9/16/13	Vascular and Fibrotic Disorders Celgene Corporation						
Role PI/PD Co-I	Name Kahaleh, M Bashar Wang, Yongqing	Department Medicine, Department of Medicine, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ne of		00	5		_	Dept Award
·	<u>-</u>		Cash?	Direct Cost	Indirect Cost	<u>Total Award</u>	Credit
Medicine, Department			Ma	\$50,000	CO	\$50,000	£40,000
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				0/ 0		
Role	Name	<u>Department</u>			% Credit		
PI/PD	Snider, Stephen J.	Technology Corridor			0		
Co-I Co-I	Cooper, Christopher Elahinia. Mohammad	Medicine, Department of	ooring Do	nartment of	20 80		
	,	Mechanical, Industrial, and Manufacturing Engin				\$5,000	\$5.00
N-123646-01		double-blind, placebo-controlled trial	Yes	\$4,462	\$1,338	\$5,800	\$5,800
	to evaluate the efficacy and safety of infusion in patients suffering from a						
		acute decompensated neart failure					
11/19/12 to 11/18/13	(true-ahf). Quintiles. Inc.						
		Department			0/ 0		
Role	Name	<u>Department</u>			% Credit		
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 Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine Medicine, Department of					
Co-I	Grubb, Blair Moukarbel, George Victor	Medicine, Department of					
N-123776-01	Cellular Mechanisms of Retrovirus		No	\$25,000	\$0	\$25,000	
N-123//0-01		induced Breast wink Transmitted	NO	\$25,000	ΨU	\$25,000	
1/1/13 to 12/31/13	Lymphoma Development F.M. Douglass Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chakraborty, Joana	Phys Pharm Met/Cardio Science, Department of	f		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						
Role	Name	<u>Department</u>			% Credit		
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, op-	en label, randomized, controlled trial	Yes	\$90,662	\$0	\$90,662	\$36,265
	to evaluate the efficacy and safety	of calcineurin-inhibitor elimination or					
	reduction []Everolimus®lMyfortic	® versus Reduced Dose					
	tacrolimus Everolimus® in adult rei	nal transplant recipients					
2/15/13 to 2/14/14	Novartis						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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		

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Medicine, Colle	ege oi		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ledicine, Departmen	t of						
N-123956-01 2/28/13 to 2/27/14	Zilver PTX Drug Eluting Stent Co	ention: The Cost Effectiveness of each	No	\$11,811	\$3,189	\$15,000	\$15,000
Role PI/PD Co-I	<u>Name</u> Burket, Mark Taleb, Mohammed M.	<u>Department</u> Medicine, Department of Resid Prgm-Pathology			<u>% Credit</u> 100		
N-123963-01 3/1/13 to 2/28/14	MORe-CARE Health Resources & Services Adm	inistration through Visiting Nurse Association of	No Mid-Ohio	\$10,000	\$0	\$10,000	\$2,500
Role PI/PD Co-I Co-I Co-I	Name Gokula, R.R.Murthy Brickman, Kristopher R. Gaspar, Phyllis M. Khuder, Sadik	<u>Department</u> Family Medicine, Department of Surgery, Department of Family Medicine, Department of Medicine, Department of			<u>% Credit</u> 25 25 25 25 25		
N-123983-01 4/1/13 to 3/30/14	Na/K-ATPase/Src receptor as a ta sclerosis University of Toledo Foundation	rget for novel therapeutics in systemic	No	\$25,000	\$0	\$25,000	\$15,000
Role PI/PD Co-I	Name Li, Zhichuan Xie, Zi-Jian	<u>Department</u> Medicine, Department of Phys Pharm Met/Cardio Science, Departr	nent of		<u>% Credit</u> 60 40		
R-100043-13	Ryan White HIV/AIDS Program Pa Services and Access to Research Youth (WICY)	ort D Grants for Coordinated HIV of for Women, Infants, Children, and	No	\$453,931	\$10,863	\$464,794	\$464,794
8/1/12 to 7/31/13	U.S. Department of Health and Hu	man Services					
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
R-101303-08 1/1/13 to 12/31/14	Healthy Relationships through Ex Centers for Disease Control and P County Regional Health District	cisting Support Groups revention & Ohio Department of Health through	No Lucas	\$23,050	\$0	\$23,050	\$23,050
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			<u>% Credit</u> 100		
R-101307-08 1/1/13 to 12/31/14	Options	revention & Ohio Department of Health through	No Lucas	\$16,250	\$0	\$16,250	\$16,250
Role PI/PD	<u>Name</u> Duggan, Joan	<u>Department</u> Medicine, Department of			% Credit 100		

Neurology, Department of

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Medicine, Colle	еде от	<u>Cash?</u>	<u>Direct Cost</u>	Indirect Cost	Total Award	Credit
Neurology, Departme	ent of					
C-011251-09	Parkinson's Disease Collaborative Study of Genetic Linkage, 'Pf	ROGENI' Yes	\$8,000	\$2,000	\$10,000	\$10,000
2/1/07 to 1/31/08	National Institute of Neurological Disorders and Stroke through Uni	versity of Rochester				
<u>Role</u>	Name <u>Department</u>			% Credit		
PI/PD	Elmer, Lawrence Neurology, Department of			100		
C-011251-10	Parkinson's Disease Collaborative Study of Genetic Linkage, 'Pf	ROGENI' Yes	\$8,000	\$2,000	\$10,000	\$10,000
2/1/08 to 11/30/09	National Institute of Neurological Disorders and Stroke through Uni	versity of Rochester				
Role	Name <u>Department</u>			% Credit		
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
9/15/09 to 8/31/10	National Institute of Neurological Disorders and Stroke through Yale	e University				
<u>Role</u>	<u>Name</u> <u>Department</u>			% Credit		
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
9/1/11 to 8/31/12	National Institute of Neurological Disorders and Stroke through Yale	e University				
<u>Role</u>	<u>Name</u> <u>Department</u>			% Credit		
PI/PD	Tietjen, Gretchen Neurology, Department of			100		
N-100773-01	Safety and Efficacy of the STARFlex Septal Closure System vs.	Best Yes	\$30	\$8	\$38	\$38
	Medical Therapy in Patients with a Stroke and/or Transient Ische					
	Attack Due to a Presumed Paradoxical Embolism through a Pati	ent				
7/10/00 / 5/10/11	Foramen Ovale (CLOSURE 1)					
7/18/03 to 5/19/11	NMT Medical, Inc.			0/ 0 !!!		
Role	Name Department			% Credit		
PI/PD Co-I	Tietjen, Gretchen Neurology, Department of Colyer, William R. Medicine, Department of			100		
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	Yes	\$14,741	\$3,685	\$18,426	\$18,426
	Combined Use of Interferon Beta-1a and Glatiramer Acetate to E		*,	70,000	, ,	, ,
	Agent Alone in Patients with Relapsing Remitting Multiple Sclere	osis				
	(CombiRx-Phase III)					
8/1/04 to 11/30/13	National Institute of Neurological Disorders and Stroke through Mod Medicine - New York City	unt Sinai School of				
Role	Name Department			% Credit		
PI/PD	Koffman, Boyd Neurology, Department of			100		
Co-I	Pirzada, Noor Neurology, Department of					

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Medicine, Colleg	ae of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Neurology, Departmer	<u>-</u>		<u>odon.</u>	<u>Direct Cost</u>	manect cost	<u>Iotal Awaru</u>	Credit
N-101088-01 1/3/05 to 1/2/11	Carotid Revascularization Endarterector	my vs. Stenting rs and Stroke through University of Medicine &	Yes	\$7,720	\$1,930	\$9,650	
Role PI/PD Co-I Co-I Co-I Co-I	Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A.	Department Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-101323-01 10/24/05 to 10/23/12	The Impact of Switching to Continuous Non-motor Side Effects GlaxoSmithKline		Yes	\$1,715	\$429	\$2,144	\$2,144
Role PI/PD	Elmer, Lawrence	<u>Department</u> Neurology, Department of			<u>% Credit</u> 100		
N-101443-01 4/11/06 to 4/10/13	A Multi-center, Open-label, Long-term, S Study of Retigabine in Adult Epilepsy Pa Seizures (Extension of Study VRX-RET- GlaxoSmithKline through Quintiles, Inc.	atients with Partial-onset	Yes	\$1,016	\$254	\$1,270	\$1,270
Role PI/PD Co-I	Name <u>E</u> Ali, Imran	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-119915-01 7/18/07 to 7/17/13	A Historical-controlled, Multicenter, Dou Assess the Efficacy and Safety of Conve Monotherapy in Subjects with Partial-on Schwarz Biosciences, Inc.	ersion to Lacosamide 400mg/day	Yes	\$8,103	\$2,026	\$10,129	\$10,129
Role PI/PD Co-I Co-I Statistician	Ali, Imran M Greenfield, Lazar John M Ramsey-Williams, Vicki A. M	Department Neurology, Department of			<u>% Credit</u> 100		
N-119916-01 7/18/07 to 7/17/14	A Multicenter, Open-label Extension Tria of Lacosamide Monotherapy and Safety and Adjunctive Therapy in Subjects with Schwarz Biosciences, Inc.	of Lacosamide Monothereapy	Yes	\$3,863	\$966	\$4,828	\$4,828
Role PI/PD Co-I Co-I	Ali, Imran N Greenfield, Lazar John N	Department Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ege of	Cash?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
leurology, Departme	nt of					
N-119930-01 7/24/07 to 7/23/12	A Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group Trial to Assess Rotigotine Transdermal System Response in Subjects with Advanced-stage Parkinson's Diseas Schwarz Biosciences, Inc.	Dose	\$80	\$20	\$100	\$100
Role	Name Department			% Credit		
PI/PD	Elmer, Lawrence Neurology, Department of	f		100		
N-120608-01 12/5/08 to 12/4/14	A 14-Month Open-label Extension Phase of the Double-blind, Placebo-controlled, Dose Escalation, Parallel-Group Studies to the Efficacy and Safety of E2007 (perampanel) Given as Adjunct Therapy in Subjects with Refractory Partial Seizures Eisai Medical Research Inc. through PPD Development, LLC		\$6,905	\$1,726	\$8,631	\$8,631
Role	Name Department			% Credit		
PI/PD	Ali, Imran Neurology, Department of	of		100		
Co-I	Greenfield, Lazar John Neurology, Department of					
N-120686-01 10/1/08 to 9/30/13	A Multi-center, Open-label Extension Study to Examine the Sat Tolerability of ACP-103 in the Treatment of Psychosis in Parkir Disease Acadia Pharmaceuticals, Inc.	-	\$13,409	\$3,352	\$16,761	\$16,761
Role	Name Department			% Credit		
PI/PD	Elmer, Lawrence Neurology, Department of	of		100		
N-121292-01 7/20/09 to 5/31/14	An Open-Label, Multi-Center, Follow-Up Study Designed to Eva Long-Term Effects of Rasagiline in Parkinson's Disease Subject Participated in the ADAGIO Study Teva Neuroscience. Inc.		\$3,674	\$919	\$4,593	\$4,593
Role	Name Department			% Credit		
PI/PD	Elmer, Lawrence Neurology, Department of	of		100		
N-121712-01 3/10/10 to 3/9/14	Efficacy and Safety of Eslicarbazepine Acetate (BIA 2-093) as A Therapy for Refractory Partial Seizures Sepracor		\$8,473	\$0	\$8,473	\$8,473
Role PI/PD Co-I Co-I	Name Department Ali, Imran Neurology, Department of Cli, Hongyan Ramsey-Williams, Vicki A. Neurology, Department of Cli	ces		<u>% Credit</u> 100		
N-122000-01	A Multi-Center, Double-Blind, Randomized, Parallel-Group, Pla Controlled Study to Assess the Clinical Effect of Droxidopa in Treatment of Symptomatic Neurogenic Orthostatic Hypotensic Patients with Parkinson's Disease	the	\$16,730	\$4,182	\$20,912	\$20,912
5/14/10 to 5/13/13	Chelsea Therapeutics Inc through PPD Development, LLC					
Role PI/PD Co-I	Name Elmer, Lawrence Nicholas-Bublick, Selena C. Department Neurology, Department of Resid Prgm-Neuroscience			<u>% Credit</u> 100		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Neurology, Departmer	nt of						
N-122002-01	An Open-Label Extension Safety Trial Neuropathicpain Associated With HIV A0081251)		Yes	\$1,575	\$425	\$2,000	
11/15/10 to 11/14/11	Pfizer, Inc. through ICON Clinical Resea	arch, Inc.					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD Co-I	Duggan, Joan Koffman, Boyd	Medicine, Department of Neurology, Department of			100		
N-122032-01	A Multicenter, Placebo-Controlled, Do		Yes	\$11,872	\$3,205	\$15,078	\$15,078
	Safety and Efficacy of Pimavanserin in	n the Treatment of Psychosis in					
7/45/40 to 4/45/40	Parkinson's Disease						
7/15/10 to 4/15/13	Acadia Pharmaceuticals, Inc.	Danashuant			0/ 0		
Role PI/PD	Name	Department			<u>% Credit</u> 100		
Co-I	Elmer, Lawrence Scott, Mary E.	Neurology, Department of Neurology, Department of			100		
Co-I	Spears, Julia L.	Neurology, Department of					
Co-I	Wilson, Stephanie	Neurology, Department of					
N-122093-01	A Phase 3, Double-Blind, Placebo- and		Yes	\$47,401	\$12,798	\$60,199	\$60,199
	Dose-Range-Finding Efficacy and Safe	ety Study of Preladenant in					
	Subjects with Early Parkinson's Disea	se					
1/12/11 to 1/11/14	Schering Plough Research Institute						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 A	•	Yes	\$10,276	\$2,774	\$13,050	\$13,050
	Droxidopa In Subjects With Primary A	· · · · · · · · · · · · · · · · · · ·					
	Hydroxylase Deficiency Or Non-Diabe	tic Neuropathy And Symptomatic					
10/0/10 to 7/7/11	Neurogenic Orthostatic Hypotension						
12/8/10 to 7/7/14	Chelsea Therapeutics Inc	- · · ·			0/ 0 17		
Role	Name	<u>Department</u>			% Credit		
PI/PD Co-I	Elmer, Lawrence	Neurology, Department of			100		
N-122177-01	Nicholas-Bublick, Selena C.	Resid Prgm-Neurosciences	Yes	\$1,443	\$390	\$1,833	\$1,283
10/25/11 to 10/24/13	Phase 3 Study in Progressive Multiple AB Science	Scierosis	res	Φ1,443	\$390	Φ1,033	⊅1,∠03
		Donartment			% Cradit		
Role PI/PD	Name Koffman Boyd	<u>Department</u> Neurology, Department of			% Credit 30		
Co-I	Koffman, Boyd Cole, Kimberly A.	Neurology, Department of Neurology, Department of			20		
Co-I	Korsnack, Andrea	Neurology, Department of			20		
Co-I	Ramsey-Williams, Vicki A.	Resid Prgm-Neurosciences			30		

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
eurology, Departme	ent of						
N-122200-01	evaluate the efficacy and safety of stroke	l-group, placebo-controlled study to desmoteplase in acute ischemic	Yes	\$591	\$159	\$750	\$750
3/31/11 to 3/30/14	Lundbeck Inc.						1
Role PI/PD Co-I	<u>Name</u> Tietjen, Gretchen Li, Hongyan	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122252-01	A Randomized, Double-blind, Place	<u>`</u>	Yes	\$2,946	\$795	\$3,741	\$3,180
	Parallel-group Study to Evaluate the in Subjects (greater than or equal Onset Seizures (Phase III) (Protoco	ne Efficacy and Safety of Brivaracetam to 16 to 80 years old) with Partial					
3/16/11 to 3/15/14	UCB Biosciences						1
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of			<u>% Credit</u> 55 15 15 15		
N-122627-01	Phase 3, Open-Label, Multicenter, Long-Term Safety And Efficacy Of	Follow-Up Study To Evaluate The Treatment In Subjects Aged 16 Years	Yes	\$15,798	\$4,265	\$20,064	\$10,032
3/25/11 to 3/24/14	UCB Pharma, Inc.	55					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 20 30 20 20		
N-122664-01	A doubleblind, randomized, placek	o-controlled study of the safety and	Yes	\$36,757	\$9,924	\$46,681	\$46,681
1/21/11 to 2/22/12	efficacy of SYN115 as adjunctive the Parkinson's subjects with end of d						
4/21/11 to 3/22/13 Role	Biotie Therapies Inc. Name	<u>Department</u>			% Credit		
PI/PD Co-I	Elmer, Lawrence Menezes, Krishe	Neurology, Department of Neurology, Department of			70 30		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
leurology, Departmer	nt of						
N-122744-01 5/2/11 to 5/1/14		· -	Yes	\$13,432	\$3,627	\$17,059	\$11,941
Role PI/PD Co-I Co-I Co-I	Name Koffman, Boyd Cole, Kimberly A. Elsamaloty, Haitham M. Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Radiology, Department of Neurology, Department of			% Credit 30 20 30 20 20		
N-122762-01 12/15/10 to 3/31/13	A long term, multicenter, non-interv monitoring long-term safety and eff (fingolimod 0.5 mg) in patients with participated in the fingolimod clinic Novartis	entional, observational study ectiveness of Gilenya® 0.5 mg multiple sclerosis who have	Yes	\$89	\$24	\$113	\$113
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Korsnack, Andrea	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 95 5		
N-122778-01 2/16/12 to 3/22/14	A Double-blind, Randomized, Place Parallel-group Study with an Open- the Efficacy and Safety of Adjunctiv Generalized Tonic-Clonic Seizures Eisai Inc.	abel Extension Phase to Evaluate	Yes	\$787	\$213	\$1,000	\$400
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122779-01	in Subjects with Treatment Resistar	the Efficacy and Safety of YKP3089	Yes	\$14,728	\$3,977	\$18,705	\$14,964
1/5/12 to 3/22/14	SK Life Science, Inc.						
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 70 10 10 10		

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Medicine, Colleg	ge of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Neurology, Departmen			<u> </u>	<u>Direct Cost</u>	indirect cost	<u>Total Awaru</u>	Credit
N-122780-01	A Randomized, Multicenter, Double Parallel-Group, Phase 3 Study to Ev		Yes	\$5,807	\$1,568	\$7,375	\$2,950
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122781-01 10/6/11 to 10/5/12	Open-Label Extension Study to Eva Adjunctive Therapy in Patients with who had Participated in P09-004, a I Double-Blind, Placebo-Controlled, I PPD Development, LLC	Refractory Partial-Onset Seizures Randomized, Multicenter,	Yes	\$591	\$159	\$750	\$300
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122949-01 10/17/11 to 10/16/12	A Multicenter, Open-Label, Four-Arr Safety And Tolerability Of Brivarace Administered In Bid Regimen As An In Subjects From 16 To 70 Years Su UCB Biosciences	tam Intravenous Infusion And Bolus, Adjunctive Antiepileptic Treatment	Yes	\$3,740	\$1,010	\$4,750	\$1,900
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122982-01 7/1/12 to 6/30/13	Chemotherapeutic Regulation of Au Cytotoxicity American Heart Association - Great F		No	\$63,095	\$6,310	\$69,405	
Role PI/PD Co-I Co-I Co-I	Name Quinn, Anthony Gunning, William T. Hacker, Estate of Dr. Miles P. Koffman, Boyd	Department Biological Sciences, Department of Biochemistry & Cancer Biology, Department of Pharmacology, Department of Neurology, Department of			% Credit 100		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
leurology, Departme	nt of						
N-123143-01 3/14/12 to 3/13/14	Extended Release Amantadine Safe Levodopa-Induced Dyskinesia (EAS Adamas Pharmaceuticals		Yes	\$10,664	\$2,879	\$13,543	\$13,543
Role PI/PD	Name Elmer, Lawrence	<u>Department</u> Neurology, Department of			% Credit 100		
N-123247-01 3/12/12 to 3/11/14	Double-Blind, Randomized, Historic	al Control Study of the Safety and Monotherapy in Subjects with Partial	Yes	\$12,369	\$3,340	\$15,708	\$15,708
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		
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						
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-123251-01	ROTIGOTINE - SP1055 Study		No	\$42,870	\$11,575	\$54,445	\$54,445
10/10/11 to 5/31/14	UCB Biosciences			. ,	. ,	. ,	. ,
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Youssef, Wael I.	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-123684-01	A single arm, open-label, multicente safety, tolerability and efficacy of 0. administered orally once daily in pa	er study evaluating the long-term 5 mg fingolimod (FTY720)	Yes	\$846	\$254	\$1,100	\$1,100
8/12/12 to 8/11/14	Novartis						
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Menezes, Krishe	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 50 50		
N-123766-01	A 12-month, randomized, rater- and efficacy and safety of fingolimod 0.0 once daily with glatiramer acetate 2 once daily in patients with relapsing	dose-blinded study to compare the 25 mg and 0.5 mg administered orally 0 mg administered subcutaneously	Yes	\$846	\$254	\$1,100	\$1,100
3/1/12 to 2/28/14	Novartis						
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Menezes, Krishe	<u>Department</u> Neurology, Department of Neurology, Department of			<u>% Credit</u> 50 50		

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<i>l</i> ledicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
	-	Sum of Department (N	leurology, Depart				\$417,617
leurosciences, Depa	artment of						
C-120600-22	Methamphetamine Toxicity and Corti	costriatal Glutamate	No	\$193,943	\$90,529	\$284,472	\$284,472
5/1/13 to 4/30/14	National Institute on Drug Abuse						
Role PI/PD	<u>Name</u> Yamamoto, Bryan K.	<u>Department</u> Neurosciences, Department of			<u>% Credit</u> 100		
C-120840-04	Mechanisms Controlling the Function Nicotinic Synapses	n and Development of Neuronal	No	\$100,134	\$49,867	\$150,001	\$150,001
3/1/13 to 2/28/14	National Science Foundation						
Role PI/PD	<u>Name</u> Margiotta, Joseph	<u>Department</u> Neurosciences, Department of			<u>% Credit</u> 100		
C-122154-03	The Role of GLT1 in the Modulation of Rats	of Alcohol-Drinking Behavior in P	No	\$146,475	\$72,944	\$219,419	\$21,942
5/1/13 to 4/30/14	National Institute on Alcohol Abuse and	d Alcoholism					
Role PI/PD	Name Sari, Youssef	Department Pharmacology, Department of			% Credit 90		
C-122851-02	Yamamoto, Bryan K. Mechanism of transport of secretory	Neurosciences, Department of	No	\$125,000	10	\$42E 000	\$135,00 0
	pathway National Institute of Child Health & Hui		NO	\$125,000	\$10,000	\$135,000	\$135,000
9/1/12 to 2/28/14 Role		,			% Credit		
PI/PD	<u>Name</u> Park, Joshua Jin-Hyouk	<u>Department</u> Neurosciences, Department of			76 Credit 100		
N-122910-01-A1 4/1/13 to 3/31/14	Longitudinal MRI study of PTSD deve trauma National Institutes of Health	·	No	\$156,558	\$77,966	\$234,524	\$11,72
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Wang, Xin Brickman, Kristopher R. Dennis, Michael Elhai, Jon D. Smirnoff-Poling, Jennifer Boyd Tamburrino, Marijo	Department Psychiatry, Department of Surgery, Department of Radiology, Department of Psychology, Department of Psychiatry, Department of Psychiatry, Department of			% Credit 50 5 0 0		
Co-I	Xie, Hong	Neurosciences, Department of			5		
N-123520-01	Plastinated Anatomical Specimen Le	ase	No	\$82,500	\$0	\$82,500	\$82,500
8/31/12 to 8/31/14	James Madison University	Department			0/ 0: !!!		
Role PI/PD	<u>Name</u> Baptista, Carlos	<u>Department</u> Neurosciences, Department of			<u>% Credit</u> 100		
N-123626-01	Plastination Service for Adrian College	<u> </u>	No	\$34,900	\$ 0	\$34,900	\$34,900
4/1/12 to 7/31/14	Adrian College	90 0 1,000 1	140	ψ υ 1 ,υυυ	Ψ0	Ψ 0 Ψ,000	Ψ0-1,000
Role PI/PD	Name Baptista, Carlos	<u>Department</u> Neurosciences, Department of			% Credit 100		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Neurosciences, Depar				<u>Bircot Coot</u>	mancot Coot	<u>Total / twala</u>	<u>Orodit</u>
N-123627-01	Plastination Service for Eastern V	Vashington University	No	\$6,000	\$0	\$6,000	\$6,00
12/20/12 to 12/19/13	Eastern Washington University	•					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Baptista, Carlos	Neurosciences, Department of			100		
N-123628-01	Plastination Service for Keck Sch	ool 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>			% Credit		
PI/PD	Baptista, Carlos	Neurosciences, Department of			100		
R-120600-21	Methamphetamine Toxicity and C	orticostriatal Glutamate	No	\$222,485	\$110,797	\$333,282	\$333,282
7/1/12 to 4/30/13	National Institute on Drug Abuse						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Yamamoto, Bryan K.	Neurosciences, Department of			100		
		Sum of Department (Neurosci	ences, Depar	tment of) Awar	d Count: 8.15		\$1,062,223
Obatatrias 9 Cymanal	any Danautmant of						
Obstetrics & Gynecol N-121706-01			Yes	¢750		¢750	675
	Precision Therapeutics PT-301		res	\$750	\$0	\$750	\$750
2/46/40 to 2/46/42	Dragician Thereneutica Inc						
2/16/10 to 2/15/13	Precision Therapeutics Inc	Department			0/ Cradit		1
Role	<u>Name</u>	Department Obstatrice & Cynagology Department of			% Credit		
Role PI/PD	<u>Name</u> Manahan, Kelly J.	Obstetrics & Gynecology, Department of			<u>% Credit</u> 100		
Role PI/PD Co-I	<u>Name</u> Manahan, Kelly J. Geisler, John Patrick	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of	Yes	\$600	100	\$750	\$750
Role PI/PD	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Pla	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II	Yes	\$600	·	\$750	\$750
Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II Human Monoclonal Antibody Against	Yes	\$600	100	\$750	\$750
Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II Human Monoclonal Antibody Against	Yes	\$600	100	\$750	\$750
Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line	Yes	\$600	100	\$750	\$750
Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith 6	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II r Human Monoclonal Antibody Against I Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial	Yes	\$600	100	\$750	\$750
Role PI/PD Co-I N-121942-01	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith Covarian Cancer	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II r Human Monoclonal Antibody Against I Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial	Yes	\$600	100	\$750	\$750
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Plantstudy of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith Covarian Cancer Cancer International Research Growth Patrick Name Geisler, John Patrick	Obstetrics & Gynecology, Department of	Yes	\$600	\$150	\$750	\$750
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Plants Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith Covarian Cancer Cancer International Research Growth Patrick Manahan, Kelly J.	Obstetrics & Gynecology, Department of Phuman Monoclonal Antibody Against I Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of		·	\$150 \$150 \$\frac{\% Credit}{100}		
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith COVarian Cancer Cancer International Research Grown Name Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Lab	Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Department of Cebo Controlled, Multi-Center, Phase II of Human Monoclonal Antibody Against I Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Obstetrics & Gynecology, Department of Obstetrics & Gynecolog	Yes	\$600 \$35,535	\$150 \$Credit	\$750 \$45,130	\$750 \$45,130
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith COVarian Cancer Cancer International Research Grown Name Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Labe PROTOCOL TITLE: with Paclitaxe	Obstetrics & Gynecology, Department of Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Dep		·	\$150 \$150 \$\frac{\% Credit}{100}		
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I N-123232-01	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Place Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 1 Chemotherapy in PatientswWith COVARIAN CANCER Cancer International Research Grown Name Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Labe PROTOCOL TITLE: with Paclitaxee with Platinum Resistant Refractor	Obstetrics & Gynecology, Department of Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Dep		·	\$150 \$150 \$\frac{\% Credit}{100}		
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I N-123232-01 2/28/12 to 2/27/13	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Plants Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 10 Chemotherapy in PatientswWith 10 Ovarian Cancer Cancer International Research Grown Name Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Laber PROTOCOL TITLE: with Paclitaxe with Platinum Resistant Refractor Quintiles, Inc.	Obstetrics & Gynecology, Department of Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Sup through Amgen, Inc. Department Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Depar		·	% Credit 100 \$9,594		
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I N-123232-01 2/28/12 to 2/27/13 Role	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Plants Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type of Chemotherapy in PatientswWith Ovarian Cancer Cancer International Research Growth Mame Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Laber PROTOCOL TITLE: with Paclitaxe with Platinum Resistant Refractor Quintiles, Inc. Name	Obstetrics & Gynecology, Department of Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Sup through Amgen, Inc. Department Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Depar		·	% Credit 100 \$9,594		
Role PI/PD Co-I N-121942-01 7/22/10 to 7/21/12 Role PI/PD Co-I N-123232-01 2/28/12 to 2/27/13	Name Manahan, Kelly J. Geisler, John Patrick A Randomized, Double-Blind, Plants Study of Adding AMG 479, a Fully Insulin-Like Growth Factor Type 10 Chemotherapy in PatientswWith 10 Ovarian Cancer Cancer International Research Grown Name Geisler, John Patrick Manahan, Kelly J. A Phase II Randomized Open Laber PROTOCOL TITLE: with Paclitaxe with Platinum Resistant Refractor Quintiles, Inc.	Obstetrics & Gynecology, Department of Human Monoclonal Antibody Against Receptor (IGF-1R) to First Line Optimally Debulked (< 1 Cm) Epithelial Sup through Amgen, Inc. Department Obstetrics & Gynecology, Department of Obstetrics & Gynecology, Depar		·	% Credit 100 \$9,594		

Orthopaedic Surgery, Department of

Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	<u>Γ</u> Total Award	Dept Award Credit
Orthopaedic Surgery,	Department of			<u> </u>		1000.7.000.0	<u> </u>
N-123751-01 1/15/13 to 5/31/14	I-Corps: Injectable Bone Graft Substi	tute Materials	No	\$45,000	\$5,000	\$50,000	\$50,000
Role PI/PD Co-I	<u>Name</u> Jayasuriya, Ambalangodage Mantripragada, Venkata Prasanr	Department Orthopaedic Surgery, Department of Bioengineering, Department of			<u>% Credit</u> 100	_	
Pathology, Departmer	at of	Sum of Department (Orthopaedic Surg	jery, Depar	tment of) Awar	d Count: 1.00		\$50,000
C-122752-02	Targeting CRMP2 to Treat Motor Neu	ron Disease	No	\$98,971	\$9,897	\$108,868	\$108,868
2/1/13 to 1/31/14	Muscular Dystrophy Association - Nati			, , .	, , , , ,	,,	,,
Role PI/PD	Name Hensley, Kenneth	<u>Department</u> Pathology, Department of			<u>% Credit</u> 100		
N-123511-01	Targeting CRMP2 for treatment of MS	3	No	\$13,966	\$0	\$13,966	\$13,966
10/1/12 to 10/31/13	National Multiple Sclerosis Society three	ough University of Illinois at Chicago					
Role PI/PD	<u>Name</u> Hensley, Kenneth	<u>Department</u> Pathology, Department of			<u>% Credit</u> 100		
N-123658-01	Mass Spectrometry Studies of Lipid		No	\$30,000	\$0	\$30,000	\$15,000
8/23/12 to 12/14/13	Mars, Incorporated						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 No Glioblastoma	on-Apoptotic Cell Death to Target	No	\$192,924	\$96,075	\$288,999	
7/10/12 to 6/30/13	National Cancer Institute						
Role	<u>Name</u>	Department			% Credit		
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Department of			80		
Co-I Co-I	Erhardt, Paul W. Mrak, Robert E.	Center for Drug Design and Development Pathology, Department of			20		
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Department of					
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of					
	·	Sum of Department (Pathol	ogy, Depar	tment of) Awar	d Count: 2.50		\$137,834
Pediatrics, Departmer	nt of						
C-010085-34	Regional Comprehensive Genetic Se	rvices	No	\$198,001	\$0	\$198,001	\$198,001
7/1/12 to 6/30/13	Ohio Department of Health - Federal F	Pass-Through Funds					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
PI/PD	Hoo, Joe J.	Pediatrics, Department of					

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	<u>ı</u> Total Award	Dept Award Credit
Pediatrics, Departmer	t of						
C-122287-03	Identification of New Mechanistic Bioma Acetaminophen	rkers of Adverse Responses to	Yes	\$1,665	\$450	\$2,115	\$2,115
4/1/11 to 3/31/12	National Institutes of Health through Arkan	sas Children's Hospital Research Institute	9				
Role PI/PD		<u>epartment</u> ediatrics, Department of			<u>% Credit</u> 100		
N-122404-01	An Open-Label, Multi-Center, Single Arm and Tolerability of Intravenous Zanamivi Hospitalized Adult, Adolescent and Pedia Influenza Infection GlaxoSmithKline	r in the Treatment of	Yes	\$40,850	\$12,255	\$53,106	\$53,106
Role		epartment			% Credit		
PI/PD		ediatrics, Department of			100		
N-122504-01 10/24/11 to 10/23/13	An Evaluation of the Safety, Efficacy and Daptomycin in Pediatric Subjects Aged 1 Complicated Skin and Skin Structure Info Gram-Positive Pathogens Cubist Pharmaceuticals, Inc.	wo to Seventeen Years with	Yes	\$56,574	\$16,972	\$73,546	\$73,546
Role	·	epartment			% Credit		
PI/PD		ediatrics, Department of			100		
N-122559-01	Program Support - Phase 1 Clinical Trial	<u> </u>	Yes	\$21,252	\$10,583	\$31,835	\$31,83
10/21/10 to 10/20/13	Infectious Diseases. Task Order 001 National Institute of Allergy & Infectious Di Inc.			¥=:,=v=	V 10,000	V 0.,000	401,00
Role	Name D	epartment			% Credit		
PI/PD	Blumer, Jeffrey L. P	ediatrics, Department of			100		
N-122588-01	Safety, Tolerability and Pharmacokinetic Moxifloxacin in Pediatric Patients Bayer HealthCare Pharmaceuticals	s of Single Dose Intravenous	Yes	\$6,575	\$1,972	\$8,547	\$8,547
3/9/11 to 5/31/14 Role	•	onartment			% Credit		
PI/PD		<u>epartment</u> ediatrics, Department of			<u>% Credit</u> 100		
N-122589-01	A Randomized, Double-blind, Multicente	Trial to Evaluate the Safety	Yes	\$3,269	\$981	\$4,250	\$4,250
	and Efficacy of Sequential (Intravenous, comparator in Pediatric Subjects with Co	•					
10/24/11 to 10/23/13	Bayer HealthCare Pharmaceuticals						
Role PI/PD		<u>epartment</u> ediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ege of	Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
ediatrics, Departme	<u> </u>	<u> </u>	<u>Direct Oost</u>	<u>indirect cost</u>	<u>Total Awara</u>	Orcuit
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 Cubist Pharmaceuticals, Inc.	Yes	\$20,107	\$6,032	\$26,140	\$26,140
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			% Credit 100		
N-122595-01 3/14/11 to 3/13/14	A Prospective, Randomized, Double-Blind, Multicenter Study to Establish the Safety and Tolerability of Doripenem Compared with Cefepime in Hospitalized Childen with Bacterial Pneumonia Janssen Research & Development, LLC	Yes	\$1,923	\$577	\$2,500	\$2,500
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 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 Role PI/PD	3 Janssen Research & Development, LLC Name Blumer, Jeffrey L. Department Pediatrics, Department of			% Credit 100		
N-122597-01 0/15/11 to 11/11/12	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 Janssen Research & Development, LLC	Yes	\$25,332	\$7,600	\$32,932	\$32,932
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			% Credit 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
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 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
Role PI/PD	Name Blumer, Jeffrey L. Department Pediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ge of	0			_	Dept Award
·	<u> </u>	<u>Cash?</u>	Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
ediatrics, Departme N-122661-01 10/5/11 to 10/4/12	A Pharmacokinetic, Pharmacodynamic and Safety Study of Single and Multiple Doses of Rabeprazole in Pediatric Subjects with GERD 1 to 11 Months Old, Inclusive Janssen Research & Development, LLC	Yes	\$6,917	\$2,075	\$8,992	\$8,992
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-122665-01 10/24/11 to 7/24/13	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 Hoffmann-La Roche, Inc.	Yes	\$2,885	\$865	\$3,750	\$3,750
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-122666-01 10/24/11 to 7/24/13	An Open Label Prospective, Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Intravenous Oseltamivir (Tamiflu) in the Treatment of Children 1 to 12 Years of Agen with Influenza Infection Roche Laboratories, Inc.	Yes	\$2,885	\$865	\$3,750	\$3,750
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			% Credit 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	Yes	\$36,933	\$11,080	\$48,013	\$48,013
10/24/11 to 7/24/13 Role	Cerexa, Inc. Name Department			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of			100		
N-122701-01 9/15/11 to 9/14/12	Safety and Efficacy of Aripiprazole in the Long-Term Maintenance Treatment of Pediatric Patients with Irritability Associated with Autistic Disorder Bristol-Myers Squibb	Yes	\$4,304	\$1,291	\$5,595	\$5,595
Role PI/PD	Name Blumer, Jeffrey L. Department Pediatrics, Department of			<u>% Credit</u> 100		
N-122702-01 0/15/11 to 7/24/13	Multiple Dose Study to Evaluate the Pharmacokinetics, Pharmacodynamics, Safety and Tolerability of Apixaban in Pediatric Subjects with an Indwelling Central Venous Catheter Bristol-Myers Squibb	Yes	\$18,442	\$5,532	\$23,974	\$23,974
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Colle	ane of	0	5		·	Dept Award
<u> </u>		<u>Cash?</u>	Direct Cost	Indirect Cost	<u>Total Award</u>	Credit
ediatrics, Departme	A Multicenter, Randomized, Double-Blind, 8 Week Study To Evaluate	Yes	\$10,288	\$3,087	\$13,375	\$13,375
	The Dose Response, Efficacy And Safety Of Aliskiren In Pediatric		, 2, 22	, ,,,,,,	, ,,	, .,.
	Hypertensive Patients 6-17 Years Of Age					
1/1/11 to 12/31/13	Novartis					
Role	Name Department Plantage Department			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of	h. Vaa	£7.000	100	£40.470	640.470
N-123103-01	A Multicenter, Randomized, Observer-Blinded, Active Controlled Studies to Evaluate the Safety, Tolerability, Efficacy, and Pharmacokinetics of	-	\$7,823	\$2,347	\$10,170	\$10,170
	Single Dose of Ceftaroline Fosamil Versus Comparator in Children Ag					
	Birth to Younger than 12 Years with	,••				
12/8/11 to 12/7/12	Cerexa, Inc.					
Role	Name <u>Department</u>			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of			100		
Co-I Co-I	Barnett, Bruce Alan Pediatrics, Department of					
Co-I	Bhumbra, Nasreen Pediatrics, Department of 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	Yes	\$3,839	\$1,036	\$4,875	\$4,87
	evaluate the long term safety, tolerability and eifficacy of aliskiren					
	compared to enalpril in pediatric hypertensive patients 6-17 years of a	age				
9/15/11 to 9/14/13	Novartis					
Role	Name Department			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of	· ·	400.010	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			0/ 0 17		
Role PI/PD	Name <u>Department</u> Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-123304-01	A double-blind, randomized, stratified, multi-center trial evaluating	Yes	\$7,169	\$1,936	\$9,105	\$9,105
14-125504-01	conventional and high dose oseltamivir in the treatment of	163	φ1,103	φ1,930	φ9,103	φ3,100
	immunocompromised patients with influenza (NV20234)					
11/30/11 to 11/29/13	Genentech, Inc.					
<u>Role</u>	Name <u>Department</u>			% Credit		
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,	Yes	\$32,371	\$9,711	\$42,082	\$42,082
	Pharmacokinetics and Pharmacodynamics Study of Dapagliflozin in					
	Children and Adolescents Aged 10 to 17 Years with Type 2 Diabetes Mellitus.					
6/18/12 to 6/17/14	Bristol-Myers Squibb					
Role	Name Department			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of			100		

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Medicine, Colle	ege of	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Pediatrics, Departme	nt of					
N-123679-01 7/9/12 to 7/11/14	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 Janssen Pharmaceutica, Inc.	Yes	\$5,212	\$1,563	\$6,775	\$6,775
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-123681-01 8/7/12 to 8/6/13	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 Bristol-Myers Squibb	Yes	\$7,404	\$2,221	\$9,625	\$9,625
Role	Name Department			% Credit		
PI/PD	Blumer, Jeffrey L. Pediatrics, Department of			100		
N-123697-01 5/14/12 to 5/13/13	NIBP System Efficacy by Comparison with Intra-Arterial Measurement in the Neonate-Infant Population Welch Allyn, Inc	No	\$11,186	\$3,356	\$14,542	\$14,542
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-123735-01 9/6/12 to 7/24/13	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 Trius Therapeutics, Inc.	Yes	\$6,904	\$2,071	\$8,975	\$8,975
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		
N-123832-01 9/12/12 to 9/11/14	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 Bacteral Pneumonia Cerexa, Inc.	Yes	\$5,823	\$1,747	\$7,570	\$7,570
Role PI/PD	Name Blumer, Jeffrey L. Department Pediatrics, Department of			<u>% Credit</u> 100		
N-123834-01 1/1/14 to 12/31/14	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 Bristol-Myers Squibb	Yes	\$6,654	\$1,996	\$8,650	\$8,650
Role PI/PD	Name Department Blumer, Jeffrey L. Pediatrics, Department of			<u>% Credit</u> 100		

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Medicine, Colleg	ge of		Cash?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Pediatrics, Departmen			<u> </u>	<u>Direct Gost</u>	<u>Indirect Cost</u>	<u>Iotal Award</u>	Orcuit
N-123835-01	Evaluation of the Pharmacokin Saxagiiptin, and Metformin in Years with Type 2 Diabetes Me	netics of Saxagliptin, 5·Hydrcxy Children and Adolescents Aged 10 to 17 tilitus Following Oral Administration of Fixed Dose Combination Tablet and Co-	Yes	\$6,654	\$1,996	\$8,650	\$8,650
Role	Name	Department			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
N-123836-01 8/22/12 to 8/21/14	Evaluating the Safety, Tolerab Ceftaroline Versus Ceftriaxone	oserver Blinded, Active-Controlled Study ility, Pharmacokinetics, and Efficacy of in Pediatric Subjects With I Pneumonia Requiring Hospitalization	Yes	\$6,750	\$2,025	\$8,775	\$8,775
	,	Department			% Credit		
Role PI/PD	<u>Name</u> Blumer, Jeffrey L.	<u>Department</u> Pediatrics, Department of			76 Credit		
T-122287-02		stic Biomarkers of Adverse Responses to	Yes	\$1,412	\$703	\$2,115	\$2,115
4/1/10 to 3/31/11	•	ough Arkansas Children's Hospital Research Institute					
Role	Name	Department			% Credit		
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of			100		
		Sum of Department (Pediatri	cs, Depar	tment of) Awar	d Count: 34.00		\$720,901
Phys Pharm Met/Cardi C-010087-25	io Science, Department of Digitalis-Induced Signaling by	Cardiac Na±/K± ATPaca	No	\$1,077,410	\$375,943	\$1,453,353	
4/1/13 to 3/31/14	National Heart, Lung & Blood Ir		NO	φ1,077,410	ψ373,9 4 3	φ1,400,000	
Role	Name	Department			% Credit		
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
5/1/13 to 4/30/14	National Institute of Diabetes, D	igestive & Kidney Diseases					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of			90		
Co-I	Sanchez, Edwin	Phys Pharm Met/Cardio Science, Department of			10		

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Medicine, Colleg	ne of		Cash?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
	o Science, Department of		<u>Odon:</u>	<u>Direct Cost</u>	indirect Cost	<u>IOIAI AWAIU</u>	<u> Credit</u>
C-120298-05	Choose Ohio First Scholarship Prog	gram	No	\$37,600	\$0	\$37,600	
7/1/12 to 6/30/14	Ohio Board of Regents through Ohio	University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Blumenthal, Robert	Med Microbiology & Immunology, Department of	f		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	n Channels During Chronic BZ	No	\$12,372	\$0	\$12,372	\$12,372
4/1/13 to 5/31/13	Treatment in Rats National Institute on Drug Abuse						
Role	Name	Department			% Credit		
Stdnt Schol	Earl, Damien E.	Phys Pharm Met/Cardio Science, Department of	f		100		
C-121746-02	Na/K-ATPase Reduction in Renal Di	sease-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>			% Credit		
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 Contr	olled-Release PZP Contraceptive	No	\$119,048	\$30,952	\$150,000	\$150,000
0/07/40/ 0/00/40	Vaccine For Wild Horses						
8/27/12 to 9/29/13	Bureau of Land Management				0/ 0 !!!		
Role	<u>Name</u>	<u>Department</u>	_		% Credit		
PI/PD	Turner, John	Phys Pharm Met/Cardio Science, Department of			100		
C-122214-03	Receptor Na/K-ATPase Antagonists	As Novel Therapeutics For	No	\$381,281	\$156,066	\$537,347	\$537,347
	Renal/Cardiac Diseases						
6/1/13 to 5/31/14	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of			100		
Co-I	Liu, Lijun	Phys Pharm Met/Cardio Science, Department of	Γ				
Co-l	Tian, Jiang	Medicine, Department of	•	****	A	4070 704	40-0
C-122444-02 12/1/12 to 11/30/13	TRPC3 Protein in Molecular and Cel National Institutes of Health	lular Events During Atherogenesis	No	\$238,000	\$118,524	\$356,524	\$356,524
Role	Name	<u>Department</u>			% Credit		
PI/PD	<u>Name</u> Vazquez, Guillermo	Phys Pharm Met/Cardio Science, Department or	f		100		
Co-I	Abraham, Nader G.	Phys Pharm Met/Cardio Science, Department of			100		
Co-I	Pierre, Sandrine V.	Phys Pharm Met/Cardio Science, Department of					
Co-I	Wooten, Ronald Mark	Med Microbiology & Immunology, Department of					

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ledicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Credit
hys Pharm Met/Card	io Science, Department of						
C-122477-02	Inflammatory Triggers of Polycy	stic Ovarian Syndrome	No	\$118,418	\$58,972	\$177,390	\$177,39
3/1/13 to 2/28/14	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hill, Jennifer E.W.	Phys Pharm Met/Cardio Science, Department of			100		
C-122488-02	CEACAM1: A link between meta	bolic and cardiovascular diseases	No	\$252,853	\$104,468	\$357,321	\$357,32
1/1/13 to 12/31/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Science, Department of			100		
C-122616-02	Innovative Models for Mechanis	tic Studies of Novel Hypertension Genes	No	\$439,765	\$219,003	\$658,768	\$658,76
12/1/12 to 11/30/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	\$356,52
12/1/12 to 11/30/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	\$64,00
1/14/13 to 1/13/14	U. S. Army Medical Research and	Materiel Command					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Science, Department of			100		
C-122950-05	Transcriptional Regulation of Ar	ngiotensinogen Gene	No	\$247,500	\$123,255	\$370,755	\$370,75
7/1/12 to 6/30/13	National Heart, Lung & Blood Inst	titute					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kumar, Ashok	Phys Pharm Met/Cardio Science, Department of			100		
N-123776-01	Cellular Mechanisms of Retrovit	rus Induced Breast Milk Transmitted	No	\$25,000	\$0	\$25,000	\$25,00
	Lymphoma Development						
1/1/13 to 12/31/13	F.M. Douglass Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chakraborty, Joana	Phys Pharm Met/Cardio Science, Department of			100		
Co-I	Duggan, Joan	Medicine, Department of	••	407.000	***		A
N-123983-01	-	arget for novel therapeutics in systemic	No	\$25,000	\$0	\$25,000	\$10,00
4/1/13 to 3/30/14	sclerosis University of Toledo Foundation						
Role	Name	Department			% Credit		
PI/PD	Li, Zhichuan	Medicine, Department of			60		
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Science, Department of			40		

Psychiatry, Department of

				<u>Direct Cost</u>	Indirect Cost	Total Award	<u>Credit</u>
Psychiatry, Departme	nt of						
C-121274-03	ACT Great Lakes Regional Center		No	\$15,000	\$0	\$15,000	\$15,000
2/1/12 to 1/31/13	MetLife Foundation through American	Psychological Association					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Knox, Michele	Psychiatry, Department of			100		
C-121274-04	ACT Great Lakes Regional Center		No	\$16,500	\$0	\$16,500	\$16,500
2/1/13 to 1/31/14	MetLife Foundation through American	Psychological Association					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Knox, Michele	Psychiatry, Department of			100		
N-122910-01-A1	Longitudinal MRI study of PTSD deve	elopment from days to weeks after	No	\$156,558	\$77,966	\$234,524	\$211,072
	trauma						
4/1/13 to 3/31/14	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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-123542-01	ACT: Promoting Healthy, Nonviolent	Relationships for Teen Parents	No	\$15,000	\$0	\$15,000	\$15,000
10/24/12 to 6/30/14	Verizon Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Knox, Michele	Psychiatry, Department of			100		
R-010532-18	Adult Psychiatry Residency and Train	ning Program	No	\$38,096	\$1,905	\$40,001	\$40,001
7/1/12 to 6/30/13	Ohio Department of Mental Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, Mary Kay	Psychiatry, Department of			100		
R-101221-05	Risk and Resilience Factors for Com	bat-Related Posttraumatic	No	\$88,352	\$30,923	\$119,275	\$119,275
	Psychopathology and Post Combat A	Adjustment					
1/1/13 to 9/27/13	U. S. Army Medical Research and Mat	eriel Command through University Hospitals of					
	Cleveland						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tamburrino, Marijo	Psychiatry, Department of			100		
Co-I	Fine, Thomas	Psychiatry, Department of					
Co-I	Rapport, Daniel J.	Psychiatry, Department of					

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Public Hlth/Homeland Security, Department of

Medicine, Coll	ege of		Cash?	Direct Cost	Indirect Cost	<u>L</u> Total Award	Dept Award Credit
ublic Hlth/Homelan	Concession Cash? Direct Cost Indirect Cost Total Award Crest Cash? Direct Cost Indirect Cost Total Award Crest Cash? Direct Cost Indirect Cost Total Award Crest Cash? Direct Cost Indirect Cost Total Award Cash? Direct Cost D						
C-101313-08	Occupational Health Training Grant		No	\$60,542	\$2,018	\$62,560	\$62,560
7/1/12 to 6/30/13	National Institute for Occupational Sa	afety and Health					
Role	<u>Name</u>	<u>Department</u>			% Credit		
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
7/1/12 to 6/30/13	Health Resources & Services Admini	istration					
Role	Name	Department			% Credit		
PI/PD	Saltzman, Barbara	Public Hlth/Homeland Security, Department of			40		
Co-I	•						
Co-I							
Co-I	Khuder, Sadik	• • •					
Co-I	Milz, Sheryl A.				15		
R-108849-05			Yes	\$91.149		\$100.263	\$100,26
	. •	omitoron, or releas and the Board		40.,	40,	¥ .00,200	V 100,200
6/1/10 to 5/31/13	-	ners					
	• • • • • • • • • • • • • • • • • • • •				% Credit		
		Sum of Department (Public HIth/Homela	ind Securit	y, Depart Awar	d Count: 3.00		\$168,535
		sion in Ronal Transplant Recipients	Voe	\$32,000	\$8,000	\$40,000	
14-101334-01		sion in Renai Transplant Recipients	163	Ψ32,000	ψ0,000	Ψ-0,000	
9/6/06 to 1/31/14	• •						
	,	Department			% Credit		
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1 =					100		
		• • • • • • • • • • • • • • • • • • • •					
	,						
	,		Voc	¢42.422	¢2 627	\$17.050	\$5,118
N-122144-01			162	Ψ13,43Z	φ3,62 <i>1</i>	\$17,055	φ 5 , 110
		·					
E/0/44 to E/4/44	•	with interferon-Beta					
						1	
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	-	Dept Award Credit
Radiology, Departmer			<u> </u>	Direct Cost	munect Cost	<u>Total Award</u>	CIEUIL
N-122910-01-A1	Longitudinal MRI study of PTSD deve trauma	elopment from days to weeks after	No	\$156,558	\$77,966	\$234,524	\$0
4/1/13 to 3/31/14	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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			40		
Co-I	Tamburrino, Marijo	Psychiatry, Department of			40		
Co-I	Xie, Hong	Neurosciences, Department of			5		
		Sum of Department (F	Radiology, Depar	tment of) Awar	d Count: 0.30		\$5,118
Resid Prgm-Medicine							
C-122255-02	PROspective Multicenter Imaging Stu	udy for Evaluation of Chest Pain	Yes	\$9,136	\$914	\$10,050	
	(PROMISE Trial)						
5/1/12 to 4/30/14	National Heart, Lung & Blood Institute	through Duke University					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Tinkel, Jodi Lee	Medicine, Department of			80		
Co-I	Colyer, William R.	Medicine, Department of			10		
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine					
Co-I	Khouri, Samer J.	Medicine, Department of			10		
N-101598-01	PRECISION: Prospective Randomize	ed Evaluation of Celecoxib	Yes	\$36,193	\$9,048	\$45,241	
	Integrated Safety vs. Ibuprofen or Na	proxen					
4/6/07 to 1/31/14	Pfizer, Inc. through INC Research, Inc.						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Bruhl, Steven	Resid Prgm-Medicine					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					
Co-I	Vijendra, Divya						
Stdnt Schol	Baas, Tiffany Renee	Medicine, Department of					
N-120829-01	TECOS: A Randomized, Placebo Cor		Yes	\$15,315	\$3,829	\$19,144	
	Cardiovascular Outcomes after Treat	ment with Sitagliptin in Patients					
	with Type 2 Diabetes Mellitus and Ina	•					
1/23/09 to 1/22/14	Merck and Company Inc. through Duk	e University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Akpunonu, Basil	Medicine, Department of			100		
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Resid Prgm-Medicine			<u> </u>	Direct Cost	mancer cost	<u>Total Awara</u>	Orcuit
N-121503-01	Cordis CYPRESS Trial (P09-6301)		Yes	\$3,720	\$930	\$4,650	
11/13/09 to 11/12/13	Cordis Corporation						
Role	Name Depa	rtment			% Credit		
PI/PD	Colyer, William R. Medic	cine, Department of			100		
Co-I	Burket, Mark Medic	cine, Department of					
Co-I	Cooper, Christopher Medic	cine, Department of					
Co-I	Eltahawy, Ehab A. Resid	Prgm-Medicine					
Co-I	Pandya, Utpal Medic	cine, Department of					
Co-I	Tinkel, Jodi Lee Resid	Prgm-Medicine					
N-121592-01	A Randomized, Multicenter, Double-Blind, Pa	arallel, Placebo-Controlled	Yes	\$31,235	\$7,809	\$39,044	
	Study of the Effects of JNJ-28431754 on Car	diovascular Outcomes in					
	Adult Subjects With Type 2 Diabetes Mellitus	(The CANVAS Trial)					
2/24/10 to 1/31/14	Janssen Research & Development, LLC						
<u>Role</u>	Name Depa	<u>rtment</u>			% Credit		
PI/PD	Akpunonu, Basil Medic	cine, Department of			100		
Co-I	Bittar, Samih Medic	cine, Department of					
Co-I	Hinch, Bryan Thomas Resid	Prgm-Medicine					
N-121817-01	A Phase IIIB Multicenter, Double-blind, Rand	omized, Placebo-Controlled	Yes	\$15,122	\$3,024	\$18,146	\$1,089
	Study, Evaluating the Effect of Treatment with	th Dalcetrapib 600 mg on					
	Atherosclerotic Disease as Measured by I. C						
	Ultrasound (IVUS), Quantitative Coronary Ar	igiography II					
5/12/10 to 5/11/14	Hoffman LaRoche through Montreal Heart Inst	itute					
Role	<u>Name</u> <u>Depa</u>	rtment			% Credit		
PI/PD	Colyer, William R. Medic	cine, Department of			88		
Co-I	Burket, Mark Medic	cine, Department of			3		
Co-I	Cooper, Christopher Medic	cine, Department of			3		
Co-I		Prgm-Medicine			3		
Co-I	Tinkel, Jodi Lee Resid	Prgm-Medicine			3		
N-121903-01	Protocol No. BCB 109 entitled "EXenatide St	udy of Cardiovascular	Yes	\$8,555	\$2,310	\$10,865	\$217
	Event Lowering Trial (EXSCEL)"						
8/16/10 to 1/31/14	Amylin Phamaceuticals, Inc. through Duke Uni	iversity					
Role	Name <u>Depa</u>	rtment			% Credit		
PI/PD	Akpunonu, Basil Medic	cine, Department of			95		
Co-I		cine, Department of			3		
Co-I	Hinch, Bryan Thomas Resid	Prgm-Medicine			2		

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Resid Prgm-Medicine	9			2001.0001		1000.7110.0	<u> </u>
N-122784-01	A Prospective, Multicenter, Single E	Blind, Randomized, Controlled Trial	Yes	\$15,343	\$4,143	\$19,486	
	Comparing the Moxy™ Drug Coated	d Balloon vs. Standard Balloon					
	Angioplasty for Treatment of Femore	opopliteal Arteries					
9/14/11 to 9/13/13	Lutonix Inc						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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	Yes	\$42,760	\$11,545	\$54,305	
	Self-expanding Astron and Astron F	Pulsar Stents					
9/3/11 to 9/2/13	Biotronik, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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 comp	are the effect of Fluticasone Furoate/	Yes	\$5,879	\$1,587	\$7,466	\$448
	Vilanterol Inhalation Powder 100/25	mcg with placebo on Survival in					
	Subjects with moderate Chronic Ob	structive Pulmonary Disease (COPD)					
	and a history of or an increased risl	k for cardiovascular disease					
2/18/12 to 2/17/13	GlaxoSmithKline through Parexel Inte	ernational Corporation					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			89		
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine			1		
Co-I	Assaly, Ragheb	Medicine, Department of			1		
Co-I	Avasthi, Salil	Resid Prgm-Medicine			1		
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of			1		
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine			1		
Co-I	Lanka, Kiranmayee	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		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
esid Prgm-Medicine							
N-123060-01	Breviblock Observational Registry	1	Yes	\$1,575	\$425	\$2,000	\$8
11/17/11 to 11/16/12	Baxter Healthcare Corporation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Hammersley, Jeffrey	Medicine, Department of			89		
Co-I	Apostolis, Michael A.	Resid Prgm-Medicine			1		
Co-I	Assaly, Ragheb	Medicine, Department of			1		
Co-I	Avasthi, Salil	Resid Prgm-Medicine			1		
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of			1		
Co-I	Kanjwal, Mohd Shaffi	Resid Prgm-Medicine			1		
Co-I	Lanka, Kiranmayee	Medicine, Department of			1		
Co-I	Olson, Dan	Medicine, Department of			1		
Co-I	Safi, Fadi Alil	Medicine, Department of			1		
Co-I	Singh, Surender	Resid Prgm-Medicine			1		
Co-I	Willey, James	Medicine, Department of			1		
Co-I	Yoon-Krawczyk, Youngsook	Medicine, Department of			1		
N-123141-01	A Phase 3, Multi-Center, Randomiz	zed, Double-Blind, Placebo-Controlled,	Yes	\$20,108	\$5,429	\$25,537	
	52-Week Study to Evaluate the Effi	icacy and Safety of Belimumab					
	(HGS1006) Administered Subcutar	neously (SC) to Subjects with					
	Systemic Lupus Erythematosus (S	SLE)					
3/23/12 to 3/22/14	Human Genome Sciences						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 patient	s with Heart Failure and pulmonary	Yes	\$47,953	\$12,947	\$60,900	\$12,18
	venous hypertension						
12/20/11 to 12/19/12	Gilead Sciences, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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, Rando	omized, Double-Blind,	Yes	\$3,750	\$0	\$3,750	
	Placebo-Controlled Study to Asses	ss the Efficacy and Safety of					
	Tocilizumab Versus Placebo in Pat	•					
6/7/12 to 6/6/14	Genentech, Inc.	•					
Role	Name	Department			% Credit		
PI/PD	Kahaleh, M Bashar	Medicine, Department of			100		

Dept Award

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/ledicine, Colle	ge oi		Cash?	Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
lesid Prgm-Medicine							
N-123436-01	Levant 2, phase 2 Continued Acce	ss Registry	Yes	\$571	\$154	\$725	\$7:
5/11/12 to 5/10/14	Lutonix Inc						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			70		l
Co-I	Cooper, Christopher	Medicine, Department of			10		i
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine			10		l
Co-I	Moukarbel, George Victor	Medicine, Department of			5		i
Co-I	Nahhas, Ahed T.	Medicine, Department of			5		
N-123524-01	Artisan: iCAST RX De Novo Stent I	Placement for the Treatment Of	Yes	\$2,308	\$692	\$3,000	\$45
	Atherosclerotic Renal Artery Stend	sis in Subjects with Resistant					
	Hypertension						
10/12/12 to 10/11/13	Prairie Education & Research Coope	erative/St. John's Hospital					
Role	Name	Department			% Credit		
PI/PD	Burket, Mark	Medicine, Department of			70		i
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	Yes	\$4,462	\$1,338	\$5,800	
	to evaluate the efficacy and safety	of ularitide (urodilatin) intravenous					
	infusion in patients suffering from	acute decompensated heart failure					
	(true-ahf).						
11/19/12 to 11/18/13	Quintiles, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Khouri, Samer J.	Medicine, Department of			100		l
Co-I	Brickman, Kristopher R.	Surgery, Department of					i
Co-I	Burket, Mark	Medicine, Department of					l
Co-I	Colyer, William R.	Medicine, Department of					l
Co-I	Eltahawy, Ehab A.	Resid Prgm-Medicine					l
Co-I	Grubb, Blair	Medicine, Department of					l
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>			% Credit		
PI/PD	Eltahawy, Ehab A.	Resid Prgm-Medicine			100		
Co-I	Khuder, Sadik	Medicine, Department of					i

Resid Prgm-Neurosciences

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Resid Prgm-Neuroscie	ences						
N-121712-01 3/10/10 to 3/9/14	Efficacy and Safety of Eslicarbazepii Therapy for Refractory Partial Seizur Sepracor	· · · · · · · · · · · · · · · · · · ·	Yes	\$8,473	\$0	\$8,473	
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Li, Hongyan	Department Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
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 5/14/10 to 5/13/13 Chelsea Therapeutics Inc through PPD Development, LLC		Yes	\$16,730	\$4,182	\$20,912		
Role PI/PD Co-I	Name Elmer, Lawrence Nicholas-Bublick, Selena C.	Department Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122176-01 12/8/10 to 7/7/14	A Multi-Center, Open-Label Study To Droxidopa In Subjects With Primary Hydroxylase Deficiency Or Non-Diab Neurogenic Orthostatic Hypotension Chelsea Therapeutics Inc	Autonomic Failure, Dopamine Beta etic Neuropathy And Symptomatic	Yes	\$10,276	\$2,774	\$13,050	
Role PI/PD Co-I	Name Elmer, Lawrence Nicholas-Bublick, Selena C.	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		
N-122177-01 10/25/11 to 10/24/13	Phase 3 Study in Progressive Multip AB Science	le Sclerosis	Yes	\$1,443	\$390	\$1,833	\$550
Role PI/PD Co-I Co-I Co-I	Name Koffman, Boyd Cole, Kimberly A. Korsnack, Andrea Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences			% Credit 30 20 20 30		
N-122200-01 3/31/11 to 3/30/14	Randomised, double-blind, parallel-gevaluate the efficacy and safety of destroke Lundbeck Inc.	• • • •	Yes	\$591	\$159	\$750	
Role PI/PD Co-I	<u>Name</u> Tietjen, Gretchen Li, Hongyan	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences			<u>% Credit</u> 100		

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Resid Prgm-Neurosc	iences						
N-122252-01 3/16/11 to 3/15/14	A Randomized, Double-blind, Placebo-co Parallel-group Study to Evaluate the Effi in Subjects (greater than or equal to 16 to Onset Seizures (Phase III) (Protocol No.: UCB Biosciences	cacy and Safety of Brivaracetam o 80 years old) with Partial	Yes	\$2,946	\$795	\$3,741	\$561
Role PI/PD Co-I Co-I Co-I	Ali, Imran N Cole, Kimberly A. N Li, Hongyan R	lepartment leurology, Department of leurology, Department of lesid Prgm-Neurosciences leurology, Department of			<u>% Credit</u> 55 15 15 15		
N-122627-01 3/25/11 to 3/24/14	Phase 3, Open-Label, Multicenter, Follow Long-Term Safety And Efficacy Of Brivaracetam Used As Adjunctive Treatm Or Older With Partial Onset Seizures UCB Pharma, Inc.	v-Up Study To Evaluate The	Yes	\$15,798	\$4,265	\$20,064	\$10,032
Role PI/PD Co-I Co-I Co-I	Ali, Imran N Cole, Kimberly A. N Li, Hongyan R	lepartment leurology, Department of leurology, Department of lesid Prgm-Neurosciences lesid Prgm-Neurosciences			% Credit 30 20 30 20		
N-122778-01 2/16/12 to 3/22/14	A Double-blind, Randomized, Placebo-co Parallel-group Study with an Open-label the Efficacy and Safety of Adjunctive Pe Generalized Tonic-Clonic Seizures Eisai Inc.	Extension Phase to Evaluate	Yes	\$787	\$213	\$1,000	\$600
Role PI/PD Co-I Co-I	Name <u>C</u> Ali, Imran N Cole, Kimberly A. N Li, Hongyan	department deurology, Department of deurology, Department of desid Prgm-Neurosciences desid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122779-01 1/5/12 to 3/22/14	A Phase 2, Multicenter, Double-Blind, Ra Placebo-Controlled Trial to Evaluate the in Subjects with Treatment Resistant Pa SK Life Science, Inc.	Efficacy and Safety of YKP3089	Yes	\$14,728	\$3,977	\$18,705	\$3,741
Role PI/PD Co-I Co-I Co-I	Ali, Imran N Cole, Kimberly A. N Li, Hongyan R	lepartment leurology, Department of leurology, Department of lesid Prgm-Neurosciences lesid Prgm-Neurosciences			<u>% Credit</u> 70 10 10 10		

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Iotal Award	Dept Award Credit
Resid Prgm-Neuroscie	ences			<u> </u>		<u></u>	<u> </u>
N-122780-01 10/6/11 to 10/5/12	A Randomized, Multicenter, Doubl Parallel-Group, Phase 3 Study to E	e Blind, Placebo-Controlled, Evaluate the Efficacy and Safety of Patients with Refractory Partial-Onset	Yes	\$5,807	\$1,568	\$7,375	\$4,425
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30 30		
N-122781-01 10/6/11 to 10/5/12	Open-Label Extension Study to Ev	raluate the Safety of USL255 as th Refractory Partial-Onset Seizures a Randomized, Multicenter,	Yes	\$591	\$159	\$750	\$450
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30		
N-122949-01 10/17/11 to 10/16/12	Safety And Tolerability Of Brivarac	rm, Randomized Trial Evaluating The cetam Intravenous Infusion And Bolus, an Adjunctive Antiepileptic Treatment	Yes	\$3,740	\$1,010	\$4,750	\$2,850
Role PI/PD Co-I Co-I Co-I	Name Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			% Credit 30 10 30 30		
N-123247-01 3/12/12 to 3/11/14		ical Control Study of the Safety and e Monotherapy in Subjects with Partial urrent Antiepileptic Drugs	Yes	\$12,369	\$3,340	\$15,708	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		

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Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Resid Prgm-Neurosc	iences						
N-123248-01 3/12/12 to 3/11/13	Long-Term Eslicarbazepine Acetat Sunovion Pharmaceuticals	e Extension Study	Yes	\$6,996	\$1,889	\$8,885	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Li, Hongyan Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Resid Prgm-Neurosciences			<u>% Credit</u> 100		
		Sum of Department (Resid Pro	gm-Neuros	ciences) Awar	d Count: 3.55		\$23,209
Resid Prgm-Patholog						4/07 700	
C-122062-03	Inherited Genetic Risk Factors Co	•	No	\$347,331	\$118,191	\$465,522	
5/1/13 to 6/30/14 Role PI/PD Co-I	National Heart, Lung & Blood Institution Name Willey, James Blomquist, Thomas M.	Department Medicine, Department of Resid Prgm-Pathology			<u>% Credit</u> 100		
N-123956-01 2/28/13 to 2/27/14	Zilver PTX Drug Eluting Stent Com	npared to Bare Metal Stent in ntion: The Cost Effectiveness of each	No	\$11,811	\$3,189	\$15,000	
Role PI/PD Co-I	Name Burket, Mark Taleb, Mohammed M.	<u>Department</u> Medicine, Department of Resid Prgm-Pathology			<u>% Credit</u> 100		
		Sum of Department (Resi	id Prgm-Pa	thology) Awar	d Count:		
Surgery, Department C-100704-09-W1	Preclinical in vitro and in vivo Scre	eening Assays - Work Assignment #1 -	No	\$33,715	\$16,284	\$49,999	\$49,99
4/30/12 to 6/30/13	Contract Administration and Mana National Cancer Institute	gement					
Role PI/PD	<u>Name</u> Crist, Keith	<u>Department</u> Surgery, Department of			<u>% Credit</u> 100		
C-121526-04 6/1/13 to 5/31/14	Mechanisms Driving Cortical Cyto Invasion National Institutes of Health	skeleton Dynamics in Cancer Cell	No	\$189,199	\$94,221	\$283,420	\$14,17
Role PI/PD Co-I Co-I	<u>Name</u> Eisenmann, Kathryn M. Gunning, William T. Kalinoski, Andrea L.	<u>Department</u> Biochemistry & Cancer Biology, Department of Biochemistry & Cancer Biology, Department of Surgery, Department of			<u>% Credit</u> 90 5 5		

Dept Award

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
urgery, Department o	<u> </u>		<u> </u>	<u>Direct Cost</u>	<u>indirect cost</u>	<u>Iotal Awaru</u>	Orcuit
N-101051-01	The National LymphoCare Study: A Outcomes and Prognosis in Patient Lymphoma	An Observational Study of Treatment, ts with Follicular Non-Hodgkin's	Yes	\$440	\$110	\$550	
9/29/04 to 9/28/12	Genentech, Inc.						
Role PI/PD Co-I Co-I Co-I Dir Ctr/Inst	Name Mohamed, Iman E. Chaudhary, Rekha Skeel, Roland Veltri, Salvatore Braun, Donald P.	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of			<u>% Credit</u> 100		
N-101088-01	Carotid Revascularization Endarter		Yes	\$7,720	\$1,930	\$9,650	\$9,650
1/3/05 to 1/2/11		orders and Stroke through University of Medicine		. ,	. ,		. ,
Role PI/PD Co-I Co-I Co-I Co-I Co-I	Name Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A. Tietjen, Gretchen	Department Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of			<u>% Credit</u> 100		
N-121535-01	<u> </u>	d, Double-Blind, Placebo-Controlled	Yes	\$7,722	\$0	\$7,722	
	Study to Evaluate the Efficacy and Intravenously in Addition to Standa Who are Hospitalized Due to Seriou	Safety of Peramivir Administer ard of Care in Adults and Adolescents	163	Ψ1,122	Ψ	Ψ1,122	
10/30/09 to 10/29/12	BioCryst Pharmaceuticals, Inc.						
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Hammersley, Jeffrey Apostolis, Michael A. Assaly, Ragheb Avasthi, Salil Bauer, Rebecca Brickman, Kristopher R. Duggan, Joan Hernandez, Dawn-Alita R. Kanjwal, Mohammed Y. Lanka, Kiranmayee Olson, Dan Safi, Fadi Alil Singh, Surender Willey, James Yoon-Krawczyk, Youngsook	Department Medicine, Department of Surgery, Department of Medicine, Department of			<u>% Credit</u> 100		

Dept Award

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Medicine, Col	leae of		Cash?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Surgery, Departme			<u> </u>	<u>Direct Cost</u>	indirect Cost	<u>IOIAI AWAIU</u>	Credit
N-122175-01	AngelMed for Early Recognition and Randomized Trial	Treatment of STEMI (ALERTS)	Yes	\$108,765	\$0	\$108,765	\$54,383
3/11/11 to 3/10/14	Angel Medical Systems, Inc.				0/ 0 11/		
Role	Name	<u>Department</u>			% Credit		
PI/PD	Schwann, Thomas A.	Surgery, Department of			25		
Co-I Co-I	Bonnell, Mark Cooper, Christopher	Surgery, Department of Medicine, Department of			25		
Co-I	Kanjwal, Mohammed Y.	Medicine, Department of Medicine, Department of			25 25		
Co-I	Omer, Shuab	Surgery, Department of			25 25		
N-122204-01	Descending Thoracic Aortic Aneurys		Yes	\$1,969	\$531	\$2,500	\$2,500
14-122204-01	Approval Study (THRIVE)	in Liluovasculai Nepali Fost	163	φ1,909	φυσι	Ψ2,300	Ψ2,300
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	Yes	\$3,543	\$957	\$4,500	\$4,500
	System ("Rretrieve")						
12/14/10 to 12/13/	12 Crux BioMedical, Inc through Toledo F	Hospital					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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 dev	elopment from days to weeks after	No	\$156,558	\$77,966	\$234,524	\$11,726
	trauma						
4/1/13 to 3/31/14	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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 Co-I	Elhai, Jon D.	Psychology, Department of Psychiatry, Department of			0		
Co-I	Smirnoff-Poling, Jennifer Boyd Tamburrino, Marijo	Psychiatry, Department of Psychiatry, Department of			40		
Co-I	Xie, Hong	Neurosciences, Department of			5		
N-123137-01	Evaluation of ReeTrakt Retractor in S	•	Yes	\$2,559	\$691	\$3,250	\$3,250
3/1/12 to 2/28/13	Medline Industries, Inc	ourgical i rocedules (i 11-000)	163	Ψ2,333	ΨΟΟΙ	Ψ3,230	Ψ3,230
Role	Name	Donartmont			% Credit		
PI/PD	<u>Name</u> Nazzal, Munier M.S.	<u>Department</u> Surgery, Department of			<u>% Credit</u> 50		
Co-I	Abbas, Jihad T.	Surgery, Department of Surgery, Department of			25		
Co-I	Abbas, Jillad T. Amer, Hammad M.	Surgery, Department of Surgery, Department of			25 25		
Co-I	Kazan, Viviane	Surgery, Department of			25		
Co-I	Qu, Weikai	Surgery, Department of					

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Medicine, Colle	ge of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Surgery, Department of	of						
N-123138-01	PEARL II: PEripheral Use of Angio	Jet® Rheolytic Thrombectomy With a	Yes	\$3,937	\$1,063	\$5,000	\$5,000
	Variety of Catheter Lengths II Regi	stry					
2/24/12 to 2/23/13	MEDRAD, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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					
N-123646-01		double-blind, placebo-controlled trial	Yes	\$4,462	\$1,338	\$5,800	
	-	of ularitide (urodilatin) intravenous					
		acute decompensated heart failure					
	(true-ahf).						
11/19/12 to 11/18/13	Quintiles, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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-123963-01	MORe-CARE		No	\$10,000	\$0	\$10,000	\$2,500
3/1/13 to 2/28/14	Health Resources & Services Admir	istration through Visiting Nurse Association of Mid-On	nio				
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 (Surge	ery, Depart	ment of) Awar	d Count: 6.85		\$157,679
rology, Department of C-121527-04	of Improvement in Paired Donation P	rogram	No	\$242.720	\$97.26 <i>4</i>	\$320.002	
	•	i Ografii	NO	\$242,728	\$87,264	\$329,992	
5/1/13 to 4/30/14	National Institutes of Health				0/ 0		
Role	Name	<u>Department</u>			% Credit		
PI/PD	Stepkowski, Stanislaw M.	Med Microbiology & Immunology, Department of			100		
Co-I	Rees, Michael A.	Urology, Department of					
Statistician	Khuder, Sadik	Medicine, Department of	•-	A 15 =	.	A	A
C-122448-02	Optimization and Simulation of Kic		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>			% Credit		
PI/PD	Rees, Michael A.	Urology, Department of			100		

Medicine, Colle	ege of		Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
rology, Department	of						
N-101334-01	Effect of Sirolimus on Cyst Regrewith Polycystic Kidney Disease	ssion in Renal Transplant Recipients	Yes	\$32,000	\$8,000	\$40,000	
9/6/06 to 1/31/14	Wyeth Pharmaceuticals						1
Role PI/PD Co-I Co-I Co-I	Name Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik	<u>Department</u> Medicine, Department of Radiology, Department of Medicine, Department of			<u>% Credit</u> 100		
N-122226-01	Rees, Michael A. Evaluation of a Standard Acquisit	Urology, Department of ion Charge Model for Kidney Paired	No	\$423,881	\$76,050	\$499,931	\$ 499,93 1
1-122220-01	Donation Donation	non onlinge model for reality runea	140	Ψ420,001	Ψ1 0,000	Ψ-33,301	Ψ+33,30
8/2/12 to 5/31/13	Agency for Healthcare Research a	nd Quality					
Role PI/PD	Name Rees, Michael A.	<u>Department</u> Urology, Department of			<u>% Credit</u> 100		
N-122448-01-A1	Optimization and Simulation of K	idney Paired Donation Programs	No	\$15,781	\$7,859	\$23,640	\$23,640
4/1/12 to 3/31/13	National Institutes of Health throug	h University of Michigan					
Role PI/PD	<u>Name</u> Rees, Michael A.	<u>Department</u> Urology, Department of			<u>% Credit</u> 100		
N-123876-01	A 24 month, single center, pilot, o	pen label, randomized, controlled trial	Yes	\$90,662	\$0	\$90,662	\$54,397
	reduction []Everolimus®lMyfort						
0/45/40 to 0/44/44	tacrolimus Everolimus® in adult	renal transplant recipients					
2/15/13 to 2/14/14	Novartis	Department			0/ Can dit		1
Role PI/PD	<u>Name</u> Rees, Michael A.	<u>Department</u> Urology, Department of			<u>% Credit</u> 60		
Co-PI	Kaw, Dinkar	Medicine, Department of			30		
Co-I	Malhotra, Deepak K.	Medicine, Department of			10		
N-124167-01	<u> </u>	f Psychophysiologic and Autonomic	No	\$57,115	\$27,929	\$85,044	\$85,044
3/1/13 to 5/31/14	National Institute of Diabetes, Dige University/Case Medical Center	stive & Kidney Diseases through Case Western	n Reserve				
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Singla, Ajay K.	Urology, Department of			100		
		Sum of Department	(Urology, Depar	tment of) Awa	rd Count: 4.60	_	\$686,651
		Cura of Call	ege (Medicine, C		rd Count: 197.77		\$18,634,855

Natural Sciences & Mathematics, College of Administration, College of Natural Sciences & Mathematics Cash? Direct Cost Indirect Cost Total Award Credit Credit

Tatarar Ociciic	es & Mathematics, College	5 01	<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Administration, Colle	ge of Natural Sciences & Mathemat	ics					
N-124028-01	The Geometry of Stellar Winds a		No	\$13,682	\$6,225	\$19,907	\$19,907
1/25/13 to 1/24/14	National Aeronautics and Space A	dministration through University of Denver					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bjorkman, Karen S.	Administration, College of Natural Sciences &	Mathematics		100		
		Sum of Department (Administration, Co	ollege of Natu	ıral Scie Awar	d 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
3/16/12 to 3/15/13	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 I	dentify Gene Regulatory Networks in	No	\$169,022	\$76,905	\$245,927	\$245,927
	the Grasses						
1/1/13 to 12/31/13	National Science Foundation throu	igh Ohio State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Gray, John	Biological Sciences, Department of			100		
C-110261-06	Examination of Factors Influenci	ng Virus Disease in Floriculture Crops	No	\$127,273	\$12,727	\$140,000	\$140,000
7/1/12 to 6/30/13	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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
9/1/12 to 8/31/13	National Institutes of Health						
Role	Name	<u>Department</u>			% Credit		
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 A	RS 2010	No	\$119,900	\$0	\$119,900	\$59,950
7/1/12 to 6/30/13	U.S. Department of Agriculture thr	ough University of Wisconsin-Milwaukee					
Role	Name	Department			% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and Educa	ation Center		50		
Co-I	Leaman, Douglas W.	Biological Sciences, Department of			50		
C-122131-03	Assembly, Disassembly and Fun	ction of the Mitotic Checkpoint	No	\$149,807	\$68,162	\$217,969	\$217,969
	Complex						
3/1/13 to 2/28/14	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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
8/1/12 to 7/31/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dong, Fan	Biological Sciences, Department of			100		

latural Science	es & Mathematics, College o	f	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
iological Sciences,	Department of						
N-122982-01 7/1/12 to 6/30/13	Chemotherapeutic Regulation of Au Cytotoxicity American Heart Association - Great R		No	\$63,095	\$6,310	\$69,405	\$69,40
Role	Name	Department			% Credit		
PI/PD Co-I Co-I Co-I	Quinn, Anthony Gunning, William T. Hacker, Estate of Dr. Miles P. Koffman, Boyd	Biological Sciences, Department of Biochemistry & Cancer Biology, Department of Pharmacology, Department of Neurology, Department of			100		
N-123011-01	MLK4 Regulation of MAPK Signaling	l	No	\$240,000	\$109,200	\$349,200	\$349,20
9/1/12 to 8/31/13	National Institutes of Health						1
Role PI/PD	<u>Name</u> Chadee, Deborah N.	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
N-123923-01	Chimeric Nematode Models for Anth	elmintic Discovery	No	\$100,000	\$0	\$100,000	\$100,00
6/1/13 to 5/31/14	Bill and Melinda Gates Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Komuniecki, Richard	Biological Sciences, Department of		****	100	40// 000	
R-110094-06-A1	Locomotion in Parasitic Nematodes		No	\$235,000	\$106,925	\$341,925	\$341,92
4/15/13 to 3/31/14	National Institute of Allergy & Infectiou	_			A		1
Role	Name	Department			% Credit		
PI/PD PI/PD	Bamber, Bruce A. Komuniecki, Richard	Biological Sciences, Department of Biological Sciences, Department of			50 50		
S-110261-06-S1	Examination of Factors Influencing		No	\$36,744	\$3,675	\$40,419	\$40,41
9/18/12 to 7/31/13	U.S. Department of Agriculture			, ,	, , , , , , , , , , , , , , , , , , , 	*,	, ,
Role	Name	Department			% Credit		
PI/PD	Leisner, Scott M.	Biological Sciences, Department of			100		
T-123332-01	The Mechanism of Pericentriolar Ma Biogenesis	terial Assembly During Centrosome	No	\$72,700	\$33,079	\$105,779	\$105,77
8/13/12 to 1/31/13	National Institutes of Health				0/ 0		1
Role	Name	Department			% Credit		
PI/PD	Avidor-Reiss, Tomer	Biological Sciences, Department of	Na	£20.4.20.4	100	£207 200	<u> </u>
T-123333-01 8/13/12 to 7/31/13	Centriole Inheritance During Reprodu	uction	No	\$204,391	\$92,998	\$297,389	\$297,38
Role		Department			% Credit		
PI/PD	<u>Name</u> Avidor-Reiss, Tomer	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
T-123454-01	Invadopodia assembly in pancreation		No	\$44,408	\$20,206	\$64,614) \$64,61
8/13/12 to 6/30/14	National Institutes of Health			Ţ.,,,,,,,	, _0,_0	73.,0.7	70.,01
Role	Name	Department			% Credit		
PI/PD	Goicoechea, Silvia M.	Biological Sciences, Department of			100		

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Natural Science	es & Mathematics, College	e of	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
hemistry, Departme	nt of						
C-121601-03	REU Site Exploring Structure of M	Nolecules and Materials	No	\$63,249	\$7,912	\$71,161	\$71,16
7/1/12 to 6/30/14	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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	American Chemical Society						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	American Chemical Society						
Role	Name	Department			% Credit		
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of			100		
C-123079-02	Umpolung Reactivity in Stereose	ective Synthesis of 2-Deoxy	No	\$82,474	\$37,526	\$120,000	\$120,000
	Glycosides and Thioglycosides	•					
7/1/13 to 6/30/14	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Zhu, Jianglong	Chemistry, Department of			100		
N-123031-01	Quantitative characterization of w	veak interactions	No	\$125,266	\$50,670	\$175,936	\$175,936
8/15/12 to 8/14/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 a	s a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$285,000
9/15/12 to 9/14/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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		400 474	20		0400.00
N-123079-01	Umpolung Reactivity in Stereose	ective Synthesis of 2-Deoxy	No	\$82,474	\$37,526	\$120,000	\$120,000
7/15/12 to 6/20/12	Glycosides and Thioglycosides						
7/15/12 to 6/30/13	National Science Foundation	Department			0/ 0		
Role	Name Zhu, lianglang	Department Chemistry Department of			% Credit		
PI/PD	Zhu, Jianglong	Chemistry, Department of			100		

Natural Science	es & Mathematics, College	e of	Cash?	Direct Cost	Indirect Cost	<u>L</u> <u>Total Award</u>	Dept Award Credit
Chemistry, Departmei	nt of						
N-123173-01 9/15/12 to 9/14/13	SEP Collaborative: Alkaliphilic n processes for renewable fuels an National Science Foundation	nicroalgae-based sustainable & scalable ad products	No	\$594,500	\$270,500	\$865,000	\$173,000
Role PI/PD Co-PI Co-PI	<u>Name</u> Viamajala, Sridhar Varanasi, Sasidhar Yamamoto, Kana	<u>Department</u> Chemical and Environmental Engineering, leading to the chemical and Environmental Engineering, leading to the chemistry, Department of			<u>% Credit</u> 40 40 20		
N-123185-01 7/1/12 to 6/30/13	Stereoselective Synthesis of 2-D Antitumor Natural Products Ohio Cancer Research Associates	eoxy Glycosides and Thioglycosides in	No	\$27,273	\$2,727	\$30,000	\$30,000
Role PI/PD	<u>Name</u> Zhu, Jianglong	<u>Department</u> Chemistry, Department of			<u>% Credit</u> 100		
N-123207-01 1/1/13 to 12/31/13	New Homoleptic Rare-Earth Meta Hydrophosphination Petroleum Research Fund	l Complexes for Catalytic	No	\$100,000	\$0	\$100,000	\$100,000
Role PI/PD	<u>Name</u> Schmidt, Joseph	<u>Department</u> Chemistry, Department of			<u>% Credit</u> 100		
N-123528-01 5/1/13 to 4/30/14	Mechanisms through Advanced	rowth for Determination of Enzyme Diffraction Techniques dministration through Center for the Advancement	No t of	\$160,000	\$40,000	\$200,000	\$100,000
Role PI/PD Co-I Co-I Co-I	Name Schall, Constance Ann Hanson, Bryant L. Mueser, Timothy Ronning, Donald	<u>Department</u> Chemical and Environmental Engineering, Instrumentation Center Chemistry, Department of Chemistry, Department of	Department of		% Credit 25 25 25 25 25		
N-123658-01 8/23/12 to 12/14/13	Mass Spectrometry Studies of Li Mars, Incorporated	pid Oxidation in Commercial Products	No	\$30,000	\$0	\$30,000	\$15,000
Role PI/PD Co-I	<u>Name</u> Hensley, Kenneth Isailovic, Dragan	<u>Department</u> Pathology, Department of Chemistry, Department of			<u>% Credit</u> 50 50		
N-123948-01 6/15/13 to 11/30/13	International Symposium on Mor National Science Foundation	olayer-Protected Clusters (ISMPC13)	No	\$4,744	\$0	\$4,744	\$4,744
Role PI/PD	<u>Name</u> Bigioni, Terry P.	<u>Department</u> Chemistry, Department of			<u>% Credit</u> 100		
S-121601-03-S1 7/1/12 to 6/30/13	REU Site Exploring Structure of National Science Foundation	Molecules and Materials	No	\$26,662	\$3,338	\$30,000	\$30,000
Role PI/PD Co-I	Name Mueser, Timothy Lind-Kovacs, Cora	<u>Department</u> Chemistry, Department of Chemistry, Department of			<u>% Credit</u> 50 50		

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Natural Science	es & Mathematics, College	e of <u>Ca</u>	ısh?	Direct Cost	Indirect Cost	<u>I</u> Total Award	Dept Award Credit
Chemistry, Departme	nt of						
T-123570-02 3/5/13 to 7/31/13		onstructs and Their Application in	No	\$207,500	\$88,953	\$296,453	\$296,453
Role	Name	Department			% Credit		
PI/PD	Andreana, Peter R.	Chemistry, Department of			100		
		Sum of Department (Chemistry, I	Depart	ment of) Awar	d Count: 13.35		\$1,643,544
nvironmental Scien	•						
C-109000-09	Biomonitoring of Nutritional and	Environmental Stress in Plants	No	\$68,727	\$6,873	\$75,600	\$68,040
3/16/12 to 3/15/13	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 ST	•	No	\$454,891	\$38,012	\$492,903	\$59,148
	Environmental Science Learning	Community at the Land-Lake					
7/4/40 to 0/00/44	Ecosystem Interface						
7/1/12 to 6/30/14	National Science Foundation				0/ 0 11/		
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and Education Co	enter		50		
Co-PI	Becker, Richard	Environmental Sciences, Department of			12		
Co-PI Co-PI	Bridgeman, Thomas B. Czajkowski, Kevin Paul	Lake Erie Soil and Water Research and Education Co	enter		13 12		
Co-PI	Gruden, Cyndee	Geography and Planning, Department of Civil Engineering, Department of			13		
C-120164-03			No	\$70,250	\$31,964	\$102,214	\$51,107
0-120104-03	— · · · · · · · · · · · · · · · · · · ·	to Improve Management and Policy in	NO	\$70,230	ψ51,304	Ψ102,21 4	\$31,107
	the Great Lakes	to improve management and roney in					
9/1/12 to 8/31/14		Administration through University of Notre Dame					
Role	Name	Department			% Credit		
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Department of			50		
PI/PD	Bossenbroek, Jonathan	Lake Erie Soil and Water Research and Education Co	enter		50		
C-120735-02	Biophysical Constraints and Res	ource Use Limitations for Maximizing	No	\$26,533	\$8,691	\$35,224	\$35,224
	Biofuel Production	_					
9/1/12 to 11/30/12	U.S. Department of Energy throug	h University of Wisconsin - Madison					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chen, Jiquan	Environmental Sciences, Department of			100		
C-122626-02	Maumee AOC, Wolf Creek: Pass	ive Treatment Wetland to Improve	No	\$514,188	\$54,685	\$568,873	\$284,437
	Nearshore Health and Reduce No	onpoint Source Pollutants					
7/1/12 to 6/30/14	U.S. Environmental Protection Age	ency					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of			50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Education Co	enter		50		

Natural Science	es & Mathematics, College	e of	Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Environmental Science	ces. Department of			<u>Direct coot</u>	mancot Goot	<u>rotar/wara</u>	<u>Orodit</u>
C-122726-02	•	n Jazan Area, Saudi Arabia: Remote	No	\$16,952	\$7,713	\$24,665	\$24,665
8/1/12 to 5/30/14	Saudi Geological Survey through	Western Michigan University					
Role PI/PD Stdnt Schol	<u>Name</u> Becker, Richard Cousino, Luke Kendall	<u>Department</u> Environmental Sciences, Department of Environmental Sciences, Department of			<u>% Credit</u> 100		
C-123001-02	Delta Using Radar Interferometry		No	\$21,818	\$2,182	\$24,000	\$24,000
10/1/12 to 9/30/14	National Science Foundation throu	ugh Western Michigan University					
Role PI/PD	<u>Name</u> Becker, Richard	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 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						
Role PI/PD Co-PI Co-PI Co-PI Co-PI	<u>Name</u> Yan, Yanfa Apul, Defne Bigioni, Terry P. Chen, Jiquan Heben, Michael J.	Department Physics and Astronomy, Department of Civil Engineering, Department of Chemistry, Department of Environmental Sciences, Department of Physics and Astronomy, Department of			<u>% Credit</u> 30 15 15 20 20		
N-123169-01	nutrient metabolism proteins as detection	pased biomarkers and assays for tools for crop improvement and stress	No	\$10,000	\$0	\$10,000	\$10,000
7/1/12 to 6/30/13	Ohio Plant Biotechnology Consort				0/ 0		
Role PI/PD	<u>Name</u> Heckathorn, Scott Alan	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-123361-01	Bathing Beach Monitoring Project	· · · · · · · · · · · · · · · · · · ·	No	\$9,033	\$4,110	\$13,143	\$13,143
5/21/12 to 8/31/12		ency through Ohio Department of Health	NO	ψ3,000	Ψ-,110	ψ10,1 4 0	Ψ10,140
Role PI/PD	<u>Name</u> Dwyer, Daryl	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 100		
N-123362-01 7/1/12 to 6/30/13	Early Bloom Mapping in Lake Eri National Oceanic and Atmospheric	e c Administration through University of Michigan	No	\$27,491	\$12,509	\$40,000	\$40,000
Role PI/PD	<u>Name</u> Becker, Richard	<u>Department</u> Environmental Sciences, Department of			<u>% Credit</u> 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 Age	ency					
Role PI/PD Co-I	<u>Name</u> Stepien, Carol Sigler, William	<u>Department</u> Lake Erie Soil and Water Research and Edu Environmental Sciences, Department of	cation Center		<u>% Credit</u> 50 50		

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atural Science	es & Mathematics, College	of	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
vironmental Scienc	es, Department of						
I-123443-01	Evaluation of Terrestrial Conditio	n Assessment of Restorations for	No	\$20,000	\$0	\$20,000	\$20,00
	Forest Service Lands						
/1/12 to 10/30/13	U.S. Forest Service						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Chen, Jiquan	Environmental Sciences, Department of			100		
I-123493-01		ria Loadings to Public Beaches at	No	\$395,097	\$77,394	\$472,491	\$236,24
	Maumee Bay State Park via Enha	nced Riparian Habitat					
0/1/12 to 9/30/13	U.S. Environmental Protection Age	ncy					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of			50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Educ	ation Center		50		
Co-I	Rofkar, Jordan R.	Environmental Sciences, Department of			0		
I-123614-01	Research Support Agreement US	DA-DES-UT	No	\$8,182	\$818	\$9,000	\$9,00
0/1/12 to 9/30/13	U.S. Department of Agriculture						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Fisher, Timothy G.	Environmental Sciences, Department of			100		
I-123699-01	Toledo Harbor Offshore Dredging	Study	No	\$21,244	\$9,666	\$30,910	\$15,45
0/1/12 to 5/31/14	U.S. Army Corps of Engineers thro	ugh Limno-Tech, Inc.					
Role	Name	Department			% Credit		
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of			50		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Educ	ation Center		50		
I-124023-01	Quantification of fish community	pre and post installation of in-stream	No	\$8,364	\$836	\$9,200	\$9,20
	structures and assessing improv						
i/22/13 to 12/31/13	U.S. Fish and Wildlife Service						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Res	ource Use Limitations for Maximizing	No	\$55,620	\$19,283	\$74,903	\$74,90
	Biofuel Production						
2/1/12 to 11/30/13	U.S. Department of Energy through	n University of Wisconsin System					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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	\$21,10
/18/12 to 3/15/13	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Heckathorn, Scott Alan	Environmental Sciences, Department of			100		

Natural Science	es & Mathematics, College	e or	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
nstrumentation Cent	ter		 -				
N-123528-01	Optimization of Protein Crystal G Mechanisms through Advanced I	rowth for Determination of Enzyme Diffraction Techniques	No	\$160,000	\$40,000	\$200,000	\$50,000
5/1/13 to 4/30/14	National Aeronautics and Space A Science in Space	dministration through Center for the Advancemen	t of				
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Str	ructure Analysis	No	\$1,375	\$625	\$2,000	\$2,000
11/1/12 to 11/1/13	BioMed Valley Discoveries, Inc.						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Kirschbaum, Kristin	Instrumentation Center			100		
		Sum of Department (Instrumentation	Center) Awar	rd Count: 1 25		\$52,000
				, , , , , , , , , , , , , , , , , , , ,			¥,
ake Erie Soil and Wa	ater Research and Education Center						
	ater Research and Education Center Graduate Teaching Fellows in ST		No	\$454,891	\$38,012	\$492,903	\$310,529
		EM High School Education: An	No	\$454,891	\$38,012	\$492,903	\$310,529
ake Erie Soil and Wa C-120071-05	Graduate Teaching Fellows in ST	EM High School Education: An	No	\$454,891	\$38,012	\$492,903	\$310,529
	Graduate Teaching Fellows in ST Environmental Science Learning	EM High School Education: An	No	\$454,891	\$38,012	\$492,903	\$310,529
C-120071-05	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface	EM High School Education: An	No	\$454,891	\$38,012 % Credit	\$492,903	\$310,529
C-120071-05 7/1/12 to 6/30/14	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name	EM High School Education: An Community at the Land-Lake		\$454,891		\$492,903	\$310,529
C-120071-05 7/1/12 to 6/30/14 Role	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation	EM High School Education: An Community at the Land-Lake Department		\$454,891	% Credit	\$492,903	\$310,529
C-120071-05 7/1/12 to 6/30/14 Role PI/PD	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Ed	lucation Center	\$454,891	% Credit 50	\$492,903	\$310,529
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Edenvironmental Sciences, Department of Lake Erie Soil and Water Research and Educate Erie Soil Education:	lucation Center	\$454,891	% Credit 50 12	\$492,903	\$310,529
7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B.	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Eden Environmental Sciences, Department of	lucation Center	\$454,891	% Credit 50 12 13	\$492,903	\$310,529
7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Education Environmental Sciences, Department of Lake Erie Soil and Water Research and Education Educ	lucation Center	\$454,891 \$70,250	% Credit 50 12 13 12	\$492,903 \$102,214	\$310,529 \$51,107
7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Education Environmental Sciences, Department of Lake Erie Soil and Water Research and Education Educ	lucation Center lucation Center		% Credit 50 12 13 12 13	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Edenoironmental Sciences, Department of Lake Erie Soil and Water Research and Edenoironmental Sciences, Department of Civil Engineering, Department of Civil Engineering Civil E	lucation Center lucation Center		% Credit 50 12 13 12 13	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI CO-PI C-120164-03	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Edenoironmental Sciences, Department of Lake Erie Soil and Water Research and Edenoironmental Sciences, Department of Civil Engineering, Department of Civil Engineering Civil E	lucation Center lucation Center		% Credit 50 12 13 12 13	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI CO-PI C-120164-03	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to	Department Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering, Department of Comic Impacts of Aquatic Invasive to Improve Management and Policy in	lucation Center lucation Center		% Credit 50 12 13 12 13	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI Co-PI C-120164-03	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospheric	EM High School Education: An Community at the Land-Lake Department Lake Erie Soil and Water Research and Education Environmental Sciences, Department of Lake Erie Soil and Water Research and Educate Environmental Sciences, Department of Civil Engineering, Departm	lucation Center lucation Center		% Credit 50 12 13 12 13 *31,964	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI CO-PI C-120164-03 9/1/12 to 8/31/14 Role	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospheric	Department Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering Civil En	lucation Center		% Credit 50 12 13 12 13 \$12 43 \$31,964	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospherica Name Bossenbroek, Jonathan	Department Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering University of Notre Dames (Department) Environmental Sciences, Department of Lake Erie Soil and Water Research and Edepartment	lucation Center		% Credit 50 12 13 12 13 \$31,964 % Credit 50	. ,	
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI C-120164-03 9/1/12 to 8/31/14 Role PI/PD PI/PD PI/PD C-121388-04	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospherica Name Bossenbroek, Jonathan Bossenbroek, Jonathan	Department Lake Erie Soil and Water Research and Edepartment Sciences, Department of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering University of Notre Dames (Civil Engineering) Department of Civil Engineering University of Notre Dames (Civil Engineering) Department of Civil Engineering (Civil Engineering) Engineering (Civil Engineering) Department of Civil Engineering (Civil Engineering) Department (C	lucation Center No	\$70,250	% Credit 50 12 13 12 13 \$31,964 % Credit 50 50	\$102,214	\$51,107
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI C-120164-03 9/1/12 to 8/31/14 Role PI/PD PI/PD PI/PD C-121388-04	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospherica Name Bossenbroek, Jonathan Bossenbroek, Jonathan	Department Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering University of Notre Dames (Department) Environmental Sciences, Department of Lake Erie Soil and Water Research and Edepartment	lucation Center No	\$70,250	% Credit 50 12 13 12 13 \$31,964 % Credit 50 50	\$102,214	\$51,107
C-120071-05 7/1/12 to 6/30/14 Role PI/PD Co-PI Co-PI Co-PI Co-PI C-120164-03 9/1/12 to 8/31/14 Role PI/PD PI/PD PI/PD C-121388-04 7/1/12 to 6/30/13	Graduate Teaching Fellows in ST Environmental Science Learning Ecosystem Interface National Science Foundation Name Stepien, Carol Becker, Richard Bridgeman, Thomas B. Czajkowski, Kevin Paul Gruden, Cyndee Forecasting Spread and Bioecon Species from Multiple Pathways to the Great Lakes National Oceanic and Atmospheric Name Bossenbroek, Jonathan Bossenbroek, Jonathan VHS Yellow Perch Aquaculture All U.S. Department of Agriculture through	Department Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Lake Erie Soil and Water Research and Edepartment of Civil Engineering, Department of Civil Engineering, Department of Civil Engineering, Department of Comic Impacts of Aquatic Invasive to Improve Management and Policy in Exaministration through University of Notre Dame Department Environmental Sciences, Department of Lake Erie Soil and Water Research and Edepartment of University of Wisconsin-Milwaukee	No No Lucation Center	\$70,250	% Credit 50 12 13 12 13 \$12 \$31,964 % Credit 50 50 \$0	\$102,214	\$51,107

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atural Science	es & Mathematics, College	e of	Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
ke Erie Soil and Wa	ater Research and Education Center	•					
C-121945-02	Extreme Events Impacts on Water and Management of Nutrient Loa	er Quality in the Great Lakes: Prediction	No	\$99,515	\$45,280	\$144,795	\$144,79
1/1/12 to 12/31/13	National Science Foundation throu						
Role	<u>Name</u>	Department			% Credit		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Edu	ucation Center		100		
-122626-02	Maumee AOC, Wolf Creek: Pass	ive Treatment Wetland to Improve	No	\$514,188	\$54,685	\$568,873	\$284,43
	Nearshore Health and Reduce No	onpoint Source Pollutants					
/1/12 to 6/30/14	U.S. Environmental Protection Age	ency					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of			50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Edu	ucation Center		50		
I-123386-01	Early Detection DNA Technology	for High Risk Invasive Fish Species	No	\$418,197	\$180,725	\$598,922	\$299,46
0/1/12 to 9/30/13	U.S. Environmental Protection Age	ency					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and Edu	ucation Center		50		
Co-I	Sigler, William	Environmental Sciences, Department of			50		
I-123493-01	Reduction of Sediment and Bact	eria Loadings to Public Beaches at	No	\$395,097	\$77,394	\$472,491	\$236,2
	Maumee Bay State Park via Enha	ınced Riparian Habitat					
0/1/12 to 9/30/13	U.S. Environmental Protection Age	ency					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Environmental Sciences, Department of			50		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Edu	ucation Center		50		
Co-I	Rofkar, Jordan R.	Environmental Sciences, Department of			0		
I-123699-01	Toledo Harbor Offshore Dredging	g Study	No	\$21,244	\$9,666	\$30,910	\$15,4
0/1/12 to 5/31/14	U.S. Army Corps of Engineers thro	ough Limno-Tech, Inc.					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Department of			50		
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Research and Edu	ucation Center		50		
I-123754-01	A Rapid and Accurate DNA Test t	or Invasive Fish Species from Water	No	\$23,000	\$0	\$23,000	\$23,00
	Samples						
/1/13 to 12/31/13	National Oceanic and Atmospheric	c Administration through University of Michigan					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Stepien, Carol	Lake Erie Soil and Water Research and Edu	ucation Center		100		
I-123875-01	Using new tools to better unders		No	\$6,873	\$3,127	\$10,000	\$10,00
	cyanobacterial algal blooms in L						
5/1/13 to 12/31/13	Ohio Water Development Authority	/					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Dwyer, Daryl	Lake Erie Soil and Water Research and Edu	ucation Center		100		

Natural Science	es & Mathematics, College	e of	Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Mathematics, Departi		· · ·	<u>odon.</u>	<u>Direct Cost</u>	<u>indirect Cost</u>	<u>Iotal Awaru</u>	Credit
N-123132-01 9/1/12 to 8/31/13		ture Flow and Minimal Submanifolds	No	\$6,000	\$1,000	\$7,000	\$7,000
Role PI/PD	<u>Name</u> Tsui, Mao-Pei	<u>Department</u> Mathematics, Department of			<u>% Credit</u> 100		
N-123621-01	Ohio Workforce Accelerator Netw	rork	No	\$813,100	\$83,798	\$896,898	\$44,845
1/1/13 to 12/31/13	Ohio Board of Regents						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Randolph, Brian W.	Civil Engineering, Department of			90		
Co-I Co-I	Gordon, Terribeth R. Hewitt, Paul R.	Administration, College of Business Innovation Mathematics, Department of			5		
C0-1	Hewitt, Faul K.	Sum of Department (Mathemat	tica Danar	tmont of	od Count: 1 05		\$51,845
Neveloe and Astrono	my Department of	Sum of Department (watheman	iics, Depai	unencor) Awar	d Count. 1.05		φ51,04 3
Physics and Astrono C-120503-06	AAS Scientific Editor Research S	tinand	No	\$10,000	\$1,000	\$11,000	\$11,000
3/1/13 to 2/28/14	American Astronomical Society	препи	140	Ψ10,000	Ψ1,000	Ψ11,000	Ψ11,000
Role	Name	Department			% Credit		
PI/PD	Federman, Steven R.	Physics and Astronomy, Department of			100		
C-120755-05		ve Photoelectrochemical Production of	No	\$41,237	\$18,763	\$60,000	\$60,000
8/5/12 to 8/4/13	Hydrogen U.S. Department of Energy through	h Midwest Ontoelectronics LLC					
Role	Name	Department			% Credit		
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		No	\$68,729	\$31,271	\$100,000	\$100,000
7/1/12 to 6/30/13	Jet Propulsion Laboratory						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Smith, John-David T.	Physics and Astronomy, Department of			100		
C-122763-02		Fabrication via Ultra-thin Absorber	No	\$34,364	\$15,636	\$50,000	\$50,000
		(Cd, CBD)-Free Feterojunction Partner					
9/1/12 to 8/31/13		h Old Dominion Unversity Research Foundation					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of			100		
C-122764-02	-	oved Performance CdTe Solar Cells	No	\$58,419	\$26,581	\$85,000	\$85,000
9/1/12 to 8/31/13	, , , , , , , , , , , , , , , , , , , ,	h University of Illinois at Urbana-Champaign					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Collins, Robert W.	Physics and Astronomy, Department of		A 0.1 T 0.2	100	0/	A
C-122870-02	-	cts and Transition Metal Impurities in Si	No	\$31,509	\$14,337	\$45,846	\$45,846
12/20/12 to 12/19/13		h Alliance for Sustainable Energy LLC					
Role	Name	<u>Department</u>			% Credit		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			100		

Natural Science	es & Mathematics, Colleg	e of	Cash?	Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
hysics and Astronor	<u>·</u>		<u> </u>	<u>Direct Cost</u>	ilidilect Cost	<u>IOtal Awaru</u>	Credit
C-122893-02	Electron Microscopy Study of Ph	notovoltaic Materials	No	\$77,778	\$20,221	\$97,999	\$97,999
12/20/12 to 12/19/13		th Alliance for Sustainable Energy LLC	110	ψ. τ.,. τ. σ	¥20,22 i	ψο,,σσσ	ΨΟΙ,ΟΟ
Role	Name	Department			% Credit		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			100		
C-122935-02	Growth, Heat Treatment and The	ory 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 throug	h Alliance for Sustainable Energy LLC					
Role	<u>Name</u>	<u>Department</u>			% Credit		
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	\$71,980
6/1/13 to 11/30/13	ENN Solar Energy Co., Ltd						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			100		
N-121359-03		cular Clouds to Dark Clouds Through	Yes	\$83,791	\$38,125	\$121,916	\$121,91
1/1/10 1- 10/01/10	Ultraviolet CO Measurements	alania induntia a					
1/1/10 to 12/31/13	National Aeronautics and Space A				0/ Cradit	1	
Role PI/PD	<u>Name</u> Federman, Steven R.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-122996-01	Stellar Life and Death in M83: A		No	\$8,412	\$3,827	\$12,239	\$12,239
8/1/12 to 7/31/13	Space Telescope Science Institute	•	110	Ψ0,412	40,02 1	Ψ12,200	Ψ12,20
Role	Name	Department			% Credit		
PI/PD	Chandar, Rupali	Physics and Astronomy, Department of			100		
N-122997-01	Confirming Ultra-Cold (Teff<500)	() Brown Dwarf Suspects Idenfified with	No	\$12,371	\$5,629	\$18,000	\$18,000
	WISE						
9/1/12 to 8/31/13	Space Telescope Science Institute						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Cushing, Michael C.	Physics and Astronomy, Department of			100		•
N-123040-01	MRI: Acquisition of a THz Spectr	oscopic Ellipsometer	No	\$530,000	\$0	\$530,000	\$530,000
9/15/12 to 8/31/13	National Science Foundation				0/ 0 111		
Role	Name	Department			% Credit		
PI/PD	Podraza, Nikolas Jacob	Physics and Astronomy, Department of	Na	£4 207 740	100	£4 000 004	* 050.00
N-123076-01		as a sustainable solar energy pathway	No	\$1,307,719	\$592,282	\$1,900,001	\$950,00
9/15/12 to 9/14/13	National Science Foundation	Department			0/ Cradit	1	
Role PI/PD	<u>Name</u> Yan, Yanfa	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 30		
Co-PI	Apul, Defne	Civil Engineering, Department of			30 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		

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latural Science	s & Mathematics, College	of	Cash?	Direct Cost	Indirect Cost	<u>Total Award</u>	Dept Award Credit
hysics and Astronor	ny, Department of						
N-123180-01 9/1/12 to 8/31/13	DMREF: Collaborative Research: Knowledge Base for Hard Coating National Science Foundation	•	No	\$103,092	\$46,908	\$150,000	\$150,000
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Khare, Sanjay	Physics and Astronomy, Department of			100		
N-123298-01	After the Fall - Why Galaxies Die, a	nd How	No	\$70,000	\$0	\$70,000	\$70,00
7/1/12 to 6/30/13	Research Corporation						
Role PI/PD	<u>Name</u> Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123307-01	Development of AZO Layers for PV	Applications	No	\$87,392	\$39,763	\$127,155	\$127,15
6/1/12 to 5/31/13	ENN Solar Energy Co., Ltd						
Role PI/PD	<u>Name</u> Yan, Yanfa	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123444-01 11/1/12 to 10/31/13	Completing the Census of Ultracoon Neighborhood using HST/WFC3 Space Telescope Science Institute	ol Brown Dwarfs in the Solar	No	\$228,711	\$101,788	\$330,499	\$330,499
Role PI/PD	Name Cushing, Michael C.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123552-01	Diffuse X-ray Emission From Mass	ive Star Clusters in the Antennae	No	\$27,148	\$12,352	\$39,500	\$39,500
1/1/13 to 12/31/13	NASA Marshall Space Flight Center	through Smithsonian Astrophysical Observatory					
Role PI/PD	<u>Name</u> Chandar, Rupali	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123752-01	Brown Dwarf and Exoplanet Weath Cloudy?	er Forecasts: Are Y Dwarfs Partly	No	\$226,495	\$98,505	\$325,000	\$325,00
12/26/1 <u>2</u> to 12/31/13	Jet Propulsion Laboratory						
Role PI/PD	Name Cushing, Michael C.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123775-01	MRI: Acquisition of a THz Spectros	copic Ellipsometer	No	\$100,000	\$0	\$100,000	\$100,00
7/1/12 to 6/30/14	Ohio Board of Regents						
Role PI/PD	<u>Name</u> Podraza, Nikolas Jacob	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
N-123865-01	Growth, heat treatment, and theory	of CdTe thin films	No	\$122,200	\$55,601	\$177,801	\$177,80
6/1/13 to 5/31/14	U.S. Department of Energy through	Battelle					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Yan, Yanfa	Physics and Astronomy, Department of			100		
N-123964-01 3/18/13 to 3/17/14	Origin of massive outer gas reserv Jet Propulsion Laboratory	oirs in early-type galaxies	No	\$13,076	\$5,949	\$19,025	\$19,02
Role PI/PD	Name Smith, John-David T.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		

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latural ocienc	es & Mathematics, College		<u>Cash?</u>	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
hysics and Astrono	my, Department of						
N-124005-01	(SEED) Project	Energy Evolution and Diffusion Studies	No	\$1,718	\$782	\$2,500	\$2,500
4/22/13 to 7/22/13	U.S. Department of Energy throug	h SRI International					
Role PI/PD	<u>Name</u> Heben, Michael J.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
R-110005-07	REU Site: Research Experiences	for Undergraduates in Physics and	No	\$95,905	\$4,095	\$100,000	\$100,000
	Astronomy at The University of T	oledo					
5/1/13 to 4/30/14	National Science Foundation						
Role PI/PD Co-I	<u>Name</u> Irving, Richard E. Kvale, Thomas J.	<u>Department</u> Physics and Astronomy, Department of Physics and Astronomy, Department of			<u>% Credit</u> 60 40		
R-122972-02	Transparent Back Contacts for T		No	\$103,261	\$46,984	\$150,245	\$150,245
10/15/12 to 8/8/13	U.S. Department of Energy through			,,	, ,,,,,	,,	,
Role PI/PD Co-I	<u>Name</u> Heben, Michael J. Phillips, Adam B.	<u>Department</u> Physics and Astronomy, Department of Physics and Astronomy, Department of			<u>% Credit</u> 50 50		
S-122296-02-S1 1/7/13 to 4/14/14	Ultra-high Efficiency and Lightwo for Portable, On-Demand Power Air Force Research Laboratory/VA	• •	No	\$37,801	\$17,199	\$55,000	\$55,000
Role PI/PD	<u>Name</u> Ellingson, Randall J.	<u>Department</u> Physics and Astronomy, Department of			<u>% Credit</u> 100		
S-122296-02-S2 5/22/13 to 4/14/14	Ultra-high Efficiency and Lightwo for Portable, On-Demand Power Air Force Research Laboratory/VA	• •	No	\$60,000	\$0	\$60,000	\$60,000
Role PI/PD	Name Ellingson, Randall J.	<u>Department</u> Physics and Astronomy, Department of			% Credit 100		
S-122296-02-S3 6/7/13 to 4/14/14	Ultra-high Efficiency and Lightwo for Portable, On-Demand Power Air Force Research Laboratory/VA	• •	No	\$33,300	\$0	\$33,300	\$33,300
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Department of			100		
<u>. </u>		Sum of Department (Physics and Ast	ronomy, Depa	artment o Awar	d Count: 28.50		\$3,954,012
		Sum of College (Natural Sciences & I	Mathamatica	College o Awar	d Count: 90 10		\$11,607,250

Nursing, College of

Nursing, College of

Nursing, College of

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

Other		<u>Cash?</u>	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Administration, Enroll	Iment and Placement Services	<u> </u>	<u> Direct Cost</u>	mancet oost	<u>Iotai / Wara</u>	Orcan
C-103911-17	UT Student Support Services	No	\$214,478	\$16,625	\$231,103	
9/1/12 to 8/31/13	U.S. Department of Education					
Role	<u>Name</u>	<u>Department</u>		% Credit		
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

041						<u> </u>	Dept Award
Other			Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Administration, Unsp	pecified						
N-121948-01	Placebo-Controlled Comparison UT-15C Sustained Release Table Hypertension	enter, Double-Blind, Randomized, of the Efficacy and Safety of Oral ts in Subjects with Pulmonary Arterial	Yes	\$2,200	\$550	\$2,750	\$90
5/14/10 to 5/13/11	United Therapeutics Corporation						
Role PI/PD Co-I Co-I	<u>Name</u> Khouri, Samer J. Garris, Theresa Kahaleh, M Bashar	<u>Department</u> Medicine, Department of Administration, Unspecified Medicine, Department of			<u>% Credit</u> 34 33 33		
N-123579-01	Measuring Online Course Design	•	No	\$4,000	\$0	\$4,000	\$4,00
9/20/12 to 9/30/13	Maryland Online	A comparative Analysis		4 -,000	Ψ*	Ψ4,000	Ψ-1,000
Role PI/PD Co-I Co-I Co-I	Name You, Jiyu Ballard, Phoebe J. Hochberg, Sue A. Xiao, Mingli	<u>Department</u> Administration, Unspecified Administration, Unspecified Administration, Unspecified Administration, Unspecified			% Credit 100		
R-110170-06	Upward Bound Program		No	\$379,884	\$25,643	\$405,527	\$405,52
9/1/12 to 8/31/13	U.S. Department of Education						
Role PI/PD	<u>Name</u> Rogers, Pamela N.	<u>Department</u> Administration, Unspecified			<u>% Credit</u> 100		
		Sum of Department (A	dministration, Uns	specified) Awa	rd Count: 2.33		\$410,43
enter for Family Bu N-123382-01		culty Development and Enhancing	No	\$208,858	\$29,240	\$238,098	\$83,33
9/25/12 to 9/24/14	Embassy of the United States Tur	nis, Tunisia					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Sharkey, Thomas W. Hasan, Bassam Nandkeolyar, Udayan Sezer, Ozcan	Department Center for Family Business Information Operations and Technology Information Operations and Technology Finance and Business Economics, Department	Management		% Credit 35 22 22 21		
Swaduata Studios Co	allows of	Sum of Department (C	enter for Family E	Business) Awa	rd Count: 0.35		\$83,334
Graduate Studies, Co	The Role of Endothelial TRPC3 (Channels in Atherogenesis	No	\$43,000	\$0	\$43,000	\$43,000
7/1/12 to 6/30/13	American Heart Association - Gre	•	.40	Ψ-10,000	40	ψ-10,000	Ψ-10,000
Role PI/PD	<u>Name</u> Smedlund, Kathryn B.	<u>Department</u> Graduate Studies, College of			% Credit 100		
1 1/1 2	Officularia, Radilly II D.	Graduate Ottation, College of			100		

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Other			Cash?	Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Graduate Studies, Co	llege of		340	<u>Direct Oost</u>	mancer cost	<u>TOTAL AWAIU</u>	Orcuit
N-123297-01 1/1/13 to 2/28/14	Simultaneous Insulin and Leptin Signa Fertility and Metabolic Homeostasis in National Institutes of Health		No	\$42,232	\$0	\$42,232	\$42,232
Role Stdnt Schol	Name Faulkner, Latrice Doreen	Department Graduate Studies, College of			<u>% Credit</u> 100		
N-123590-01	Payment Agreement for Mugdha Patki		No	\$10,000	\$0	\$10,000	
7/1/12 to 6/30/13	Wayne State University						
Role PI/PD Co-I	<u>Name</u> Patrick, Stephan Patki, Mugdha Rajiv	<u>Department</u> Biochemistry & Cancer Biology, Department of Graduate Studies, College of			<u>% Credit</u> 100		
		Sum of Department (Graduate S	Studies, Co	llege of) Awar	d Count: 2.00	-	\$85,232
Infection Prevention 8	& Control						
N-123725-01	I Can Prevent		No	\$42,500	\$7,500	\$50,000	\$50,000
1/1/13 to 12/31/13	Association for Professionals in Infection	n Control & Epidemiology					
<u>Role</u>	<u>Name</u>	<u>Department</u>			<u>% Credit</u> 100		
PI/PD	Woodman, Kristen Anne Emersor						
	· · · · · · · · · · · · · · · · · · ·	Sum of Department (Infection Pre	evention &	Control) Awar			\$50,000
PI/PD Intermodal Transports C-120628-05	ation Institute	Sum of Department (Infection Pre	evention &	Control) Awar		\$100,001	
Intermodal Transport	· · · · · · · · · · · · · · · · · · ·	Sum of Department (Infection Pre			d Count: 1.00	\$100,001	
Intermodal Transport	ation Institute Analyzing Regional Freight Informatio	Sum of Department (Infection Pre			d Count: 1.00	\$100,001	
C-120628-05 1/1/12 to 9/30/13 Role PI/PD Co-I N-123029-01	Analyzing Regional Freight Informatio U.S. Department of Transportation through Name Lindquist, Peter S. Martinko, Richard S. CFIRE-UTC Recompetition	Sum of Department (Infection Present Resources In Resourc			\$31,272 <u>% Credit</u> 70	\$100,001 \$100,000	\$30,000
Intermodal Transports C-120628-05 1/1/12 to 9/30/13 Role PI/PD Co-I	ation Institute Analyzing Regional Freight Information U.S. Department of Transportation through Name Lindquist, Peter S. Martinko, Richard S.	Sum of Department (Infection Present Resources In Resourc	No	\$68,729	\$31,272 <u>% Credit</u> 70 30		\$30,000
C-120628-05	Analyzing Regional Freight Information U.S. Department of Transportation throughous Name Lindquist, Peter S. Martinko, Richard S. CFIRE-UTC Recompetition U.S. Department of Transportation throughous Name Martinko, Richard S. Lindquist, Peter S. Nims, Douglas K. Phase I Activities Supporting Port Mare Prevention and Removal	Sum of Department (Infection Present Resources In Resources In Resources In High University of Wisconsin - Madison Department Geography and Planning, Department of Intermodal Transportation Institute Intermodal Transportation Institute Department Intermodal Transportation Institute Geography and Planning, Department of Civil Engineering, Department of Civil Engineering, Department of In Bridge Stay Cable Ice	No	\$68,729	\$31,272 **Second Second Secon		\$50,000 \$30,000 \$0 \$13,005
C-120628-05 1/1/12 to 9/30/13 Role PI/PD Co-I N-123029-01 1/1/12 to 1/31/14 Role PI/PD Co-I Co-I Co-I N-123877-01 3/1/13 to 2/28/14	Analyzing Regional Freight Information U.S. Department of Transportation through Name Lindquist, Peter S. Martinko, Richard S. CFIRE-UTC Recompetition U.S. Department of Transportation through Name Martinko, Richard S. Lindquist, Peter S. Nims, Douglas K. Phase I Activities Supporting Port Martines Prevention and Removal Transportation Investment Corporation to	Sum of Department (Infection Present Resources In Resources In Resources In History In Department Geography and Planning, Department of Intermodal Transportation Institute Intermodal Transportation Institute Intermodal Transportation Institute Geography and Planning, Department of Civil Engineering, Department of Intermodal Transportation Institute In Bridge Stay Cable Ice In Bridge Stay Cable Ice In History Infection Present Infection	No No	\$68,729 \$68,729	\$31,272 \$31,272 **Credit 70 30 \$31,271 **Credit 0 90 10 \$19,583	\$100,000	\$30,000 \$0
C-120628-05	Analyzing Regional Freight Information U.S. Department of Transportation throughous Name Lindquist, Peter S. Martinko, Richard S. CFIRE-UTC Recompetition U.S. Department of Transportation throughous Name Martinko, Richard S. Lindquist, Peter S. Nims, Douglas K. Phase I Activities Supporting Port Mare Prevention and Removal	Sum of Department (Infection Present Resources In Resources In Resources In High University of Wisconsin - Madison Department Geography and Planning, Department of Intermodal Transportation Institute Intermodal Transportation Institute Department Intermodal Transportation Institute Geography and Planning, Department of Civil Engineering, Department of Civil Engineering, Department of In Bridge Stay Cable Ice	No No	\$68,729 \$68,729 \$110,463	\$31,272 \$31,272 **Credit 70 30 \$31,271 **Credit 0 90 10	\$100,000	\$30,000 \$0

Office of Research and Innovation

0.11						1	Dept Award
Other			Cash?	Direct Cost	Indirect Cost	Total Award	Credit
Office of Research ar	nd Innovation						
R-108632-10	Support of Agricultural Research of	Mutual Interest	No	\$8,182	\$818	\$9,000	\$9,000
10/1/11 to 9/30/12	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Calzonetti, Frank	Office of Research and Innovation			100		
		Sum of Department (Office of R	esearch and Ini	novation) Awar	d Count: 1.00		\$9,000
Provost, Executive V	P Academic Affairs						
R-108836-08	Camp Adventure Youth Services		No	\$26,000	\$0	\$26,000	\$26,000
9/1/11 to 8/31/12	University of Northern Iowa					. ,	. ,
Role	Name	Department			% Credit		
PI/PD	Traband, Margaret Fitzgerald	Provost, Executive VP Academic Affairs			100		
R-122340-02	Student African American Brotherho	bood	No	\$205,000	\$0	\$205,000	\$205,000
11/1/12 to 10/31/13	John S. and James L. Knight Founda	tion					
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Grant, Brenda S.	Provost, Executive VP Academic Affairs			100		
S-122340-02-S1	Student African American Brotherh	ood	No	\$15,000	\$0	\$15,000	\$15,000
1/31/13 to 4/30/13	John S. and James L. Knight Founda	tion					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Grant, Brenda S.	Provost, Executive VP Academic Affairs			100		
		Sum of Department (Provost, Execu	utive VP Acader	nic Affair Awar	d Count: 3.00		\$246,000
Safety & Health, Office	ce						
C-101007-05	First Spending Plan Hospital Fundi	ng/Regional Healthcare System	Yes	\$32,646	\$0	\$32,646	\$32,646
	Coordination for Disaster Prepared			, ,	**	¥, · · ·	, ,
7/1/11 to 6/30/12	Health Resources & Services Admini	stration & Ohio Department of Health - Federa	I				
	Pass-Through Funds through Hospita	al Council of Northwest Ohio					
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Valigosky, Michael	Safety & Health, Office			50		
Co-I	Jankowski, Gary	Safety & Health, Office		***	50	400.040	****
N-101007-01	First Spending Plan Hospital Fundin		Yes	\$32,646	\$0	\$32,646	\$32,646
4/15/04 to 8/31/07		stration through Hospital Council of Northwest	Unio		0/ 0 17		
Role	Name	Department			% Credit		
PI/PD Co-I	Jankowski, Gary Valigosky, Michael	Safety & Health, Office Safety & Health, Office			100		
R-101007-02	First Spending Plan Hospital Fundi		Yes	\$32,646	\$0	\$32,646	\$32,646
9/1/07 to 8/8/09		เรา stration & Ohio Department of Health - Federa		Ψ02,040		Ψ32,040	Ψ0 2 ,040
0, 1, 01 10 0, 0, 09	Pass-Through Funds through Hospita	· · · · · · · · · · · · · · · · · · ·					
Role	Name	Department			% Credit		
PI/PD	Jankowski, Gary	Safety & Health, Office					
PI/PD	Valigosky, Michael	Safety & Health, Office			100		

Other			Cash?	Direct Cos	st Indirect Cost	Total Award	Dept Award Credit
Safety & Health, Offic			<u> </u>	<u>Direct 003</u>	st mancet cost	<u>Total Awara</u>	Orcait
R-101007-04 7/1/10 to 6/30/11	First Spending Plan Hospital Fund Coordination for Disaster Prepare	dness nistration & Ohio Department of Health - Federal	Yes	\$32,646	\$0	\$32,646	\$32,646
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Valigosky, Michael	Safety & Health, Office			100		
		Sum of Department	(Safety & Healt	h, Office) A	ward 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	Drug Free Action Alliance						_
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Glassman, Tavis J.	Health and Recreation Professions			50		
Co-I	Blavos, Alexis A.	Student Services			50		
Toledo Excel Program	1	Sum of Depart	ment (Student 	Services) A	ward Count: 0.50		\$1,000
C-103911-17	UT Student Support Services		No	\$214,478	\$16,625	\$231,103	\$231,103
9/1/12 to 8/31/13	U.S. Department of Education						
Role PI/PD Co-I Dir Ctr/Inst Dir Ctr/Inst	Name Stone, Robin Young, David Byrd, Ambershaun D. Fedor, John J.	<u>Department</u> Toledo Excel Program Administration, Enrollment and Placement Toledo Excel Program Toledo Excel Program	Services		<u>% Credit</u> 100		
		Sum of Department	(Toledo Excel I	Program) A	ward Count: 1.00		\$231,103
			Sum of Colleg	je (Other) A	ward Count: 15.58		\$1,289,693
Pharmacy & Ph	armaceutical Sciences, Co	ollege of	<u>Cash?</u>	Direct Cos	st Indirect Cost	<u>Total Award</u>	Dept Award Credit
Center for Drug Desig	n and Development						
R-101102-05-A1 7/10/12 to 6/30/13	Development of Novel Inducers of Glioblastoma National Cancer Institute	f Non-Apoptotic Cell Death to Target	No	\$192,924	\$96,075	\$288,999	\$57,800
Role	Name	<u>Department</u>			% Credit		7
PI/PD	Maltese, William A.	Biochemistry & Cancer Biology, Departmen	nt of		<u>78 Credit</u> 80		
Co-I	Erhardt, Paul W.	Center for Drug Design and Development	it Oi		20		
Co-I	Mrak, Robert E.	Pathology, Department of					
Co-I	Overmeyer, Jean H.	Biochemistry & Cancer Biology, Departmen	nt of				
Co-I	Sarver, Jeffrey G.	Pharmacology, Department of					1

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					<u>L</u>	Jept Awaru
armaceutical Sciences, Col	lege of	Cash?	Direct Cost	Indirect Cost	Total Award	Credit
	Sum of Department (Center for Drug Des	ign and D	evelopm Award	Count: 0.20		\$57,800
ical Chemistry, Department of						
Creation of Tools for the Study of O	xidative Damage to Nucleic Acids	No	\$206,184	\$93,816	\$300,000	\$300,000
National Science Foundation						
<u>Name</u>	<u>Department</u>			% Credit		
Bryant-Friedrich, Amanda C.	Medicinal and Biological Chemistry, Department	of		100		
	Sum of Department (Medicinal and Biolog	gical Cher	nistry, D Award	Count: 1.00		\$300,000
rtment of						
	vascular System	No	\$208,271	\$91,639	\$299,910	\$299,910
National Institute of Diabetes, Digestin	ve & Kidney Diseases					
<u>Name</u>	<u>Department</u>			% Credit		
Nauli, Surya M.	Pharmacology, Department of			100		
Influence of Human Gene Variants o	n the Effects of Developmental	No	\$15,154	\$6,668	\$21,822	\$21,822
MeHg Exposure						
National Institutes of Health through L						
Name						
,						
	of Alcohol-Drinking Behavior in P	No	\$146,475	\$72,944	\$219,419	\$197,477
	ad Alcoholism					
				% Credit		
•						
		No	\$39.432		\$39.432	\$39,432
•			, , , , , , , , , , , , , , , , , , , 	**	***,***	, , , , , , , , , , , , , , , , , , ,
	Department			% Credit		
Mohieldin, Ashraf Mohamed				100		
Regulation of IL-6 mediated inflamm	ation and tissue destruction by	No	\$212,500	\$105,825	\$318,325	\$318,325
EGCG						
National Institute of Arthritis & Muscul	oskeletal & Skin Diseases					
<u>Name</u>	<u>Department</u>			% Credit		
Ahmed, Salah-Uddin	Pharmacology, Department of			100		
	toimmunity Without Overt	No	\$63,095	\$6,310	\$69,405	
Cytotoxicity						
American Heart Association - Great R	_				1	
<u>Name</u>	<u>Department</u>			% Credit		
<u>Name</u> Quinn, Anthony	<u>Department</u> Biological Sciences, Department of			<u>% Credit</u> 100		
<u>Name</u>	<u>Department</u>					
i	ical Chemistry, Department of Creation of Tools for the Study of Ox National Science Foundation Name Bryant-Friedrich, Amanda C. The Roles of Primary Cilia in Cardio National Institute of Diabetes, Digestin Name Nauli, Surya M. Influence of Human Gene Variants of MeHg Exposure National Institutes of Health through Under the Modulation Rats Name Williams, Frederick E. The Role of GLT1 in the Modulation Rats National Institute on Alcohol Abuse ar Name Sari, Youssef Yamamoto, Bryan K. Cellular function and structure of prediction in Name Name Mohieldin, Ashraf Mohamed Regulation of IL-6 mediated inflamme EGCG National Institute of Arthritis & Musculation Name Ahmed, Salah-Uddin Chemotherapeutic Regulation of Au	ical Chemistry, Department of Creation of Tools for the Study of Oxidative Damage to Nucleic Acids National Science Foundation Name Bryant-Friedrich, Amanda C. Department Bryant-Friedrich, Amanda C. Medicinal and Biological Chemistry, Department Sum of Department (Medicinal and Biological Chemistry, Department) The Roles of Primary Cilia in Cardiovascular System National Institute of Diabetes, Digestive & Kidney Diseases Name Nauli, Surya M. Department Pharmacology, Department of Influence of Human Gene Variants on the Effects of Developmental MeHg Exposure National Institutes of Health through University of Wisconsin - Madison Name Department Williams, Frederick E. Pharmacology, Department of The Role of GLT1 in the Modulation of Alcohol-Drinking Behavior in P Rats National Institute on Alcohol Abuse and Alcoholism Name Department Sari, Youssef Pharmacology, Department of Yamamoto, Bryan K. Neurosciences, Department of Cellular function and structure of primary cilia National Institutes of Health Name Mohieldin, Ashraf Mohamed Pharmacology, Department of Regulation of IL-6 mediated inflammation and tissue destruction by EGCG National Institute of Arthritis & Musculoskeletal & Skin Diseases Name Department Ahmed, Salah-Uddin Pharmacology, Department of Chemotherapeutic Regulation of Autoimmunity Without Overt	Sum of Department (Center for Drug Design and Dical Chemistry, Department of Creation of Tools for the Study of Oxidative Damage to Nucleic Acids No National Science Foundation Name Bryant-Friedrich, Amanda C. Department Medicinal and Biological Chemistry, Department of Sum of Department (Medicinal and Biological Cheristry, Department of The Roles of Primary Cilia in Cardiovascular System No National Institute of Diabetes, Digestive & Kidney Diseases Name Department Nauli, Surya M. Pharmacology, Department of Influence of Human Gene Variants on the Effects of Developmental No MeHg Exposure National Institutes of Health through University of Wisconsin - Madison Name Department Williams, Frederick E. Pharmacology, Department of The Role of GLT1 in the Modulation of Alcohol-Drinking Behavior in P Rats National Institute on Alcohol Abuse and Alcoholism Name Sari, Youssef Yamamoto, Bryan K. Neurosciences, Department of Pharmacology, Department of Cellular function and structure of primary cilia No National Institutes of Health Name Department Mohieldin, Ashraf Mohamed Pharmacology, Department of Regulation of IL-6 mediated inflammation and tissue destruction by EGCG National Institute of Arthritis & Musculoskeletal & Skin Diseases Name Department Ahmed, Salah-Uddin Pharmacology, Department of Chemotherapeutic Regulation of Autoimmunity Without Overt No	Sum of Department (Center for Drug Design and Developm Award ical Chemistry, Department of Creation of Tools for the Study of Oxidative Damage to Nucleic Acids No \$206,184 National Science Foundation Name Department (Medicinal and Biological Chemistry, Department of Sum of Department (Medicinal and Biological Chemistry, Department of Sum of Department (Medicinal and Biological Chemistry, Department of The Roles of Primary Cilia in Cardiovascular System No \$208,271 National Institute of Diabetes, Digestive & Kidney Diseases Name Department Natural Surya M. Pharmacology, Department of Influence of Human Gene Variants on the Effects of Developmental No \$15,154 MeHg Exposure National Institutes of Health through University of Wisconsin - Madison Name Department Williams, Frederick E. Pharmacology, Department of The Role of GLT1 in the Modulation of Alcohol-Drinking Behavior in P No \$146,475 Rats National Institute on Alcohol Abuse and Alcoholism Name Department Sari, Youssef Pharmacology, Department of Yamamoto, Bryan K. Neurosciences, Department of Yamamoto, Bryan K. Neurosciences, Department of Pharmacology, Department of Regulation of Health Name Department Mohieldin, Ashraf Mohamed Pharmacology, Department of Regulation of IL-6 mediated inflammation and tissue destruction by No \$212,500 RegGCG National Institute of Arthritis & Musculoskeletal & Skin Diseases Name Department Pharmacology, Department of Pharmacology, Department	Sum of Department (Center for Drug Design and Developm Award Count: 0.20 ical Chemistry, Department of Creation of Tools for the Study of Oxidative Damage to Nucleic Acids No \$206,184 \$93,816 National Science Foundation Name Department Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal and Biological Chemistry, Department of 100 Sum of Department (Medicinal Institute of Diabetes, Digestive & Kidney Diseases National Institute of Diabetes, Digestive & Kidney Diseases National Institute of Human Gene Variants on the Effects of Developmental No \$15,154 \$6,668 Medge Exposure National Institutes of Health through University of Wisconsin - Madison Name Department Sum of Medicinal Institutes of Health through University of Wisconsin - Madison Name Department (Milliams, Frederick E. Pharmacology, Department of 100 Sum of Sum	Sum of Department (Center for Drug Design and Developm Award Count: 0.20

Dept Award

Tiailliacy & Fil	armaceutical Sciences, Col	iege oi	Cash?	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
harmacology, Depar	tment of						
N-122995-01	Cellular function and structure of pr	rimary cilia	No	\$39,432	\$0	\$39,432	\$39,432
6/28/12 to 6/27/13	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 s	sulfotransferases and adverse drug	No	\$50,000	\$24,900	\$74,900	\$74,900
	reactions						
9/30/12 to 8/31/13	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% Credit		
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 N	Ion-Apoptotic Cell Death to Target	No	\$192,924	\$96,075	\$288,999	
	Glioblastoma						
7/10/12 to 6/30/13	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 (Pharmacolo	gy, Depart	ment of) Awar	d Count: 6.90		\$991,298
harmacy Practice, D	epartment of						
N-123670-01	Waters Academic Grant Program		No	\$12,000	\$0	\$12,000	\$12,000
10/30/12 to 10/29/13	Waters Technologies Corporation						
Role	<u>Name</u>	<u>Department</u>			% Credit		
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 Diabete	s Education and Adherence	No	\$20,000	\$0	\$20,000	\$20,000
	Assessment (MIiDEA)						
5/1/13 to 4/30/14	American Association of Diabetes Ed	ucators					
Role	Name	Department			% Credit		
PI/PD	Serres, Michelle Lynn	Pharmacy Practice, Department of			50		
	Mangan, Michelle Nicole	Pharmacy Practice, Department of			50		
Co-I		ronio Logithin Organogal Containing	No	\$9,980	\$0	\$9,980	\$9,980
Co-I	Preparation and Evaluation of a Plu	ronic Lecitinii Organogei Containing					
Co-I	Preparation and Evaluation of a Plu Ricinoleic acid for the Transdermal						
Co-l N-123911-01	Preparation and Evaluation of a Plu Ricinoleic acid for the Transdermal International Academy of Compoundi	Delivery of Ketoprofen					
Co-l N-123911-01	Ricinoleic acid for the Transdermal	Delivery of Ketoprofen		. ,			
Co-l N-123911-01 3/1/13 to 2/28/14	Ricinoleic acid for the Transdermal International Academy of Compoundi	Delivery of Ketoprofen ng Pharmacists		. ,	<u>% Credit</u> 75		

Cash? **Direct Cost** **Indirect Cost**

Credit \$41,980

Dept Award

Total Award

Sum of Department (Pharmacy Practice, Department of) Award Count: 3.00

\$1,391,078

Sum of College (Pharmacy & Pharmaceutical Sciences, Co	Award Count: 11.10

University Adm	inistration		Cash?	Direct Cost	Indirect Cost	<u>l</u> Total Award	Dept Award Credit
Technology Corridor				<u> </u>		1010.71110.10	<u>0.00</u>
N-123165-01	Validation & Start-up Fund)	g Technology (University Technology	No	\$50,000	\$0	\$50,000	\$0
7/23/12 to 7/23/13	Ohio Department of Development						
Role	Name	<u>Department</u>			% Credit		
PI/PD	Snider, Stephen J.	Technology Corridor			0		
Co-I	Cameron, Brent D.	Bioengineering, Department of	D		60		
Co-I	Kim, Dong Shik	Chemical and Environmental Engineering			40	•	
N-123166-01-A1	•	Technology Validation and Start-Up	No	\$50,000	\$0	\$50,000	\$0
	Fund)						
12/17/12 to 12/17/13	Ohio Development Services Agency						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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, De		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						
<u>Role</u>	<u>Name</u>	<u>Department</u>			% 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, De	partment 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	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Anzaldua, Betty M.	Technology Corridor			100		

University Adm	inistration		Cash?	Direct Cost	Indirect Cost	<u>Total Award</u>	Dept Award Credit
Technology Corridor							
R-122896-02	Edison Technology Incubation Prog	gram	No	\$87,500	\$0	\$87,500	\$87,500
5/21/12 to 6/30/13	Ohio Department of Development						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Waldock, Mary Jo Smith	Technology Corridor			100		
S-122896-02-S1	Edison Technology Incubation Prog	gram	No	\$162,500	\$0	\$162,500	\$162,500
5/21/12 to 6/30/13	Ohio Department of Development						
Role	<u>Name</u>	<u>Department</u>			% Credit		
PI/PD	Waldock, Mary Jo Smith	Technology Corridor			100		
			Sum of Department (Technology Cor	rridor) Awa	ard Count: 4.00		\$490,674
			Sum of College (University Administr	ration) Awa	ard Count: 4.00		\$490,674
Grand Total:				Awa	ard Count: 465.00		\$54,694,662

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