### The University of Toledo Research and Sponsored Programs FY 2011 Awards By College and Department

# Proposal #Public TitleBudget PeriodSponsor(s)

	ong Learning, College			Direct Cost	Indirect Cost	Total Award	Credit
ministration. Univ	ersity College	-		<u>Direct Oost</u>	<u>Indirect 003t</u>	<u>Iotal Award</u>	oreal
•	Carl D. Perkins Grant			\$88,537	\$0	\$88,537	\$88,53
/1/10 to 6/30/11	U.S. Department of Education three	ough Ohio Department of Education					
<u>Role</u> PI/PD	<u>Name</u> Momenee, Luanne	<u>Department</u> Administration, University Co	<u>% Credit</u> 100				
-107838-07	High Schools That Work - Gradu	uate Assistant		\$33,333	\$1,667	\$35,000	\$35,00
/1/08 to 6/30/09	Ohio Department of Education thr	ough Lucas County Educational Servi	ce Center				
<u>Role</u> PI/PD	<u>Name</u> Pietras, Nancy A.	<u>Department</u> Administration, University Co	<u>% Credit</u> 100				
-107838-08	High Schools That Work - Gradu	uate Assistant		\$28,571	\$1,429	\$30,000	\$30,00
/1/10 to 6/30/12	Ohio Department of Education thr	ough Lucas County Educational Servi	ce Center				
<u>Role</u> PI/PD	<u>Name</u> Pietras, Nancy A.	<u>Department</u> Administration, University Co	<u>% Credit</u> 100				
-102723-22-S1	Carl D. Perkins Grant			\$2,120	\$0	\$2,120	\$2,12
/1/10 to 6/30/11	U.S. Department of Education three	ough Ohio Department of Education					
Role PI/PD	<u>Name</u> Momenee, Luanne	<u>Department</u> Administration, University Co	<u>% Credit</u> 100				
		Sum of Department (Administra	tion, University	College) Awa	ard Count: <b>4.00</b>		\$155,657
		Sum of College (Adult and Lifelo	ng Learning, C	ollege of) Awa	ard Count: <b>4.00</b>		\$155,657

#### **Business Innovation, College of**

<u>Dept Award</u> Direct Cost Indirect Cost Total Award Credit

#### Information Operations and Technology Management

C-120628-03	Analyzing Regional Freight Inform	Analyzing Regional Freight Information Resources			\$30,555	\$100,000	\$50,000
10/1/10 to 9/30/11	U.S. Department of Transportation th	hrough University of Wisconsin					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	25				
Co-l	Smirnov, Oleg A.	Economics, Department of	25				
Co-l	Sundararaghavan, P. S.	Information Operations and 1	25				
Co-I	Vonderembse, Mark A.	Information Operations and T	25				

Sum of Department (Information Operations and Technolog Award Count: 0.50

\$50,000

Ducinoco Inno	ovation, College of						Dept Award
		rotion		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
C-117639-04	nter for Labor-Management Coope Labor-Management Cooperation			\$81,818	\$8,182	\$90,000	\$90,000
12/1/10 to 6/30/11	Ohio Department of Development			<i><b>QO</b>1,<b>O</b>10</i>	ψ0, 10 <b>2</b>	<i>\\</i> 00,000	φ00,000
Role	Name	Department	% Credit				
PI/PD	Simon, Sandra L.	Northwest Ohio Center for La	100				
		Sum of Department (Northwest O	hio Center for L	abor-Man Awa	ard Count: 1.00		\$90,000
		Sum of College (Busines	ss Innovation, (	College of) Awa	ard Count: <b>1.50</b>		\$140,000
Education - He	ealth Science & Human S	Service, Judith Herb Col	lege of	Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Award</u> <u>Credit</u>
Administration, HS	HS-JHCOE						
C-122064-02	Region 2: Ohio Skills Bank			\$46,296	\$3,704	\$50,000	\$50,000
7/1/10 to 6/30/11	Ohio Board of Regents						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCO	100				
N-122395-01	Ohio Skills Bank - Marine trades	Training		\$84,000	\$6,000	\$90,000	\$90,000
1/1/11 to 6/30/11	Ohio Board of Regents	-					
Role	<u>Name</u> Distance Norser A	Department	<u>% Credit</u>				
PI/PD R-105164-13	Pietras, Nancy A. Tech Prep Federal Base	Administration, HSHS-JHCO	100	\$348,293	\$17,415	\$365,708	\$365,708
7/1/10 to 6/30/11	U.S. Department of Education through	ugh Obio Donortmont of Education		<b>\$340,293</b>	\$17,415	\$305,708	\$305,700
Role	Name	Department	0/ Cradit				
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCO	<u>% Credit</u> 100				
R-106732-11	Tech Prep State Performance			\$125,653	\$10,052	\$135,705	\$135,70
7/1/10 to 6/30/11	Ohio Department of Education			<b>*</b> ,	····	<i>•••••••••••••••••••••••••••••••••••••</i>	+,
Role	Name	Department	% Credit				
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCO	100				
R-108571-08	Tech Prep Expanded Enrollment	Grant		\$160,202	\$12,816	\$173,018	\$173,018
7/1/10 to 6/30/11	Ohio Department of Education						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCO	100				
R-108836-07	Camp Adventure Youth Services			\$30,000	\$0	\$30,000	\$30,000
9/1/10 to 8/31/11	University of Northern Iowa						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Switzer, Thomas J.	Administration, HSHS-JHCO	100				

Education - Health Science & Human Service, J	ludith Herb College of
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<u>Dept Award</u> <u>Credit</u>

	ealth Science & Human Se	rvice, Judith Herb Coll	ege of	Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
dministration, HS							
S-105164-12-S1	Tech Prep Federal Base			\$16,945	\$847	\$17,792	\$17,79
7/1/09 to 6/30/10	U.S. Department of Education throug	h Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Pietras, Nancy A.	Administration, HSHS-JHCO	100				
		Sum of Department (Admin	istration, HSHS	<b>S-JHCOE)</b> Awa	rd Count: <b>7.00</b>		\$862,22
riminal Justice an	nd Social Work						
N-122082-01	Disproportionate Minority Contact	Training Institute		\$30,000	\$3,000	\$33,000	\$33,00
7/1/10 to 6/30/11	Ohio Department of Youth Services			+,	<i><b>4</b></i> <b>0,000</b>	<i><b>4</b>cc,ccc</i>	<i></i>
Role	Name	Department	% Credit				
PI/PD	Jenkins, Morris	Criminal Justice and Social V	100				
N-122115-01	MORE Mentoring Program			\$47,000	\$0	\$47,000	\$47,00
7/1/10 to 4/30/11	U.S. Department of Education throug	h More Mentoring Program					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Jenkins, Morris	Criminal Justice and Social V	100				
N-122144-01	Understanding the Prevalence, Pro	cess and Social Networks Invol	ved in	\$171,835	\$78,165	\$250,000	\$250,00
	Domestic Sex Trafficking in Ohio						
8/15/10 to 8/14/11	U.S. Department of Justice						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Williamson, Celia	Criminal Justice and Social V	100				•
N-122323-01	Lucas County Reentry Evaluation			\$9,060	\$906	\$9,966	\$6,67
11/1/10 to 8/31/11	Lucas County TASC, Inc						
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Jenkins, Morris	Criminal Justice and Social V	34				
Co-l Co-l	Heberle, Renee J. Hoy, Janet M.	Political Science and Public A Criminal Justice and Social V	33 33				
00-1	noy, sanet w.				ad O avents 2 67		¢000.07
		Sum of Department (Criminal	Justice and Soc	al work) Awa	rd Count: 3.67		\$336,67
urriculum and Ins	struction, Department of						
C-106314-12	CTE Teacher Preparation and Rete	ntion		\$72,857	\$3,643	\$76,500	\$76,50
7/1/10 to 6/30/11	Ohio Department of Education						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Hubaker, Paul	Curriculum and Instruction, E	100				
R-121833-02	The Woodward MSP Partnership			\$234,878	\$15,122	\$250,000	\$165,00
7/1/10 to 6/30/11	U.S. Department of Education throug	h Ohio Department of Education					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Arsie, Alessandro	Mathematics, Department of	34				
Co-I	Shockey, Tod L.	Curriculum and Instruction, E	33				
Co-l	Weber, William B.	Curriculum and Instruction, C	33				

		Sum of Department (Curriculum ar	nd Instruction, [	Departme Award	Count: 1.66		\$241,500
arly Childhood, P	hysical, and Special Education						
C-110186-04	Project EC-NET			\$92,592	\$7,408	\$100,000	\$100,00
8/1/10 to 7/31/11	U.S. Department of Education						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Welsch, Richard	Early Childhood, Physical, ar	50				
Co-I	Pindiprolu, Sekhar	Early Childhood, Physical, ar	50				
		Sum of Department (Early Childhoo	od, Physical, an	d Specia Award	Count: <b>1.00</b>		\$100,00
ducational Found	lations and Leadership						
C-109798-06	GEAR-UP II Evaluation			\$23,148	\$1,852	\$25,000	\$25,00
9/1/10 to 7/31/11	U.S. Department of Education thr	rough Bowling Green State University					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Fox, Christine	Educational Foundations anc	100				
Co-I	Beltyukova, Svetlana	Educational Foundations and	0				
		Sum of Department (Educational F	oundations and	Leaders Award	Count: 1.00		\$25,00
ducational Leade	rship, Department of						
C-120827-03	Northwest State Community Co			<b>.</b>	<b>*</b> · · · • ·		
•	Northwest State Community Ct	ollege Presidential Fellow		\$11,942	\$1,194	\$13,136	\$13,13
	Northwest State Community Colle	-		\$11,942	\$1,194	\$13,136	\$13,13
	•	-	% Credit	\$11,942	\$1,194	\$13,136	\$13,13
8/23/10 to 6/30/11	Northwest State Community Colle	ege	<u>% Credit</u> 100	\$11,942	\$1,194	\$13,136	\$13,13
8/23/10 to 6/30/11 Role	Northwest State Community Colle Name	ege	100			\$13,136	
8/23/10 to 6/30/11 Role PI/PD	Northwest State Community Colle <u>Name</u> Opp, Ronald D.	ege <u>Department</u> Educational Leadership, Dep	100			\$13,136 	
8/23/10 to 6/30/11 Role PI/PD	Northwest State Community Colle <u>Name</u> Opp, Ronald D.	ege Department Educational Leadership, Dep ≩um of Department ( <b>Educational Le</b>	100			\$13,136  \$2,500	\$13,13
8/23/10 to 6/30/11 Role	Northwest State Community Colle Name Opp, Ronald D. tion Professions	ege Department Educational Leadership, Dep Sum of Department (Educational Leadership) d the Party's Over	100	artment o Award	Count: <b>1.00</b>		\$13,13 \$13,13 \$13,13 \$1,27
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01	Northwest State Community Colle Name Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and	ege Department Educational Leadership, Dep Sum of Department (Educational Leadership) d the Party's Over	adership, Depa	artment o Award	Count: <b>1.00</b>		\$13,13
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01 10/1/10 to 5/31/11	Northwest State Community Colle <u>Name</u> Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and Ohio Department of Alcohol and I	ege <u>Department</u> Educational Leadership, Dep Sum of Department ( <b>Educational Leadership</b> ) <b>I the Party's Over</b> Drug Addiction Services	100	artment o Award	Count: <b>1.00</b>		\$13,13
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01 10/1/10 to 5/31/11 Role	Northwest State Community Colle Name Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and Ohio Department of Alcohol and I Name	<u>Department</u> Educational Leadership, Dep Jum of Department (Educational Leadership) the Party's Over Drug Addiction Services Department	200 200 200 200 200 200 200 200 200 200	artment o Award	Count: <b>1.00</b>		\$13,13
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01 10/1/10 to 5/31/11 Role PI/PD Co-I	Northwest State Community Colle Name Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and Ohio Department of Alcohol and I Name Glassman, Tavis J.	Egge Department Educational Leadership, Dep 3um of Department (Educational Leadership) 3um of Department (Educational Leadership) Comparison of Department (Education Services) Department Health and Recreation Profe	100 eadership, Depa <u>% Credit</u> 51	artment o Award	Count: <b>1.00</b>		\$13,13 \$1,27
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01 10/1/10 to 5/31/11 Role PI/PD	Northwest State Community Colle <u>Name</u> Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and Ohio Department of Alcohol and I <u>Name</u> Glassman, Tavis J. Blavos, Alexis A. Reducing High Risk Drinking	<u>Department</u> Educational Leadership, Dep         Sum of Department (Educational Leadership)         Sum of Department (Educational Leadership)         Drug Addiction Services         Department Health and Recreation Profes         Division of Student Affairs         alth Services Administration through C	100 eadership, Depa <u>% Credit</u> 51 49	artment o Award \$2,000 \$21,795	Count: <b>1.00</b> <b>\$500</b>	\$2,500	\$13,13 \$1,27
8/23/10 to 6/30/11 Role PI/PD ealth and Recrea N-122205-01 10/1/10 to 5/31/11 Role PI/PD Co-I R-106281-12	Northwest State Community Colle <u>Name</u> Opp, Ronald D. tion Professions BUZZKILL: Serve Under 21 and Ohio Department of Alcohol and I <u>Name</u> Glassman, Tavis J. Blavos, Alexis A. Reducing High Risk Drinking Substance Abuse and Mental He	<u>Department</u> Educational Leadership, Dep         Sum of Department (Educational Leadership)         Sum of Department (Educational Leadership)         Drug Addiction Services         Department Health and Recreation Profes         Division of Student Affairs         alth Services Administration through C	100 eadership, Depa <u>% Credit</u> 51 49	artment o Award \$2,000 \$21,795	Count: <b>1.00</b> <b>\$500</b>	\$2,500	\$13,13

	ment of						
N-121739-01	Contribution of ICAM - 1 to the Immu	inobiology of Skeletal Muscle I	Hypertrophy	\$5,000	\$0	\$5,000	\$5,00
7/1/10 to 6/30/11	National Aeronautics and Space Admir Medicine Foundation	nistration through American Colle	ge of Sports				
<u>Role</u> PI/PD	<u>Name</u> Pizza, Francis Xavier	<u>Department</u> Kinesiology, Department of	<u>% Credit</u> 100				
N-122498-01	The Effect of Knee Injury on Brain F	unction		\$1,477	\$0	\$1,477	\$1,47
3/1/11 to 5/31/12	Great Lakes Athletic Trainers' Associat	ion					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD Co-I	Pietrosimone, Brian Bahhur, Nael O.	Kinesiology, Department of Family Medicine, Departmen	100				
		Sum of Department (Kine	esiology, Departn	nent of) Award (	Count: <b>2.00</b>		\$6,47
ehabilitation Scier							
C-120714-03	Options for Tomorrow			\$50,000	\$0	\$50,000	\$25,00
1/1/11 to 12/31/11	Ability Center of Greater Toledo						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Miller, Barbara Kopp	Rehabilitation Sciences	50				
Co-I	Steiner, Victoria	Medicine, Department of	50				
C-120715-03	Options for Tomorrow			\$50,000	\$0	\$50,000	\$25,00
1/1/11 to 12/31/11	Ohio Dept of Mental Retardation & Dev	elopmental Disabilities					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Miller, Barbara Kopp	Rehabilitation Sciences	50				
Co-I	Steiner, Victoria	Medicine, Department of	50				
N-121721-01	Fit Club: Champions for Healthy Kid	ls		\$10,000	\$0	\$10,000	
6/1/10 to 5/31/11	General Mills						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Fink, Brian N.	Public Hlth/Homeland Securi	100				
Stdnt Schol	Frazee, James Christopher	Rehabilitation Sciences					
Stdnt Schol	Leigh, Laurasona Nuella Fior						
Stdnt Schol	Sharrock, Bethany L.	Resid Prgm-Rehab Medicine					
		Sum of Department (I		<u> </u>	Count: <b>1.00</b>		\$50,00
	Su	m of College (Education - Health	n Science & Hum	an Serv Award (	Count: <b>19.84</b>	;	\$1,658,08
						-	Dept Awar

Administration, College of Engineering

Engineering,				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
	llege of Engineering					<b>.</b>	
N-122030-01	•	ffshore Wind Turbine Developmen	1	\$565,812	\$184,188	\$750,000	\$0
6/1/10 to 5/31/12	U.S. Department of Energy						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and N	100				
Co-I	Kozar, Robert P.	Administration, College of En	0				
		um of Department (Administration	, College of En	gineering Awar	d Count: 0.00		\$0
Bioengineering, De	-						
C-109699-03	A National Model for Engineering	g Mathematics Education - Phase	II	\$26,020	\$8,974	\$34,994	\$11,548
8/1/10 to 7/31/12	National Science Foundation throu	igh Wright State University					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Randolph, Brian W.	Civil Engineering, Departmer	34				
Co-I	Molitor, Scott C.	Bioengineering, Department	33				
Co-I	Schall, Constance Ann	Chemical and Environmental	33				
C-120151-02	Multi-faceted Approach to Mode			\$207,331	\$94,336	\$301,667	\$301,667
5/1/10 to 4/30/11	National Institutes of Health throug Foundation	h University of Cincinnati Children's	Hospital Resear	rch .			
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
Co-I		tine Bioengineering, Department	0				
C-120772-02	Development and Validation of In Lumbar Spine Model	nstrumented Synthetic Mechanica	Analogue	\$31,944	\$14,056	\$46,000	\$46,000
6/1/11 to 10/31/11		culoskeletal & Skin Diseases throug	h Pacific Reseau	rch			
0, 1, 11 10 10,01, 11	Laboratories			011			
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-110329-01	Development of the Head and Ne Research	eck Finite Element Model for Chiro	practic	\$7,091	\$709	\$7,800	\$7,800
5/1/07 to 4/30/09	National Upper Cervical Chiroprac	tic Research Association					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-121160-01	Nitinol Prototyping Center			\$600,000	\$0	\$600,000	\$78,000
6/14/10 to 7/27/12	Ohio Department of Development						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Elahinia, Mohammad	Mechanical, Industrial, and N	54				
Co-PI	Goel, Vijay K.	Bioengineering, Department	13				
Co-I	Bhaduri, Sarit B.	Mechanical, Industrial, and N	33				

Direct Cost Indirect Cost Total Award

Dept Award Credit

Engineering, C	Joilege of			Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
Bioengineering, De	partment of						
N-121696-01	Center for Algal Engineering Res	earch and Commercialization		\$132,551	\$26,510	\$159,061	\$31,812
7/19/10 to 7/18/13	Ohio Department of Development to	hrough Ohio University					
<u>Role</u> PI/PD	<u>Name</u> Viamajala, Sridhar	<u>Department</u> Chemical and Environmental	<u>% Credit</u> 40				
Co-I	Relue, Patricia Ann	Bioengineering, Department	20				
Co-I	Schall, Constance Ann	Chemical and Environmental	20				
Co-I	Varanasi, Sasidhar	Chemical and Environmental	20				
N-122113-01	-122113-01 Biomechanical Analysis of Aegis Plate System with Uni-cortical or Bi-cortal Screws Fixation in Augmenting Lateral Lumbar Interbody Arthrodesis using the cadaver and the Finite Element Models 210/10 to 12/31/11 Depuy Spine, Inc.			\$48,000	\$12,000	\$60,000	\$60,000
		<b>.</b>					
<u>Role</u> PI/PD	<u>Name</u>	Department	<u>% Credit</u> 100				
	Goel, Vijay K.	Bioengineering, Department		¢67.504	¢20.74.4	¢00 040	¢00 040
N-122163-01	-	neter Optimized for Glucose Moni	toring	\$67,504	\$30,714	\$98,218	\$98,218
8/9/10 to 8/8/11	Edward Lifesciences, LLC	Dementaria	0/ <b>0</b> I''				
<u>Role</u> PI/PD	<u>Name</u> Cameron, Brent D.	<u>Department</u> Bioengineering, Department	<u>% Credit</u> 100				
N-122165-01	Biomechanics of Facet Fusion	bloengineering, Department	100	\$19,662	\$5,000	\$24,662	\$24,662
8/25/10 to 8/24/11	V G Innovations LLC			φ1 <b>5,00</b> 2	φ5,000	φ <b>2</b> 4,002	φ <b>2</b> 4,002
Role	Name	Department	<u>% Credit</u>	1			
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122210-01	Mechanical Testing of Ostewedge			\$6,760	\$1,690	\$8,450	\$8,450
10/5/10 to 10/4/11	Graham Medical Technologies, Inc.				• • • •	· · , · · ·	
Role	Name	Department	% Credit				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122219-01	Preclinical Evaluation of Fibergra	aft Bone Graft Substitute		\$8,454	\$846	\$9,300	\$9,300
9/1/10 to 8/31/11	Prosidyan, Inc.						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122304-01	· · ·	nd Evaluation of Molecular Imprin	ting Surface	\$8,000	\$2,000	\$10,000	\$10,000
	Plasmon Resonance Technology	for the Measurement of GSNO					
10/27/10 to 4/26/11	· ·						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Cameron, Brent D.	Bioengineering, Department	100	<u> </u>	<b>*</b> 4.4.400	<b>*7</b> 0 0.44	<b>*7</b> 0 044
N-122324-01	Biomechanical Evaluation of the	StenoFix Interspinous Spacer		\$56,673	\$14,168	\$70,841	\$70,841
8/23/10 to 8/22/11	Synthes Spine Co			1			
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD Co-I	Goel, Vijay K.	ine Bioengineering, Department Bioengineering, Department	95 5				
	Guei, vijay K.	Divengineening, Department	0				

Engineering, (	Collogo of						Dept Award
				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Bioengineering, De N-122341-01	Testing of Spinal Implants			\$33,653	\$8,414	\$42,067	\$42,067
1/1/09 to 12/31/12	Orthokinetic Technologies LLC			+,	<i>•••</i> ,•••	<b>,,</b>	<b>,</b> ,
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122471-01	Finite Analysis of Cages			\$2,399	\$600	\$2,999	\$2,999
1/1/11 to 12/31/12	Custom Spine, Inc.						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100	¢40.000	¢ 4 000	¢00.000	¢00.000
N-122472-01	Pull-Out Strength of Pedicle Screws	i		\$16,000	\$4,000	\$20,000	\$20,000
2/10/11 to 2/9/13 Role	Spinal Ventures, LLC	Department	0/ One dit				
PI/PD	<u>Name</u> Goel, Vijay K.	<u>Department</u> Bioengineering, Department	<u>% Credit</u> 100				
N-122621-01	Spine Research Training Grant	Bioengineering, Department	100	\$100,000	\$0	\$100,000	\$100,000
5/1/11 to 4/30/12	Spine Research UK			<i><b>↓</b>,,,,,,,,,</i>	<b>~~</b>	<i><i><i></i></i></i>	<i><b>Q</b></i> 100,000
Role	Name	Department	% Credit				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122622-01	Evaluation of a Cervical Cage			\$5,600	\$1,400	\$7,000	\$7,000
4/15/11 to 4/14/13	Wenzel Spine, Inc.						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
N-122623-01	Evaluation of Artificial Facets			\$12,800	\$3,200	\$16,000	\$16,000
4/15/11 to 4/14/13	Spinal Elements, Inc.						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100	¢ 47 000	¢44.000	¢50 540	
N-122687-01	Biomechanical Testing of a Threade Stiffness	a Allograft Facet Dowel: Rang		\$47,632	\$11,908	\$59,540	\$59,540
5/1/11 to 4/30/12	Synthes Spine Co through Synthes Sp	oine Co					
Role	Name	Department	% Credit				
PI/PD		Bioengineering, Department	95				
Co-PI	Goel, Vijay K.	Bioengineering, Department	5				
S-122163-01-S1	Assembly of a Functional Polarimet	er Optimized for Glucose Moni	itoring	\$15,993	\$7,277	\$23,270	\$23,270
8/2/10 to 5/20/11	Edward Lifesciences, LLC						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Cameron, Brent D.	Bioengineering, Department	100	¢44.000	¢0.040	¢44.070	¢44.070
S-122210-01-S1	Mechanical Testing of Ostewedge Te	ecnnology		\$11,262	\$2,816	\$14,078	\$14,078
6/14/11 to 10/13/12		Department					
Role PI/PD	<u>Name</u> Goel, Vijay K.	Department Bioengineering, Department	<u>% Credit</u> 100				
	0001, vijay IX.	Bioongineering, Department	100				

Dept Award Credit

linginicolinig, v				Direct Cost	Indirect Cost	<u>Total Award</u>	Credit
Bioengineering, De	partment of						
S-122622-01-S1	Evaluation of a Cervical Cage			\$8,800	\$2,200	\$11,000	\$11,00
4/15/11 to 4/14/13	Wenzel Spine, Inc.			. ,		. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Goel, Vijay K.	Bioengineering, Department	100				
<u></u>		Sum of Department (Bioeng	ineering, Depar	tment of) Awar	d Count: 20.66		\$1,054,25
bemical and Envir	onmental Engineering, Departmen	t of		-			
C-109699-03		Mathematics Education - Phase I	1	\$26,020	\$8,974	\$34,994	\$11,54
8/1/10 to 7/31/12	National Science Foundation through			+;	<i>+-,</i>	<b>*</b> ,	<i>+,.</i>
Role	Name	Department	% Credit				
PI/PD	Randolph, Brian W.	Civil Engineering, Departmer	34				
Co-I	Molitor, Scott C.	Bioengineering, Department	33				
Co-I	Schall, Constance Ann	Chemical and Environmental	33				
C-121347-02	Processing of Algal Feedstocks f	or Fuels		\$63,983	\$12,797	\$76,780	\$76,78
6/5/09 to 9/13/11	Air Force Research Lab-Kirtland th	rough Center for Innovative Food Te	chnology				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Schall, Constance Ann	Chemical and Environmental	100				
C-121384-02	Renewable Hydrocarbon Fuels fr	om Algae		\$55,760	\$11,151	\$66,911	\$66,9 <sup>,</sup>
8/1/10 to 9/13/11	Wright-Patterson Air Force Base th	rough Center for Innovative Food Te	chnology				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Varanasi, Sasidhar	Chemical and Environmental	100				
C-121579-02	Energy Optimization in Biorefine	ries		\$16,565	\$4,141	\$20,706	\$20,70
10/1/10 to 8/31/11	Suganit Systems, Inc.						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Lipscomb, Glenn	Chemical and Environmental	100				
N-121363-01		ed Biorefinery for the Economical	Conversion	\$33,720	\$15,343	\$49,063	\$49,06
	of Biomass to Diesel Fuel						
1/28/10 to 9/30/10	U.S. Department of Energy through	Renewable Energy Institute Interna					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Varanasi, Sasidhar	Chemical and Environmental	50				
Co-I	Lipscomb, Glenn	Chemical and Environmental	50		<b>A a a a a</b>	•·	<b>•</b> • • <b>•</b> •
N-121696-01	Center for Algal Engineering Res			\$132,551	\$26,510	\$159,061	\$127,24
7/19/10 to 7/18/13	Ohio Department of Development t						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Viamajala, Sridhar	Chemical and Environmental	40				
Co-I	Relue, Patricia Ann	Bioengineering, Department	20				
Co-I	Schall, Constance Ann	Chemical and Environmental	20				
Co-l	Varanasi, Sasidhar	Chemical and Environmental	20				

Direct Cost Indirect Cost Total Award

<u>Dept Award</u> <u>Credit</u>

5 5/	3			<u>Direct 0001</u>		<u>iotai / Waia</u>	Orcuit
hemical and Envir	onmental Engineering, Department	t of					
N-122070-01	<b>Optimization of Acetylene Sensor</b>	•		\$8,118	\$2,030	\$10,148	\$10,14
6/14/10 to 5/31/11	Acense LLC						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Azad, Abdul-Majeed	Chemical and Environmental	100				
N-122111-01	Assessment of nutrient needs for			\$38,069	\$7,614	\$45,683	\$45,68
7/1/10 to 9/13/11	U.S. Air Force Research Lab throug	h Center for Innovative Food Techr	ology				
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Viamajala, Sridhar	Chemical and Environmental	100				
N-122160-01	Static Mixing Spacers for Spiral W	Vound Modules		\$64,229	\$29,224	\$93,453	\$93,45
10/1/10 to 3/1/12	U.S. Bureau of Reclamation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Lipscomb, Glenn	Chemical and Environmental	100				
N-122357-01	High-Performance Porous Polybe	enzimidazole Membranes for Wate	r Treatment	\$48,322	\$0	\$48,322	\$48,32
5/1/11 to 4/30/12	Using Forward Osmosis U.S. Geological Survey through Ohi	io State University					
Role	Name	Department	% Credit				
PI/PD	Escobar, Isabel C.	Chemical and Environmental	<u>% Credit</u> 100				
N-122536-01	Pilot Scale Demonstration of Lign		100	\$208,334	\$41,666	\$250,000	\$250,00
5/27/11 to 3/15/14	Ohio Department of Development th			Ψ200,004	ψ+1,000	Ψ250,000	ψ200,00
Role	Name	Department	% Credit				
PI/PD	Varanasi, Sasidhar	Chemical and Environmental	60				
Co-I	Lipscomb, Glenn	Chemical and Environmental	40				
N-122644-01	Student Support for NAMS 2011			\$5,000	\$0	\$5,000	\$5,00
5/1/11 to 10/31/11	Office of Naval Research						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Lipscomb, Glenn	Chemical and Environmental	100				
R-108982-10	Engineering for Migrant Students	and Teachers		\$55,277	\$2,764	\$58,041	\$19,15
7/1/10 to 8/31/11	U.S. Department of Education throu	gh Ohio Department of Education					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Pickett, Mark A.	Civil Engineering, Departmer	34				
Co-l	Apul, Defne	Civil Engineering, Departmer	33				
Co-I	Lapitsky, Yakov	Chemical and Environmental	33		<b>A a</b>		
S-120134-02-S2	Development of Anti-biofouling N	anocomposite Polypropylene Fib	ers for	\$4,000	\$0	\$4,000	\$4,00
	Membrane Feed Spacers						
5/1/10 to 4/30/11	National Science Foundation						
5/1/10 to 4/30/11 Role	National Science Foundation Name	Department	% Credit				

Engineering, (	College of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
• •	onmental Engineering, Departmer	t of		Dilect Cost	Indirect Cost	<u>Iotal Awaru</u>	Credit
S-120134-02-S3	Development of Anti-biofouling Membrane Feed Spacers	Nanocomposite Polypropylene Fib	ers for	\$4,000	\$0	\$4,000	\$4,000
5/1/10 to 4/30/11	National Science Foundation	Depertment	0/ <b>O</b> I''				
Role PI/PD	<u>Name</u> Escobar, Isabel C.	Department Chemical and Environmental	<u>% Credit</u> 100				
S-120134-02-S5	-	Vanocomposite Polypropylene Fib		\$4,801	\$1,075	\$5,876	\$5,876
5/1/11 to 4/30/12	National Science Foundation						
<u>Role</u> PI/PD	<u>Name</u> Escobar, Isabel C.	Department Chemical and Environmental	<u>% Credit</u> 100				
S-121347-02-S1	Processing of Algal Feedstocks	for Fuels		\$5,694	\$1,139	\$6,833	\$6,833
6/15/11 to 9/13/11	Air Force Research Lab-Kirtland th	rough Center for Innovative Food Te	chnology				
<u>Role</u> PI/PD	<u>Name</u> Schall, Constance Ann	<u>Department</u> Chemical and Environmental	<u>% Credit</u> 100				
S-121579-01-S1	Energy Optimization in Biorefine	ries		\$5,355	\$1,339	\$6,694	\$6,694
6/1/10 to 9/30/10	Suganit Systems, Inc.						
<u>Role</u> PI/PD	<u>Name</u> Lipscomb, Glenn	<u>Department</u> Chemical and Environmental	<u>% Credit</u> 100				
S-121696-01-S1	Center for Algal Engineering Res	earch and Commercialization		\$868,000	\$0	\$868,000	\$868,000
1/5/11 to 7/8/13	Ohio Department of Development	hrough Ohio University					
Role	Name Viameiele, Sridher	Department	<u>% Credit</u>				
PI/PD	Viamajala, Sridhar	Chemical and Environmental Sum of Department (Chemical and	100 Environmental	Engineer Awa	ard Count: <b>17.46</b>		\$1,719,419
Civil Engineering, D	Department of			•			
C-105227-15	Radon Web Site			\$22,500	\$0	\$22,500	\$22,500
10/1/09 to 9/30/10	U.S. Environmental Protection Age	ncy through Ohio Department of Hea	alth				
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Kumar, Ashok	Civil Engineering, Departmer	100				<b>•</b> • = <b>=</b> • • •
C-105227-16	Radon Web Site			\$17,500	\$0	\$17,500	\$17,500
10/1/10 to 9/30/11		ncy through Ohio Department of Hea					
<u>Role</u> PI/PD	<u>Name</u> Kumar, Ashok	<u>Department</u> Civil Engineering, Departmer	<u>% Credit</u> 100				
C-106736-11	The University of Toledo Pollutio	•		\$49,913	\$13,232	\$63,145	\$50,516
10/1/10 to 9/30/11	U.S. Environmental Protection Age	ncy					
Role PI/PD	<u>Name</u> Kumar, Ashok	<u>Department</u> Civil Engineering, Departmer	<u>% Credit</u> 80				
Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and N	20				

Direct Cost Indirect Cost Total Award

Dept Award Credit

-ingineering, c				Direct Cost	Indirect Cost	Iotal Award	Credit
Civil Engineering, D	epartment of						
C-109699-03	A National Model for Engineering	Mathematics Education - Phase II	l	\$26,020	\$8,974	\$34,994	\$11,89
8/1/10 to 7/31/12	National Science Foundation throug	gh Wright State University					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Randolph, Brian W.	Civil Engineering, Departmer	34				
Co-I	Molitor, Scott C.	Bioengineering, Department	33				
Co-I	Schall, Constance Ann	Chemical and Environmental	33				
C-110294-03	Addendum to Cost Benefit Mode			\$52,275	\$14,647	\$66,922	\$66,92
12/1/09 to 7/31/11	Ohio Department of Transportation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Departmer	100				
C-110294-04	Addendum to Cost Benefit Mode	Is to Support PMS Decisions		\$51,948	\$0	\$51,948	\$51,9
11/18/10 to 5/31/12	Ohio Department of Transportation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Departmer	100				
C-120071-04		EM High School Education: An Er		\$454,963	\$38,044	\$493,007	\$64,0
		the Land-Lake Ecosystem Interface	•				
7/1/11 to 6/30/12	National Science Foundation						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-I	Becker, Richard	Environmental Sciences, Der	12				
Co-l	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	13				
Co-l Co-l	Fisher, Timothy G. Gruden, Cyndee	Environmental Sciences, Der Civil Engineering, Departmer	12 13				
C-120371-02	-	ng Entrepreneurship (COFFEE) Sch		\$391,238	\$0	\$391,238	\$391,2
7/1/10 to 6/30/11	Ohio Board of Regents	ig Entrepreneursnip (COFFEE) Sch	olarship	\$ <b>391,230</b>	φU	<b>\$391,230</b>	<b>⊅</b> 391,∠
	5	Department	01 <b>0</b> I''				
<u>Role</u> PI/PD	<u>Name</u> Randolph, Brian W.	<u>Department</u> Civil Engineering, Departmer	<u>% Credit</u> 100				
N-120892-01	•	foulants Using Self-cleaning Sense		\$27,191	\$0	\$27,191	¢07.4
	•		015	φ <i>21</i> ,191	φU	<b>ΦΖΙ, Ι9Ι</b>	\$27,1
3/1/10 to 2/28/11	U.S. Geological Survey through Oh	•	a. a				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Gruden, Cyndee	Civil Engineering, Departmer	100		<b>*</b> •		<b>*</b> / <b>*</b>
N-121729-01		Riverbank Filtration for the Village of	of	\$10,000	\$0	\$10,000	\$10,0
8/15/10 to 8/14/11	LaBarranca Honduras U.S. Environmental Protection Age	ncy					
Role	Name	Department	9/ Cradit				
PI/PD	<u>IName</u> Seo, Youngwoo	Civil Engineering, Departmer	<u>% Credit</u> 100				
		Civil Engineening, Departmen	100				

Civil Engineering, I	Department of						
N-121786-01	Monitoring Agricultural Sewage Slu	dge, 2010		\$365,040	\$102,960	\$468,000	\$42,120
7/1/10 to 6/30/13	U.S. Department of Agriculture						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	37				
Co-l	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Securi	13				
Co-l	Fink, Brian N.	Public Hlth/Homeland Securi	0				
Co-I	Khuder, Sadik	Medicine, Department of	0				
Co-l Co-l	Kumar, Ashok Milz, Sheryl A.	Civil Engineering, Departmer Public Hlth/Homeland Securi	9 13				
Co-I	Sigler, William Von	Environmental Sciences, Der	13				
Co-I	Spongberg, Alison L.	Environmental Sciences, De	14				
N-121998-01	Climate Change Education: Engagi	· •		\$255,763	\$121,487	\$377,250	\$41,497
N-121330-01	Misperceptions using NASA data	ng reachers and olddents and	contecting	ψ255,705	ψ121,407	φ377,230	φτι,τσι
11/1/10 to 10/31/13		nistration					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	39				
Co-l	Apul, Defne	Civil Engineering, Departmer	11				
Co-l	Becker, Richard	Environmental Sciences, Der	17				
Co-l	Bjorkman, Karen B.	Physics and Astronomy, Dep	22				
Co-l Co-l	Egan, Kevin	Economics, Department of	11				
Co-I	Khare, Sanjay	Physics and Astronomy, Dep	0				
Co-I	Lawrence, Patrick L. Nemeth, David J.	Geography and Planning, De Geography and Planning, De	0				
N-122009-01	Pavement Distress Evaluation Using		ő	\$21,895	¢47.004	000 000	¢7 000
				· · ·	\$17,204	\$39,099	\$7,820
9/1/10 to 8/31/11	U.S. Department of Transportation thro			nter			
Role	Name	Department	<u>% Credit</u>				
PI/PD	Salari, Ezzatollah	Electrical Engineering and Co	80				
Co-I	Chou, Eddie Yein-Juin	Civil Engineering, Departmer	20	<u> </u>	<b>A</b> EO 0 (0	<b>*</b> ~~~~~~~	<b>*</b> ~~~ ~~~
N-122031-01	Water Distribution Analysis Modules	s and Kits for Undergrad Educa	ation	\$140,651	\$59,349	\$200,000	\$200,000
6/1/11 to 5/31/14	National Science Foundation	_					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Seo, Youngwoo	Civil Engineering, Departmer	100				
N-122327-01	Investigating the Performance of Ac		y Minerals for	\$6,804	\$3,096	\$9,900	\$9,900
	Sequestering Sediment Contaminar						
1/1/11 to 6/30/11	National Oceanic and Atmospheric Ad Foundation	ministration through Ohio State L	Jniversity Resea	rch			
Role	Name	<u>Department</u>	% Credit				
PI/PD	Gruden, Cyndee	Civil Engineering, Departmer	100				

Engineering,	Collogo of						Dept Award
	•			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Civil Engineering, [	-	hilitation Desision Louis		¢ 40, 205	\$44 FF0	¢54.040	¢54.040
N-122371-01	Implementation of the New Rehal	bilitation Decision Logic		\$40,395	\$11,553	\$51,948	\$51,948
1/1/11 to 5/31/12	Ohio Department of Transportation	<b></b>					
Role	<u>Name</u> Ohan Eddia Vain Iuin	Department	<u>% Credit</u>				
PI/PD	Chou, Eddie Yein-Juin	Civil Engineering, Departmer	100	¢202.000	¢05 007	¢ 4 4 4 0 0 7	¢ 44 4 007
N-122638-01		Monitoring of Millard Avenue Brid or to, During and After Superload		\$389,600	\$25,207	\$414,807	\$414,807
6/15/11 to 6/14/12	BP America, Inc. through Burkhalte		Fassaye				
Role	Name	Department	% Credit				
PI/PD	Nims, Douglas K.	Civil Engineering, Departmer	100				
R-108982-10	Engineering for Migrant Students			\$55,277	\$2,764	\$58,041	\$38,887
7/1/10 to 8/31/11	U.S. Department of Education throu			. ,	. ,	. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Pickett, Mark A.	Civil Engineering, Departmer	34				
Co-I	Apul, Defne	Civil Engineering, Departmer	33				
Co-I	Lapitsky, Yakov	Chemical and Environmental	33				
S-121131-01-S2		ric Substances of Biofilm on Path	ogen	\$5,000	\$1,000	\$6,000	\$6,000
	Disinfection in Water Distribution	Systems					
5/15/11 to 8/31/12	National Science Foundation						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Seo, Youngwoo	Civil Engineering, Departmer	80				
Co-I	Gruden, Cyndee	Civil Engineering, Departmer	20	<u> </u>	¢0.4.47	¢44.054	¢44.054
S-121554-01	Dashboard Supplement	e Veteran's Glass City Skyway Cab	lies- icing	\$39,807	\$2,147	\$41,954	\$41,954
1/1/11 to 6/7/11	Ohio Department of Transportation						
Role	Name	Department	% Credit				
PI/PD	Nims, Douglas K.	Civil Engineering, Departmer	100				
Co-PI	Martinko, Richard S.	Intermodal Transportation Ins	0				
		Sum of Department (Civil Engi	neering, Depai	rtment of) Awa	ard Count: 15.34		\$1,568,738
Electrical Engineer	ing and Computer Science, Departi	ment of					
C-121104-03		IC Architecture Simulator/Generat	or	\$40,500	\$10,530	\$51,030	\$51,030
5/19/11 to 5/17/12	Air Force Research Laboratory/VA	through Dayton Area Graduate Stud	ies Institute				
Role	Name	Department	% Credit				
PI/PD	Jamali, Mohsin M.	Electrical Engineering and Co	100				
N-121555-01	New Methodologies for System-L	evel Electromagnetic Compatibili	ty (EMC)	\$293,998	\$85,999	\$379,997	\$379,997

% Credit

100

Department

Electrical Engineering and Co

9/1/10 to 8/31/13

Role

PI/PD

Analysis of Electronic Systems

Devabhaktuni, Vijay Kumar

National Science Foundation

Name

Engineering, (	College of			Direct Cost	Indirect Cost	<u>]</u> Total Award	<u>Dept Award</u> Credit
	ing and Computer Science, Departme	ent of		Direct Cost	<u>Indirect Cost</u>	<u>Iotal Awaru</u>	Orean
N-121762-01	Real-Time Combat Navigation Syste			\$68,195	\$31,029	\$99,224	\$99,224
9/1/10 to 8/31/11	Air Force Office of Scientific Research	•		. ,	. ,	. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Devabhaktuni, Vijay Kumar		100				
N-122009-01	Pavement Distress Evaluation Usin			\$21,895	\$17,204	\$39,099	\$31,279
9/1/10 to 8/31/11	U.S. Department of Transportation thr	ough Michigan-Ohio University Tr	ansportation Ce	nter			
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Salari, Ezzatollah	Electrical Engineering and Co	80				
Co-I	Chou, Eddie Yein-Juin	Civil Engineering, Departmer	20	¢00.445	¢0.400	¢00.044	¢0,070
N-122183-01	Glass Technology Research			\$20,145	\$9,166	\$29,311	\$9,673
9/1/10 to 5/31/11	Libbey, Inc.	Description of	a ( <b>a</b> 11)				
Role PI/PD	<u>Name</u> Dhachuri Casit D	Department	<u>% Credit</u>				
Co-I	Bhaduri, Sarit B. Gan, Yong X.	Mechanical, Industrial, and N Mechanical, Industrial, and N	34 33				
Co-I	Georgiev, Daniel G.	Electrical Engineering and Co	33				
N-122223-01	Novel Plasma Based EM Attack Rej			\$21,993	\$10,007	\$32,000	\$32,000
	Prototyping			<i><b>4</b></i> <b>1</b> ,000	<i><b></b></i>	<i><b>+-,</b><i>,</i><b>,</b><i>,,,,,,,,,,,,,</i></i>	<i><b>Q</b></i> <b>QQQQQQQQQQQQQ</b>
6/20/11 to 12/23/11	Missile Defense Agency through Imag	ning Systems Technology					
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Devabhaktuni, Vijay Kumar	Electrical Engineering and Co	100				
N-122318-01	A Storage Battery System for Solar			\$151,042	\$30,208	\$181,250	\$181,250
5/3/11 to 5/2/12	Ohio Department of Development thro	ough Advanced Battery Concepts					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stuart, Thomas A.	Electrical Engineering and Co	100				
N-122397-01	LED Outdoor Illumination and Conc	entrated Photovoltaics Optical	Design and	\$73,229	\$24,219	\$97,448	\$68,214
	Research						
1/19/11 to 7/18/12	Libbey, Inc.	Desertes et	a ( <b>a</b> 11)				
Role PI/PD	Name	Department	<u>% Credit</u>				
Co-I	Georgiev, Daniel G. Bhaduri, Sarit B.	Electrical Engineering and Control Mechanical, Industrial, and N	70 10				
Co-I	Gan, Yong X.	Mechanical, Industrial, and M	20				
N-122669-01	Strengthening of Glass Articles for			\$108,549	\$49,390	\$157,939	\$7,897
5/9/11 to 5/8/12	Libbey, Inc.	•		. ,	. ,	. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Bhaduri, Sarit B.	Mechanical, Industrial, and N	65				
Co-I	Gan, Yong X.	Mechanical, Industrial, and N	30				
Co-I	Georgiev, Daniel G.	Electrical Engineering and Co	5				

Engineering	g, College of			-			Dept Award
		antina ant af		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
S-121658-01-S2	eering and Computer Science, Dep	artment of Bolar Array Performance Evaluation		\$186,545	\$0	\$186,545	\$0
3/7/10 to 6/30/12	, , , , ,	•		<b>Φ100,</b> 545	φU	\$100,545	φU
Role	Name	Department	0/ Cradit				
PI/PD	Martinko, Richard S.	Intermodal Transportation Ins	<u>% Credit</u> 100				
Co-I	Stuart, Thomas A.	Electrical Engineering and Co	0				
		um of Department (Electrical Engi	neering and Co	mputer S Awar	d Count: 6.88		\$860,563
	ustrial, and Manufacturing Enginee				_		
C-106736-11	-	tion Prevention Grant Proposal		\$49,913	\$13,232	\$63,145	\$12,629
10/1/10 to 9/30/	11 U.S. Environmental Protection A	lgency					
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Kumar, Ashok	Civil Engineering, Departmer	80				
Co-I	Franchetti, Matthew J.	Mechanical, Industrial, and N	20				
C-119921-03-S3		on and Upgrading of Fischer-Tropsc	h Synthesis	\$71,188	\$15,025	\$86,213	\$86,213
	Products to Fuels			- 1			
1/17/11 to 4/15/	Foundation	Administration through University of K	entucky Researd	cn			
Role	Name	Department	% Credit				
PI/PD	Keith, Theo G.	Mechanical, Industrial, and N	100				
C-119956-02		Iuding Residual Stress Effects	100	\$43,986	\$20,014	\$64,000	\$64,000
9/15/10 to 9/15/				<b>\$</b> 40,000	φ <b>2</b> 0,014	<i>\</i> 0-1,000	ψ04,000
Role	Name	Department	% Credit				
PI/PD	Fatemi, Ali	Mechanical, Industrial, and N	100				
C-120605-02-S	3 Tribological Investigations Inv	olving Mechanical and Thermomech	anical	\$3,338	\$704	\$4,042	\$4,042
	Systems						
8/16/10 to 12/31	/10 NASA John H. Glenn Research	Center at Lewis Field through Analex C	Corporation				
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Keith, Theo G.	Mechanical, Industrial, and N	100				
C-121928-02	Fatigue Behavior and Modelin	g of Polymeric Materials		\$113,428	\$51,610	\$165,038	\$165,038
5/16/11 to 5/16/	12 General Motors						
Role	Name	Department	% Credit				
PI/PD	Fatemi, Ali	Mechanical, Industrial, and N	100				
C-122023-01	Tribological Investigations Inv	olving Mechanical and Thermomech	anical	\$19,794	\$4,300	\$24,094	\$24,094
	Systems						
10/1/10 to 3/31/	11 NASA John H. Clann Bassarah	Center at Lewis Field through QinetiQ	North America				
·····	Operation, LLC						
<u>Role</u>		Department	% Credit				

			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Mechanical, Industr	rial, and Manufacturing Engineerir	ng, Department of				
N-119941-01	Development of Computed Tome Materials and Facilities Operation	ography and Digital Radiography for Aerospace	\$117,381	\$51,648	\$169,029	\$169,029
1/1/08 to 12/31/12	NASA John H. Glenn Research Co					
Role PI/PD	<u>Name</u> Rauser, Richard W.	Department% CreditMechanical, Industrial, and N100				
Co-I	Afjeh, Abdollah A.	Mechanical, Industrial, and N	¢70.055	¢45 074	¢00.000	¢00.000
N-119942-01	Unsteady CFD Simulations NASA John H. Glenn Research Co	antar at Lowin Field	\$76,855	\$15,371	\$92,226	\$92,226
9/4/07 to 7/2/10						
Role PI/PD	<u>Name</u> To, Wai-Ming	Department <u>% Credit</u> Mechanical, Industrial, and N				
Co-PI	Keith, Theo G.	Mechanical, Industrial, and N 100				
N-119971-01	· ·	outational Tools for the Simulation of Multistage	\$47,224	\$20,779	\$68,003	\$68,003
	Turbomachinery in Support of A	eropropulsion		. ,	. ,	. ,
9/4/07 to 7/2/10	NASA John H. Glenn Research Co	enter at Lewis Field				
<u>Role</u>	<u>Name</u>	Department <u>% Credit</u>				
PI/PD	Mulac, Richard	Mechanical, Industrial, and N 100				
Co-PI	Keith, Theo G.	Mechanical, Industrial, and N 0	¢400.505	<b>*-------------</b>	¢400.040	¢400.040
N-119973-01		ucture-Property Correlation in Advanced eloped for Improved Material Performance	\$130,585	\$57,457	\$188,042	\$188,042
8/31/07 to 8/30/12	NASA John H. Glenn Research Co					
Role	Name	Department % Credit				
PI/PD	Garg, Anita	Mechanical, Industrial, and N 100				
Co-PI	Afjeh, Abdollah A.	Mechanical, Industrial, and N 0				
N-119977-01		in Advanced Propulsion and Power Systems	\$185,262	\$81,515	\$266,777	\$266,777
8/31/07 to 3/31/12	for Aeronautic and Space Explo NASA John H. Glenn Research Co					
Role	Name	Department % Credit				
PI/PD	Locci, Ivan E.	Mechanical, Industrial, and N 100				
Co-Pl	Afjeh, Abdollah A.	Mechanical, Industrial, and N				
N-119981-01	NASA-GRC Solid Oxide Fuel Ce	I Technology for High Power Density	\$411,410	\$181,021	\$592,431	\$592,431
	Aeronautic and Space Application					
10/3/07 to 10/2/11	NASA John H. Glenn Research Co					
Role	Name	Department <u>% Credit</u>				
PI/PD Co-PI	Cable, Thomas L. Keith, Theo G.	Mechanical, Industrial, and N 100 Mechanical, Industrial, and N				
N-119982-01		ce Components and Advanced Materials	\$231,423	\$101,826	\$333,249	\$333,249
9/11/07 to 6/10/12	NASA John H. Glenn Research Co	-	φ <b>2</b> 31,423	φ101,020	φ <b>333,24</b> 9	<b>₩</b> 555,249
Role	Name	Department % Credit				

Engineering, C	College of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Mechanical, Industri	ial, and Manufacturing Engineering	, Department of					
N-119983-01	Turbomachinery Aeroelastic Anal Application	ysis Tools for Aerospace Propuls	ion	\$184,889	\$81,351	\$266,241	\$266,241
11/1/07 to 10/31/12	NASA John H. Glenn Research Cer	nter at Lewis Field					
<u>Role</u> PI/PD Co-PI	<u>Name</u> Reddy, Tondapu S. Afjeh, Abdollah A.	Department Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 100				
N-119984-01	Smart Damping for Turbomachine	ery Blades		\$82,687	\$36,382	\$119,069	\$119,069
10/25/07 to 9/19/12	NASA John H. Glenn Research Cer	nter at Lewis Field					
<u>Role</u> PI/PD Co-I	<u>Name</u> Duffy, Kirsten P. Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and № Mechanical, Industrial, and №	<u>% Credit</u> 100				
N-120174-01	Advanced Aerospace Seals Resea			\$200,573	\$88,252	\$288,825	\$288,825
9/1/07 to 11/30/11	NASA John H. Glenn Research Cer	nter at Lewis Field through Universit	y of Akron				
Role PI/PD Co-I	<u>Name</u> Taylor, Shawn Keith, Theo G.	Department Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 100				
N-120176-01	Advanced Aerospace Seals Resea			\$200,573	\$88,252	\$288,825	\$288,825
12/1/07 to 11/30/11	NASA John H. Glenn Research Cer	nter at Lewis Field through Universit	y of Akron				
Role PI/PD Co-I	<u>Name</u> Demange, Jeffrey J. Keith, Theo G.	Department Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 95 5				
N-120567-01	Fatigue Behavior of Sheet and Ca			\$26,174	\$11,516	\$37,690	\$37,690
3/1/08 to 5/8/09	General Motors		inty	Ψ20,114	φ11,010	ψ01,000	ψ01,000
Role PI/PD	<u>Name</u> Fatemi, Ali	<u>Department</u> Mechanical, Industrial, and №	<u>% Credit</u> 100				
N-121160-01	Nitinol Prototyping Center			\$600,000	\$0	\$600,000	\$522,000
6/14/10 to 7/27/12	Ohio Department of Development						
<u>Role</u> PI/PD Co-PI Co-I	<u>Name</u> Elahinia, Mohammad Goel, Vijay K. Bhaduri, Sarit B.	Department Mechanical, Industrial, and N Bioengineering, Department Mechanical, Industrial, and N	<u>% Credit</u> 54 13 33				
N-121811-01	<b>Application of Numerical Propuls</b>	ion System Simulation (NPSS)		\$10,909	\$1,091	\$12,000	\$12,000
9/1/09 to 12/31/09	Lockheed Martin						
<u>Role</u> PI/PD	<u>Name</u> Afjeh, Abdollah A.	<u>Department</u> Mechanical, Industrial, and №	<u>% Credit</u> 100				
N-121831-01	Wind Turbine Performance Enhar	-		\$34,734	\$15,804	\$50,538	\$50,538
7/1/10 to 6/30/11	U.S. Department of Energy through	Orbital Research Inc.					
Role PI/PD	<u>Name</u> Ng, Tsun-Ming Terry	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				

Engineering, C	College of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
<u> </u>	ial, and Manufacturing Engineerin	ng. Department of		<u>Diroct 0001</u>	<u>Indirott Coot</u>	lotary mara	<u>010011</u>
N-121986-01 4/25/10 to 2/28/11	Open Design and Development	of an Extensible Graphical User Int collection, Development Environme		\$21,111	\$5,489	\$26,600	\$26,600
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Afjeh, Abdollah A.	Mechanical, Industrial, and N	100				
<b>N-122030-01</b> 6/1/10 <u>to 5/31/12</u>	Center for Advanced Concept Of U.S. Department of Energy	ffshore Wind Turbine Development		\$565,812	\$184,188	\$750,000	\$750,000
<u>Role</u> PI/PD Co-I	<u>Name</u> Afjeh, Abdollah A. Kozar, Robert P.	<u>Department</u> Mechanical, Industrial, and N Administration, College of En	<u>% Credit</u> 100 0				
N-122049-01 7/1/10 to 12/23/11	Advanced Computational Aerody Prediction Bell Helicopter	ynamics Tools for Rotor Performar	ice	\$54,983	\$25,017	\$80,000	\$80,000
Role PI/PD	<u>Name</u> Sheng, Chunhua	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				
<b>N-122090-01</b> 6/1/10 to 12/31/10	CFD Study of Stacked Tail Rotor Bell Helicopter	S		\$47,534	\$21,628	\$69,162	\$69,162
<u>Role</u> PI/PD	<u>Name</u> Sheng, Chunhua	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				
<b>N-122116-01</b> 9/1/10 <u>to 8/31/11</u>	EAGER: Feasibility Study of Hyl National Science Foundation	brid Friction-Stir Riveting of Mg All	oys	\$51,547	\$23,454	\$75,001	<b>\$75,00</b> 1
<u>Role</u> PI/PD Co-I	<u>Name</u> Zhang, Hongyan Jayatissa, Ahalapitiya H.	<u>Department</u> Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 50 50				
<b>N-122124-01</b> 9/1/10 to 6/5/15	Application of Wave Bearing Tec U.S. Department of the Army throu	hnology To Helicopter Transmission Igh Bell Helicopter	ons	\$965,918	\$216,598	\$1,182,516	\$1,182,516
<u>Role</u> PI/PD	<u>Name</u> Afjeh, Abdollah A.	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
<b>N-122151-01</b> 8/1/10 to 12/18/10	Coolant Fluids Fundamental Med Wright-Patterson Air Force Base th	chanical Research Engineer hrough Universal Technology Corpora	ntion	\$17,182	\$7,818	\$25,000	\$25,000
<u>Role</u> PI/PD	<u>Name</u> Li, Hong	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				
N-122183-01	Glass Technology Research			\$20,145	\$9,166	\$29,311	\$19,638
9/1/10 to 5/31/11	Libbey, Inc.	-					
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Bhaduri, Sarit B. Gan, Yong X. Georgiev, Daniel G.	Department Mechanical, Industrial, and N Mechanical, Industrial, and N Electrical Engineering and C	<u>% Credit</u> 34 33 33				

Engineering, (	College of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Mechanical, Industr	ial, and Manufacturing Engineerin	g, Department of					
N-122319-01	Flywheel Analysis			\$7,414	\$1,714	\$9,128	\$9,128
11/1/10 to 12/31/10		nter at Lewis Field through QinetiQ N	North America				
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
N-122397-01		oncentrated Photovoltaics Optical	Design and	\$73,229	\$24,219	\$97,448	\$29,234
1/19/11 to 7/18/12	Libbey, Inc.						
Role PI/PD	<u>Name</u> Georgiev, Daniel G.	Department Electrical Engineering and Co	<u>% Credit</u> 70				
Co-I Co-I	Bhaduri, Sarit B. Gan, Yong X.	Mechanical, Industrial, and N Mechanical, Industrial, and N	10 20				
N-122669-01	Strengthening of Glass Articles f	or LED Outdoor Components		\$108,549	\$49,390	\$157,939	\$150,042
5/9/11 to 5/8/12	Libbey, Inc.						
Role PI/PD Co-I	<u>Name</u> Bhaduri, Sarit B. Gan, Yong X.	<u>Department</u> Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 65 30				
Co-I	Georgiev, Daniel G.	Electrical Engineering and Co	5				
N-122690-01	The Business Waste Reduction A	Assistance Program		\$340,910	\$34,091	\$375,001	\$375,001
1/1/11 to 12/31/15	Lucas County Solid Waste Division	1					
Role PI/PD	<u>Name</u> Franchetti, Matthew J.	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
R-119911-04	Turbomachinery Computational	AeroAcoustics (CAA)		\$121,744	\$43,005	\$164,749	\$164,749
10/1/10 to 8/31/11	NASA John H. Glenn Research Ce Corporation	nter at Lewis Field through ASRC Ae	erospace				
<u>Role</u> PI/PD	<u>Name</u> Hixon, Duane	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
<b>R-119940-02</b> 3/9/10 to 8/31/12	Development of Life Prediction a Temperature Composites NASA John H. Glenn Research Ce	nd Probabilistic Analysis Tools for	r High	\$421,904	\$88,022	\$509,926	\$509,926
Role PI/PD	Name Keith, Theo G.	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				
R-122090-02	CFD Study of Stacked Tail Rotors	8		\$44,673	\$20,326	\$64,999	\$64,999
4/1/11 to 12/31/11	Bell Helicopter						
Role PI/PD	<u>Name</u> Sheng, Chunhua	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				

Engineering, (	College of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
lechanical, Industi	ial, and Manufacturing Engineer	ng, Department of					
S-119921-03-S2	Basic Studies for the Production Products to Fuels	n and Upgrading of Fischer-Tropsch	n Synthesis	\$92,260	\$18,452	\$110,712	\$110,712
1/17/08 to 4/15/11	National Aeronautics and Space Foundation	Administration through University of Ke	ntucky Researc	h			
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
S-119956-02-S1	Axial and Bending Fatigue Incl	uding Residual Stress Effects		\$21,650	\$9,850	\$31,500	\$31,500
9/15/10 to 9/15/11	Eaton Corporation						
<u>Role</u> PI/PD	<u>Name</u> Fatemi, Ali	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
S-121986-01-S1	NPSS - Phase I: Requirements project Plan Recommendations	of an Extensible Graphical User Inte Collection, Development Environme		\$48,810	\$12,690	\$61,500	\$61,500
11/1/10 to 2/28/11	Ohio Aerospace Institute						
Role PI/PD Co-I	<u>Name</u> Afjeh, Abdollah A. Reed, John A.	Department Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 50 50				
S-121986-01-S2	Open Design and Development	of an Extensible Graphical User Inte Collection, Development Environme	erface for	\$39,683	\$10,317	\$50,000	\$50,000
3/1/11 to 7/3/11	Ohio Aerospace Institute						
Role PI/PD Co-I	<u>Name</u> Afjeh, Abdollah A. Reed, John A.	<u>Department</u> Mechanical, Industrial, and N Mechanical, Industrial, and N	<u>% Credit</u> 100 0				
S-122023-01-S1 4/1/11 to 5/27/11	Tribological Investigations Invo Systems	Iving Mechanical and Thermomecha	anical	\$5,842	\$1,168	\$7,010	\$7,010
	Operation, LLC						
<u>Role</u> PI/PD	<u>Name</u> Keith, Theo G.	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				
S-122319-01-S1	Flywheel Analysis			\$10,704	\$2,277	\$12,981	\$12,981
2/1/11 to 5/31/11	NASA John H. Glenn Research C Operation, LLC	Center at Lewis Field through QinetiQ N	lorth America				
<u>Role</u> PI/PD	<u>Name</u> Keith, Theo G.	Department Mechanical, Industrial, and N	<u>% Credit</u> 100				

echanical. Indust	rial, and Manufacturing Engineering	. Department of					
5-122319-01-S2 5/4/11 to 8/31/11	Flywheel Analysis NASA John H. Glenn Research Cen Operation, LLC	•	North America	\$14,555	i \$2,955	\$17,510	\$17,51
Role PI/PD	<u>Name</u> Keith, Theo G.	<u>Department</u> Mechanical, Industrial, and N	<u>% Credit</u> 100				
	S	Sum of Department ( <b>Mechanical, Ir</b>	ndustrial, and N	Nanufactu A	ward Count: <b>40.99</b>		\$7,473,17
olymer Institute							
N-122347-01	Barrier Properties Improvement of	f PET Bottles		\$216,496	\$98,506	\$315,002	\$315,00
3/23/10 to 10/1/12	Pepsico Beverages and Foods						
<u>Role</u> PI/PD	<u>Name</u> Jabarin, Saleh A.	<u>Department</u> Polymer Institute	<u>% Credit</u> 100				
-		Sum of Depar	tment ( <b>Polymer</b>	Institute) A	ward Count: 1.00		\$315,00
		Sum of College	(Engineering C		ward Count: 102.33		\$12,991,14
	iterature and Social Scien			Direct Cos	<u>st Indirect Cost</u>	Total Award	<u>Dept Awar</u> <u>Credit</u>
anguages, L conomics, Depart C-120628-03		ices, College of		Direct Cos			Dept Award Credit \$25,00
conomics, Depart	ment of	nces, College of				Total Award	<u>Credit</u>
conomics, Depart C-120628-03	ment of Analyzing Regional Freight Inform	nces, College of	<u>% Credit</u> 25 25 25 25 25			Total Award	<u>Credit</u>
conomics, Depart C-120628-03 10/1/10 to 9/30/11 Role PI/PD Co-I Co-I Co-I	ment of Analyzing Regional Freight Inform U.S. Department of Transportation th <u>Name</u> Lindquist, Peter S. Smirnov, Oleg A. Sundararaghavan, P. S.	nation Resources hrough University of Wisconsin Department Geography and Planning, De Economics, Department of Information Operations and 1 Information Operations and 1	<u>% Credit</u> 25 25 25 25 25		\$30,555	Total Award	<u>Credit</u>
conomics, Depart C-120628-03 10/1/10 to 9/30/11 Role PI/PD Co-I Co-I Co-I Co-I N-121998-01 11/1/10 to 10/31/13	ment of Analyzing Regional Freight Inform U.S. Department of Transportation th Name Lindquist, Peter S. Smirnov, Oleg A. Sundararaghavan, P. S. Vonderembse, Mark A. Climate Change Education: Enga Misperceptions using NASA data	Aces, College of mation Resources hrough University of Wisconsin Department Geography and Planning, De Economics, Department of Information Operations and 1 Information Operations and 1 Information Operations and 1	<u>% Credit</u> 25 25 25 25 25	\$69,445	\$30,555	<u>Total Award</u> \$100,000	<u>Credit</u> <b>\$25,00</b>
conomics, Depart -120628-03 10/1/10 to 9/30/11 Role PI/PD Co-I Co-I Co-I Co-I N-121998-01 11/1/10 to 10/31/13 Role PI/PD Co-I Co-I	ment of Analyzing Regional Freight Inform U.S. Department of Transportation th Name Lindquist, Peter S. Smirnov, Oleg A. Sundararaghavan, P. S. Vonderembse, Mark A. Climate Change Education: Enga Misperceptions using NASA data National Aeronautics and Space Addr Name Czajkowski, Kevin Paul Apul, Defne	Aces, College of nation Resources hrough University of Wisconsin Department Geography and Planning, De Economics, Department of Information Operations and 1 Information Operations and 1 ging Teachers and Students and ministration Department Geography and Planning, De Civil Engineering, Departmer	<u>% Credit</u> 25 25 25 25 25 <b>Correcting</b> <u>% Credit</u> 39 11	\$69,445	\$30,555	<u>Total Award</u> \$100,000	<u>Credit</u> \$25,00
conomics, Depart -120628-03 10/1/10 to 9/30/11 Role PI/PD Co-I Co-I Co-I Co-I N-121998-01 11/1/10 to 10/31/13 Role PI/PD	ment of Analyzing Regional Freight Inform U.S. Department of Transportation th Name Lindquist, Peter S. Smirnov, Oleg A. Sundararaghavan, P. S. Vonderembse, Mark A. Climate Change Education: Enga Misperceptions using NASA data National Aeronautics and Space Addr Name Czajkowski, Kevin Paul	Aces, College of nation Resources hrough University of Wisconsin Department Geography and Planning, De Economics, Department of Information Operations and 1 Information Operations and 1 ging Teachers and Students and ministration Department Geography and Planning, De	<u>% Credit</u> 25 25 25 25 25 <b>Correcting</b> <u>% Credit</u> 39	\$69,445	\$30,555	<u>Total Award</u> \$100,000	<u>Credit</u> \$25,00

Sum of Department (Economics, Department of) Award Count: 0.36

\$66,497

Languages, Li	terature and Social Scienc	es, College of		Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Award</u> Credit
Foreign Languages	. Department of	-					
S-119920-05	Student Teacher Assistants			\$7,500	\$750	\$8,250	\$8,250
4/1/10 to 3/31/11	Japanese School of Toledo						
Role	Name	Department	% Credit				
PI/PD	Hara, Joseph	Foreign Languages, Departm	100				
		Sum of Department (Foreign Lar	nguages, Depar	rtment of) Awa	ard Count: 1.00		\$8,250
Geography and Plai	nning, Department of						
C-120628-03	Analyzing Regional Freight Information	tion Resources		\$69,445	\$30,555	\$100,000	\$25,000
10/1/10 to 9/30/11	U.S. Department of Transportation thro			. ,	. ,	. ,	
Role	Name	Department	% Credit				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	25				
Co-I	Smirnov, Oleg A.	Economics, Department of	25				
Co-I	Sundararaghavan, P. S.	Information Operations and T	25				
Co-I	Vonderembse, Mark A.	Information Operations and T	25				
N-110185-01-A1	Students and Teachers Exploring Lo	ocal Landscapes to Interpret th	e Earth from	\$7,655	\$3,368	\$11,023	\$11,023
	Space Application to the Internation			. ,	. ,	. ,	. ,
9/1/07 to 5/31/10	NASA Goddard Space Flight Center th						
Role	Name	Department	% Credit				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	100				
N-121163-01-A1	Environmental Sensor System for th			\$350,000	\$0	\$350,000	\$70,000
8/15/10 to 7/31/13	National Science Foundation						
Role	Name	Department	% Credit				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Re	20				
Co-I	Becker, Richard	Environmental Sciences, Der	20				
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Re	20				
Co-I	Chen, Jiquan	Environmental Sciences, Der	20				
Co-I	Czajkowski, Kevin Paul	Geography and Planning, De	20				
N-121786-01	Monitoring Agricultural Sewage Slu	dge, 2010		\$365,040	\$102,960	\$468,000	\$173,160
7/1/10 to 6/30/13	U.S. Department of Agriculture						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	37				
Co-I	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Securi	13				
Co-I	Fink, Brian N.	Public Hlth/Homeland Securi	0				
Co-I	Khuder, Sadik	Medicine, Department of	0				
Co-I	Kumar, Ashok	Civil Engineering, Departmer	9				
Co-I	Milz, Sheryl A.	Public Hith/Homeland Securi	13				
Co-I	Sigler, William Von	Environmental Sciences, Der	14				
Co-I	Spongberg, Alison L.	Environmental Sciences, Der	14				

Dept Award

Languages, Literature and Social Sciences, College of

Direct Cost Indirect Cost Total Award Credit

	nning, Department of						
N-121810-01	Prevention of Surface Water Co	ntamination from Biosolids Applica	tion	\$378,164	\$172,064	\$550,228	\$170,571
9/30/10 to 6/30/12	U.S. Environmental Protection Age	ency					
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	31				
Co-I	Dwyer, Daryl	Environmental Sciences, Dep	23				
Co-I	Sigler, William Von	Environmental Sciences, Dep	20				
Co-I	Spongberg, Alison L.	Environmental Sciences, Dep	26				
N-121998-01		gaging Teachers and Students and	Correcting	\$255,763	\$121,487	\$377,250	\$147,127
	Misperceptions using NASA dat						
11/1/10 to 10/31/13	National Aeronautics and Space A	dministration					
<u>Role</u>	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	39				
Co-I	Apul, Defne	Civil Engineering, Departmer	11				
Co-I	Becker, Richard	Environmental Sciences, Dep	17				
Co-I	Bjorkman, Karen B.	Physics and Astronomy, Dep	22				
Co-I	Egan, Kevin	Economics, Department of	11				
Co-I	Khare, Sanjay	Physics and Astronomy, Dep	0				
Co-I	Lawrence, Patrick L.	Geography and Planning, De	0				
Co-I	Nemeth, David J.	Geography and Planning, De	0				
N-122005-01		storation Project for the Ottawa Riv	ver at The	\$221,688	\$13,508	\$235,196	\$235,196
	University of Toledo, Ohio						
2/28/11 to 12/31/12	Ohio Environmental Protection Ag	ency					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Lawrence, Patrick L.	Geography and Planning, De	100				
N-122055-01	Expanding Regional Freight Info	ormation Resources for the Upper M	lidwest	\$8,540	\$1,460	\$10,000	\$10,000
	Phase VI						
10/1/10 to 9/30/11	U.S. Department of Transportation	h through University of Wisconsin-Sup	erior				
Role	Name	Department	% Credit				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	100				
N-122273-01	Assisting the United States Arm	y Corps of Engineers in Integrating	and	\$73,993	\$26,007	\$100,000	\$100,000
	Enhancing Navigation Data Coll						. ,
9/1/10 to 9/15/11		through University of Wisconsin-Sup	erior				
Role	Name	Department	% Credit				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	100				
N-122274-01	NCFRP-35			\$21,593	\$9,346	\$30,939	\$30,939
	1 CPCS Transcom Limited			. ,			
Role	Name	Department	% Credit				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	100				
			100				

Direct Cost Indirect Cost Total Award Credit

De	nt	Awa	ard
	μι	~vv	aru

eography and Pla	anning, Department of						
N-122478-01	Foreclosures in New York City			\$10,000	\$0	\$10,000	\$10,00
3/1/11 to 9/30/11	Center for NYC Neighborhoods						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Hammel, Daniel J.	Geography and Planning, De	100				
N-122548-01	Developing Commodity Flow Mo			\$27,438	\$12,484	\$39,922	\$39,92
2/15/11 to 2/29/12	U.S. Department of the Army throu	ugh Marshall University Research Co	rporation				
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Lindquist, Peter S.	Geography and Planning, De	100				
N-122642-01		tial Distribution of Public High Sch	ools and	\$21,818	\$2,182	\$24,000	\$24,00
	TARTA Bus Stop Locations Usin						
5/23/11 to 5/31/12	Toledo Area Regional Transit Auth	•					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Alam, Bhuiyan M.	Geography and Planning, De	100		<b>•</b> • • • • • •		<b>•</b> · • • •
N-122698-01	Data Acquisition, Management a Great Lakes Shipping Revitaliza	and Delivery Functions in Support	of U.S. Flag -	\$28,867	\$13,133	\$42,000	\$42,00
	Great Lakes Shinning Revitaliza	tion Study					
1/1/1/11 + 0/1/11							
	Maritime Administration through U	niversity of Wisconsin-Superior	0/ One dit				
Role	Maritime Administration through U Name	Iniversity of Wisconsin-Superior	<u>% Credit</u>				
1/14/11 to 9/1/11 Role PI/PD	Maritime Administration through U	Iniversity of Wisconsin-Superior Department Geography and Planning, De	100				¢4,000,00
Role	Maritime Administration through U Name	Iniversity of Wisconsin-Superior	100	partment Award	d Count: <b>10.52</b>		\$1,088,93
Role PI/PD	Maritime Administration through U Name	<u>Department</u> <u>Geography and Planning, De</u> Sum of Department ( <b>Geography an</b>	100	partment Award	d Count: <b>10.52</b>		\$1,088,93
Role PI/PD Diitical Science a	Maritime Administration through U Name Lindquist, Peter S. nd Public Administration, Departm	<u>Department</u> <u>Geography and Planning, De</u> Sum of Department ( <b>Geography an</b>	100 nd Planning, De	partment Award	d Count: <b>10.52</b> <b>\$0</b>	\$92,375	
Role PI/PD Ditical Science an	Maritime Administration through U <u>Name</u> Lindquist, Peter S. nd Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences	Iniversity of Wisconsin-Superior <u>Department</u> Geography and Planning, De Sum of Department (Geography and the second	100 nd Planning, De				
Role PI/PD Diitical Science an N-121569-01 3/1/10 to 2/28/12	Maritime Administration through U <u>Name</u> Lindquist, Peter S. nd Public Administration, Departm Lesotho and South Africa: A Cu	Iniversity of Wisconsin-Superior <u>Department</u> Geography and Planning, De Sum of Department (Geography and the second	100 nd Planning, De				
Role           PI/PD           Ditical Science at           N-121569-01           3/1/10 to 2/28/12           Role	Maritime Administration through U Name Lindquist, Peter S. Ad Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name	Iniversity of Wisconsin-Superior Department Geography and Planning, De Sum of Department (Geography and ment of Irriculum Development Project Inter Department	100 nd Planning, De egrating <u>% Credit</u>				
Role           PI/PD           Ditical Science at           N-121569-01           8/1/10 to 2/28/12           Role           PI/PD	Maritime Administration through U Name Lindquist, Peter S. nd Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E.	Iniversity of Wisconsin-Superior <u>Department</u> Geography and Planning, De Sum of Department ( <b>Geography and</b> Initial Science and Public /	100 nd Planning, De egrating	\$92,375	\$0		
Role           PI/PD           olitical Science and           N-121569-01           3/1/10 to 2/28/12           Role           PI/PD	Maritime Administration through U Name Lindquist, Peter S. Ad Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation	Iniversity of Wisconsin-Superior <u>Department</u> Geography and Planning, De Sum of Department ( <b>Geography and</b> Initial Science and Public /	100 nd Planning, De egrating <u>% Credit</u>				\$92,37
Role           PI/PD           Ditical Science and the second secon	Maritime Administration through U Name Lindquist, Peter S. Md Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E.	Iniversity of Wisconsin-Superior <u>Department</u> Geography and Planning, De Sum of Department ( <b>Geography and</b> Initial Science and Public /	100 nd Planning, De egrating <u>% Credit</u>	\$92,375	\$0	\$92,375	\$92,37
Role           PI/PD           Ditical Science at           N-121569-01           3/1/10 to 2/28/12           Role           PI/PD           N-122323-01           11/1/10 to 8/31/11           Role	Maritime Administration through U Name Lindquist, Peter S. Merrica Administration, Departme Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation Lucas County TASC, Inc Name	Iniversity of Wisconsin-Superior         Department         Geography and Planning, De         Sum of Department (Geography and Planning, De         nent of         Irriculum Development Project Interview         Department         Political Science and Public /         Department         Department	100 nd Planning, Dep grating <u>% Credit</u> 100 <u>% Credit</u>	\$92,375	\$0	\$92,375	\$92,37
Role           PI/PD           Ditical Science at           N-121569-01           3/1/10 to 2/28/12           Role           PI/PD           N-122323-01           11/1/10 to 8/31/11           Role           PI/PD	Maritime Administration through U Name Lindquist, Peter S. M Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation Lucas County TASC, Inc Name Jenkins, Morris	Department Geography and Planning, De         Sum of Department (Geography and Planning, De         Sum of Department (Geography and ment of         Inriculum Development Project International Political Science and Public / Political Science and Public / On         Department Political Justice and Social V	100 nd Planning, Dep egrating <u>% Credit</u> 100 <u>% Credit</u> 34	\$92,375	\$0	\$92,375	\$92,37
Role           PI/PD           Ditical Science at           N-121569-01           8/1/10 to 2/28/12           Role           PI/PD           N-122323-01           11/1/10 to 8/31/11           Role           PI/PD           Co-I	Maritime Administration through U Name Lindquist, Peter S. M Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation Lucas County TASC, Inc Name Jenkins, Morris Heberle, Renee J.	Department Geography and Planning, De         Sum of Department (Geography and Planning, De         Sum of Department (Geography and ment of         Inriculum Development Project International Political Science and Public / Political Science and Public / Political Science and Public / Political Science and Public /	100 nd Planning, De grating <u>% Credit</u> 100 <u>% Credit</u> 34 33	\$92,375	\$0	\$92,375	\$92,37
Role           PI/PD           Ditical Science at           I-121569-01           I/1/10 to 2/28/12           Role           PI/PD           I-122323-01           1/1/10 to 8/31/11           Role           PI/PD	Maritime Administration through U Name Lindquist, Peter S. M Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation Lucas County TASC, Inc Name Jenkins, Morris	Department Geography and Planning, De         Sum of Department (Geography and Planning, De         Sum of Department (Geography and Planning, De         Import of         Import of         Import of         Department Political Science and Public / On         Department Criminal Justice and Social V Political Science and Public / Criminal Justice and Social V	100 nd Planning, Dep egrating <u>% Credit</u> 100 <u>% Credit</u> 34 33 33	\$92,375 \$9,060	\$0 \$906	\$92,375	\$92,37 \$3,28
Role           PI/PD           olitical Science at           N-121569-01           3/1/10 to 2/28/12           Role           PI/PD           N-122323-01           11/1/10 to 8/31/11           Role           PI/PD           Co-I	Maritime Administration through U Name Lindquist, Peter S. M Public Administration, Departm Lesotho and South Africa: A Cu Visual Arts and Social Sciences U.S. Department of Education Name Denham, Mark E. Lucas County Reentry Evaluation Lucas County TASC, Inc Name Jenkins, Morris Heberle, Renee J.	Department Geography and Planning, De         Sum of Department (Geography and Planning, De         Sum of Department (Geography and ment of         Inriculum Development Project International Political Science and Public / Political Science and Public / Political Science and Public / Political Science and Public /	100 nd Planning, Dep egrating <u>% Credit</u> 100 <u>% Credit</u> 34 33 33	\$92,375 \$9,060	\$0	\$92,375	\$1,088,93 \$92,37 \$3,28 \$95,66

			<u>D</u>	ept Award
Law, College of	Direct Cost	Indirect Cost	Total Award	Credit

aw, College of				Cost	Indirect Cost		
N-122350-01	Legal Tools and Best Practices for	or Reducing Harmful Algae Blooms	s \$23	,796	\$10,827	\$34,623	\$27,69
4/1/11 to 1/31/12	-	Administration through National Sea		,	<i><i><i>v</i>:<i>v</i>,<i>v</i>=<i>i</i></i></i>	<b>+•</b> 1, <b>•</b> _•	<b>4</b> _1,00
Role	Name	Department	% Credit				
PI/PD Co-I	Kilbert, Kenneth K. Stepien, Carol	Law, College of Lake Erie Soil and Water Re	80 20				
		Sum of Depa	artment (Law, College of	) Awa	ard Count: <b>0.80</b>		\$27,69
		Sum of 0	College (Law, College of	f) Awa	ard Count: <b>0.80</b>		\$27,69
ledicine, Col	lege of			<b>a</b> .			Dept Awa
•			Direct	Cost	Indirect Cost	Total Award	<u>Credit</u>
HEC	Model State Supported AUEC		¢700	000	¢0 400	\$702.000	\$702.0
<b>C-010336-17</b> 9/1/10 to 8/31/11	Model State-Supported AHEC Division of Medicine		\$789	,982	\$2,108	\$792,090	\$792,0
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Vasquez, Kathleen	AHEC	100				
8-011191-18	Women's Health Week		\$7	,960	\$0	\$7,960	\$7,9
1/2/10 to 6/30/11	Ohio Department of Health - Federa	° ·					
Role PI/PD	Name	<u>Department</u> AHEC	<u>% Credit</u>				
PI/PD	Vasquez, Kathleen		100	<u> </u>			
		Su	m of Department (AHEC	) Awa	ard Count: <b>2.00</b>		\$800,0
	ncer Biology, Department of Digitalis-Induced Signaling by Ca	rdiac Na+/K+-ATPasa	\$1,077	/10	\$375,943	\$1,453,353	\$1,453,3
~_ <b>010087_23</b>	Digitalis-induced Digitaling by Ca		φ1,077	,+10	ψ010,940	ψ1, <del>4</del> 05,555	ψ1,400,0
	National Heart, Lung & Blood Institu	ute					
/1/11 to 3/31/12	National Heart, Lung & Blood Institu Name	-	% Credit				
	National Heart, Lung & Blood Institu <u>Name</u> Askari, Amir	<u>Department</u> Biochemistry & Cancer Biolog	<u>% Credit</u> 100	Т			
/1/11 to 3/31/12 Role PI/PD Co-I	<u>Name</u> Askari, Amir Garlid, Keith	Department Biochemistry & Cancer Biolog		T			
/1/11 to 3/31/12 Role PI/PD Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun	Department Biochemistry & Cancer Biolog Phys Pharm Met/Cardio Scie		T			
/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V.	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie		Ι			
/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	100		\$00 c74	\$004 F20	
/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian <b>Elderly Immune Response to Pne</b>	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie		,865	\$92,671	\$284,536	
/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian <b>Elderly Immune Response to Pne</b> National Institute on Aging	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	100 \$191	,865	\$92,671	\$284,536	
/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I Role	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian <b>Elderly Immune Response to Pne</b> <u>National Institute on Aging</u> <u>Name</u>	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie eumoccoccal Polysaccharide Department	100 \$191 <u>% Credit</u>	,865	\$92,671	\$284,536	
A/1/11 to 3/31/12 Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I Role PI/PD	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian <b>Elderly Immune Response to Pne</b> <u>National Institute on Aging</u> <u>Name</u> Westerink, M.A. Julia	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie eumoccoccal Polysaccharide Department Medicine, Department of	100 \$191	,865	\$92,671	\$284,536	
PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Askari, Amir Garlid, Keith Liu, Lijun Pierre, Sandrine V. Xie, Zi-Jian <b>Elderly Immune Response to Pne</b> <u>National Institute on Aging</u> <u>Name</u>	Department Biochemistry & Cancer Biolo Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie eumoccoccal Polysaccharide Department	100 \$191 <u>% Credit</u>	,865	\$92,671	\$284,536	

				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Biochemistry & Ca	ncer Biology, Department of						
C-119895-02	<b>RKIP</b> Regulation as a Potential for	Tumor Metastasis Suppression		\$187,782	\$93,516	\$281,298	\$281,298
7/1/10 to 6/30/12	National Cancer Institute						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Yeung, Kam C.	Biochemistry & Cancer Biolo	100				
Co-I	Bazeley, Peter Stephen	Provost, Health Sciences Biochemistry & Cancer Biolo					
Co-I C-120360-02	DeLaSerna, Ivana			¢047 407	¢400.007	¢267.004	
6/1/11 to 5/31/12	Immune Response to Pneumococo National Institutes of Health	cal vaccine in HIV infected Adults	•	\$247,137	\$120,087	\$367,224	
		Department	0/ <b>O</b> = 1''				
<u>Role</u> PI/PD	<u>Name</u> Westerink, M.A. Julia	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
Co-I	Dignam, John David	Biochemistry & Cancer Biolo	100				
Co-I	Khuder, Sadik	Medicine, Department of					
C-120751-02	Novel Role of Base Excision Repa	ir and Mismatch Repair in Cisplat	in Sensitivity	\$196,838	\$85,255	\$282,093	\$282,09
3/1/11 to 2/29/12	National Institute of General Medical	Sciences					
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Patrick, Stephan	Biochemistry & Cancer Biolog	100				
C-120754-02	Targeted Treatments for Invasive (	CNS Tumors		\$187,670	\$93,460	\$281,130	
3/1/11 to 2/29/12	National Institute of Neurological Dis	orders and Stroke					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Howard, Marthe	Neurosciences, Department	100				
Co-l	Maltese, William A.	Biochemistry & Cancer Biolo		<u> </u>	<b>*</b> 4 0 0 0 0 5		<b>***</b>
C-120768-03	Dissecting the Mechanisms of Tan	noxifen Action		\$201,275	\$100,235	\$301,510	\$301,51
5/1/11 to 4/30/12	National Institutes of Health	-					
Role PI/PD	<u>Name</u> Dataam Manahar	Department Dischamistry & Concer Dislo	<u>% Credit</u>				
C-121294-02	Ratnam, Manohar Regulation of Melanocyte Differen	Biochemistry & Cancer Biolo	100	\$225,038	\$112,069	\$337,107	¢227 40
6-121294-02	Enzymes	liation by Swi/SNF Chromatin Re	modeling	<b>\$22</b> 5,030	<b>ΦΠΖ,009</b>	\$337,107	\$337,10
6/1/11 to 5/31/12	National Institutes of Health						
Role	Name	Department	% Credit				
PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biolo	100				
Co-I	Khuder, Sadik	Medicine, Department of					
Co-I	Yeung, Kam C.	Biochemistry & Cancer Biolo					
C-121316-03	Laboratory Bench Translational W	ork Related to Commercial Devel	opment of	\$48,000	\$12,000	\$60,000	\$60,00
5/1/11 to 4/30/12	Pegylated Albumin ADS Biotechnology Corporation						
Role		Doportmont	0/ Crodit				
	Name	<u>Department</u>	% Credit				

ledicine, Col	•			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
	ncer Biology, Department of			<b>*</b> 004 075	\$400 00F	<b>*</b> 004 540	<b>*</b> 004 <b>5</b> 4
C-121526-02	Mechanisms Driving Cortical Cyto	oskeleton Dynamics in Cancer Ce	II Invasion	\$201,275	\$100,235	\$301,510	\$301,51
6/1/11 to 5/31/12	National Institutes of Health	-					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD Co-I	Eisenmann, Kathryn M.	Biochemistry & Cancer Biolo Biochemistry & Cancer Biolo	100				
N-120589-01-A2	Gunning, William T.	-		¢456 705	¢70 030	¢004 744	¢004 74
9/20/10 to 8/31/11	Defining Preadipocyte Signature ( National Institutes of Health	Jenes		\$156,705	\$78,039	\$234,744	\$234,74
		Department					
Role PI/PD	<u>Name</u> Smas, Cynthia M.	Department Biochemistry & Cancer Biolog	<u>% Credit</u> 100				
N-121294-01-A1	Regulation of Melanocyte Differer			\$236,447	\$114,492	\$350,939	\$350,93
N-121294-01-A1	Enzymes	Ination by SWI/SNF Chromatin Re	inodening	\$Z30,447	<b>φ114,49</b> Ζ	<b>\$350,939</b>	\$350,95
9/17/10 to 5/31/11	National Institutes of Health						
Role	Name	Department	% Credit				
PI/PD	DeLaSerna, Ivana	Biochemistry & Cancer Biolog	100				
Co-l	Khuder, Sadik	Medicine, Department of					
Co-l	Yeung, Kam C.	Biochemistry & Cancer Biolog					
N-121526-01	Mechanisms Driving Cortical Cyto	oskeleton Dynamics in Cancer Ce	II Invasion	\$207,500	\$103,335	\$310,835	\$295,29
7/1/10 to 5/31/11	National Institutes of Health						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Eisenmann, Kathryn M.	Biochemistry & Cancer Biolo	90				
Co-l Co-l	Gunning, William T. Kalinoski, Andrea L.	Biochemistry & Cancer Biolog Surgery, Department of	5 5				
N-122123-01	The Third International Symposiu			\$8,000	\$0	\$8,000	\$8,00
10/8/10 to 10/15/10	· · ·	in on Polate Receptors and mans	porters	\$0,000	φυ	φ0,000	φ0,00
Role		Department	0/ Oredit	1			
PI/PD	<u>Name</u> Ratnam, Manohar	Biochemistry & Cancer Biolo	<u>% Credit</u> 100				
N-122161-01	13th Annual Midwest DNA Repair	-	100	\$4,000	\$0	\$4,000	\$4,00
5/1/11 to 4/30/12	National Cancer Institute	oymposium -		ψ-,000	ΨŬ	φ4,000	ψ4,00
Role	Name	Department	% Credit				
1 COIC	Patrick, Stephan	Biochemistry & Cancer Biolog	100				
PI/PD							

Family Medicine, Department of

Medicine, Col	logo of						Dept Award
Family Medicine, Do	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-122184-01	Outcomes of Implementation of Maintenance (FIRM) Protocol	the LTC Foley Insertion, Removal a	Ind	\$92,765	\$6,770	\$99,535	\$99,535
	1 Medline Industries, Inc	Denerterent	o/ <b>o</b> !!!				
<u>Role</u> PI/PD Co-I Statistician	<u>Name</u> Gokula, R.R.Murthy Gaspar, Phyllis M. Khuder, Sadik	<u>Department</u> Family Medicine, Departmen Family Medicine, Departmen Medicine, Department of	<u>% Credit</u> 50 50				
N-122491-01	Ohio PCMH Education Pilot Proj	ect Combined Application		\$40,909	\$4,091	\$45,000	\$45,000
12/1/10 to 6/30/11	Ohio Academy of Family Physician	ns Foundation					
Role PI/PD	<u>Name</u> French, Linda M.	<u>Department</u> Family Medicine, Departmen	<u>% Credit</u> 100				
N-122498-01	The Effect of Knee Injury on Brai	in Function		\$1,477	\$0	\$1,477	
3/1/11 to 5/31/12	Great Lakes Athletic Trainers' Asso	ociation					
<u>Role</u> PI/PD Co-I	<u>Name</u> Pietrosimone, Brian Bahhur, Nael O.	<u>Department</u> Kinesiology, Department of Family Medicine, Departmen	<u>% Credit</u> 100				
Med Microbiology 8	& Immunology, Department of	Sum of Department (Family M	ledicine, Depar	tment of) Awar	d Count: <b>2.00</b>		\$144,535
C-101178-05	Regulation of Type II Restriction	-Modification Systems		\$130,160	\$59,840	\$190,000	\$190,000
3/1/11 to 2/29/12	Molecular & Cellular Biosciences	· · · · · · · · · · · · · · · · · · ·		,,	••••	• ,	• • • • • • • •
<u>Role</u> PI/PD	<u>Name</u> Blumenthal, Robert	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
C-101467-04	IL-10	Responses by Borrelia burgdorfer	i: A Role for	\$245,025	\$118,347	\$363,372	\$363,372
6/1/11 to 5/31/12	National Institute of Allergy & Infec						
Role PI/PD Co-I Co-I	<u>Name</u> Wooten, Ronald Mark Weaver, David Worth, Randall G.	Department Med Microbiology & Immuno Phys Pharm Met/Cardio Scie Med Microbiology & Immuno	<u>% Credit</u> 100				
C-101493-06	Behavioral Dynamics of Langerh	ans Cells in Skin		\$207,254	\$100,104	\$307,358	\$307,358
8/1/10 to 7/31/11	National Institute of Arthritis & Mus	culoskeletal & Skin Diseases					
Role	<u>Name</u> Takashima, Akira	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
PI/PD							
C-119910-03	Glanders Vaccine Development			\$189,258	\$94,250	\$283,508	\$283,508
	•	tious Diseases through University of	Calgary	\$189,258	\$94,250	\$283,508	\$283,508

ledicine, Coll	ege of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
led Microbiology &	Immunology, Department of						
C-120298-03	Choose Ohio First Scholarship Pro	ogram		\$75,200	\$0	\$75,200	\$75,200
7/1/10 to 6/30/11	Ohio Board of Regents through Ohio	University					
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Blumenthal, Robert	Med Microbiology & Immuno	100				•
C-120875-03	Multi-parameter Dendritic Cell Bio	sensor System to Identify Conta	ct Allergens	\$200,000	\$50,000	\$250,000	\$250,000
12/1/10 to 11/30/11	Colipa A.I.S.B.L.	<b>P</b>					
Role PI/PD	<u>Name</u> Tokashima Akira	Department	<u>% Credit</u> 100				
C-121183-02	Takashima, Akira 3D Skin Model to Test Toxic and S	Med Microbiology & Immuno		\$333,778	\$166,221	\$499,999	\$499,999
6-121105-02	Chemicals		nemai	<i>4555,110</i>	φ100,221	φ <del>+</del> 33,333	φ+33,333
8/1/10 to 7/31/11	National Institute of Environmental H	lealth Sciences					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Takashima, Akira	Med Microbiology & Immuno	100				
Co-I	Matsushima, Hironori	Med Microbiology & Immuno					
C-121283-04	Tissue Damage by the Complement		Protein Factor	\$59,091	\$5,909	\$65,000	\$65,000
7/1/10 to 6/30/11	H in the Protection of Cell Surface American Heart Association - Nation						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Ferreira, Viviana P.	Med Microbiology & Immuno	100				
C-121305-02	The Role of Complement Proteins			\$413,717	\$181,131	\$594,848	\$594,848
9/1/10 to 8/31/11	National Heart, Lung & Blood Institut	e					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Takashima, Akira	Med Microbiology & Immuno	100				
Co-I	Ferreira, Viviana P.	Med Microbiology & Immuno			<b>*</b> ***	•••••	<b>.</b>
C-121527-02	Improvement in Paired Donation P	rogram		\$252,633	\$98,421	\$351,054	\$263,291
5/1/11 to 4/30/12	National Institutes of Health						
Role PI/PD	<u>Name</u> Stepkowski, Stanislaw M.	Department	<u>% Credit</u>				
Co-I	Rees, Michael A.	Med Microbiology & Immuno Urology, Department of	75 25				
Statistician	Khuder, Sadik	Medicine, Department of	20				
N-101409-01	Secretarial Grant Account			\$110,516	\$0	\$110,516	\$110,51
1/20/06 to 1/19/12	American Society for Virology						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sawicki, Dorothea	Med Microbiology & Immuno	100				
N-121626-01	Biophysics of the Morphology & M	lotility of Borrelia burgdorferi in	Diverse	\$4,188	\$2,086	\$6,274	\$6,274
9/1/10 to 8/31/11	Environments National Institutes of Health through	University of Connectiout Health C	Contor				
		•					
Role	<u>Name</u> Wooten, Ronald Mark	<u>Department</u> Med Microbiology & Immuno	<u>% Credit</u>				

Medicine, Coll	eae of				ha line at Oast		Dept Award
	Immunology, Department of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-121922-01	Francisella tularensis Intracellularly	-induced Outer Membrane Prot	eins	\$150,000	\$7,720	\$157,720	\$157,720
8/1/10 to 7/31/11	National Institute of Allergy & Infectiou				. ,	. ,	. ,
<u>Role</u> PI/PD	<u>Name</u> Huntley, Jason F.	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
N-122185-01	Preclinical Development of a Tularen	nia Vaccine		\$1,329,998	\$622,500	\$1,952,498	\$1,952,498
3/15/11 to 2/29/12	National Institutes of Health						
<u>Role</u> PI/PD	<u>Name</u> Huntley, Jason F.	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
N-122647-01 6/1/11 to 5/31/12	Modulation of the T Cell Synapse In Transplantation Fondation de la Recherche en Transpl	·	erance in	\$312,250	\$0	\$312,250	\$312,250
<u>Role</u> PI/PD	<u>Name</u> Chen, Wenhao	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
<b>R-101178-04-A2</b> 3/1/10 to 2/28/11	Regulation of Type II Restriction-Mo Molecular & Cellular Biosciences	dification Systems		\$127,141	\$52,859	\$180,000	\$180,000
<u>Role</u> PI/PD	<u>Name</u> Blumenthal, Robert	Department Med Microbiology & Immuno	<u>% Credit</u> 100				
S-101512-03-S2 8/31/10 to 7/31/12	GRS: A New Approach to Regenera Mesenchymal Stem Cells and Macro National Science Foundation		eeded with	\$41,000	\$0	\$41,000	\$2,050
Role PI/PD Co-I	<u>Name</u> Jayasuriya, Ambalangodage Wooten, Ronald Mark	Department Orthopaedic Surgery, Depart Med Microbiology & Immuno	<u>% Credit</u> 95 5				
	Sur	m of Department (Med Microbiol	ogy & Immund	logy, Dep Awa	ard Count: <b>15.80</b>		\$5,613,883
Medicine, Departme	nt of						
<b>C-010998-10</b> 9/1/10 to 8/31/11	Elderly Immune Response to Pneum National Institute on Aging	occoccal Polysaccharide		\$191,865	\$92,671	\$284,536	\$284,536
<u>Role</u> PI/PD Co-I Co-I Statistician	<u>Name</u> Westerink, M.A. Julia Dignam, John David Khaskhely, Noor M. Khuder, Sadik	Department Medicine, Department of Biochemistry & Cancer Biolog Medicine, Department of	<u>% Credit</u> 100				

#### Medicine, College of Direct Cost Indirect Cost Total Award Credit Medicine, Department of **Community Clinical Oncology Program (Federal Funds)** \$0 \$0 \$0 C-011039-04 \$0 6/1/08 to 5/31/12 National Cancer Institute through Toledo Community Hospital Oncology Program Role Department Name % Credit PI/PD Khosla, Sid M. Surgery, Department of Medicine, Department of PI/PD Skeel, Roland 100 Co-I Chaudhary, Rekha Medicine, Department of Medicine, Department of Co-I Mohamed, Iman E. Quan, Walter Co-I Medicine. Department of Co-I Smith. Marv Russell Provost, Health Sciences Co-l Staren, Edgar Surgery, Department of Co-I Veltri, Salvatore Medicine, Department of C-100043-11 Part D Title IV Multidisciplinary Comprehensive Care Center for Families \$375.296 \$89.498 \$464.794 \$464.794 Impacted by HIV HIV/AIDS Bureau 8/1/10 to 7/31/11 Department Role Name % Credit PI/PD Duggan, Joan Medicine, Department of 100 C-100389-10 Ryan White Part C (Title III) HIV Early Intervention Services (EIS) Program \$420,630 \$23,924 \$444,554 \$444,554 4/1/11 to 3/31/12 HIV/AIDS Bureau Role Name Department % Credit Medicine, Department of PI/PD Duggan, Joan 100 Co-I Georgescu, Claudiu A. Medicine. Department of Co-I Westerink, M.A. Julia Medicine. Department of C-101353-04 \$183,150 Na,K-ATPase as an Integrator of the Calcium Signaling Machinery \$88,461 \$271,611 7/1/10 to 6/30/12 National Institute of General Medical Sciences Role Name Department % Credit PI/PD Xie. Zi-Jian Phys Pharm Met/Cardio Scie 100 Co-I Giovannucci. David Neurosciences, Department Medicine, Department of Co-I Liu, Jiang **CAREER:** Investigation of Intron Cellular Roles C-101481-05 \$105,388 \$153,391 \$48,003 \$153,391 6/1/11 to 5/31/12 Molecular & Cellular Biosciences Role Name Department % Credit PI/PD Fedorov, Alexei Medicine. Department of 100 Claudication: Exercise vs. Endoluminal Revascularization C-101523-06 \$2.967 \$1.433 \$4.399 \$4.399 8/1/10 to 7/31/11 National Heart, Lung & Blood Institute through Rhode Island Hospital Role Name Department % Credit PI/PD Badenhop, Dalynn Medicine, Department of 100

Dept Award

Medicine, Col	leae of			Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Award</u> Credit
Medicine, Departme	•			<u>Direct Cost</u>	Indirect Cost	Iotal Awaru	Orean
C-120360-02		ccal Vaccine in HIV Infected Adults	6	\$247,137	\$120,087	\$367,224	\$367,224
6/1/11 to 5/31/12	National Institutes of Health						
Role PI/PD Co-I Co-I	<u>Name</u> Westerink, M.A. Julia Dignam, John David Khuder, Sadik	<u>Department</u> Medicine, Department of Biochemistry & Cancer Biolo Medicine, Department of	<u>% Credit</u> 100				
C-120533-02	Implementation of Innovative RN	A Sample Quality Control Methods	5	\$136,800	\$54,182	\$190,982	\$181,433
3/1/11 to 2/29/12	National Cancer Institute						
<u>Role</u> PI/PD Co-I Statistician	<u>Name</u> Willey, James Zyrek, Jill Lynn Khuder, Sadik	<u>Department</u> Medicine, Department of Resid Prgm-Pathology Medicine, Department of	<u>% Credit</u> 90 5 5				
C-120714-03	Options for Tomorrow			\$50,000	\$0	\$50,000	\$25,000
1/1/11 to 12/31/11	Ability Center of Greater Toledo						
<u>Role</u> PI/PD Co-I	<u>Name</u> Miller, Barbara Kopp Steiner, Victoria	<u>Department</u> Rehabilitation Sciences Medicine, Department of	<u>% Credit</u> 50 50				
C-120715-03	Options for Tomorrow			\$50,000	\$0	\$50,000	\$25,000
1/1/11 to 12/31/11	Ohio Dept of Mental Retardation &	Developmental Disabilities					
<u>Role</u> PI/PD Co-I	<u>Name</u> Miller, Barbara Kopp Steiner, Victoria	<u>Department</u> Rehabilitation Sciences Medicine, Department of	<u>% Credit</u> 50 50				
C-121294-02		ntiation by SWI/SNF Chromatin Re	modeling	\$225,038	\$112,069	\$337,107	
6/1/11 to 5/31/12	Enzymes National Institutes of Health						
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> DeLaSerna, Ivana Khuder, Sadik Yeung, Kam C.	Department Biochemistry & Cancer Biolo Medicine, Department of Biochemistry & Cancer Biolo	<u>% Credit</u> 100				

Medicine, Coll	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	Validation Study of a Multi-gene Te	st for Lung Cancer Risk		\$799,077	\$51,288	\$850,365	\$850,365
9/1/10 to 8/31/12	National Cancer Institute	Ū			. ,		
Role PI/PD Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst Dir Ctr/Inst	<u>Name</u> Willey, James Arenberg, Douglas Diaz-Mendoza, Javier Kvale, Paul Levin, Albert Mann, Hal Massion, Pierre Midthun, David Nana-Sinkam, Patrick	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
Dir Ctr/Inst C-121388-02	Wainz, Ron VHS Yellow Perch Aquaculture AR	S 2010		\$162,927	\$0	\$162,927	\$53,766
7/1/10 to 6/30/12	U.S. Department of Agriculture through		kee	φ102,521	φU	\$102,921	φ55,700
Role PI/PD Co-I Co-I	<u>Name</u> Stepien, Carol Leaman, Douglas W. Willey, James	<u>Department</u> Lake Erie Soil and Water Res Biological Sciences, Departm Medicine, Department of	<u>% Credit</u> 34 33 33				
C-121527-02	Improvement in Paired Donation P	rogram		\$252,633	\$98,421	\$351,054	
5/1/11 to 4/30/12	National Institutes of Health						
<u>Role</u> PI/PD Co-I Statistician	<u>Name</u> Stepkowski, Stanislaw M. Rees, Michael A. Khuder, Sadik	Department Med Microbiology & Immuno Urology, Department of Medicine, Department of	<u>% Credit</u> 75 25				
N-101051-01 9/29/04 to 9/28/11	The National LymphoCare Study: Outcomes and Prognosis in Patier Genentech, Inc.			\$1,000	\$250	\$1,250	\$1,250
Role PI/PD Co-I Co-I Co-I Dir Ctr/Inst	<u>Name</u> Mohamed, Iman E. Chaudhary, Rekha Skeel, Roland Veltri, Salvatore Braun, Donald P.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of	<u>% Credit</u> 100				

Medicine, Coll	lege of			Direct Cost	Indirect Cost	Total Award	Credit
Medicine, Departme	ent of						
N-101088-01	Carotid Revascularization Endarter	rectomy vs. Stenting		\$5,680	\$1,420	\$7,100	
1/3/05 to 1/2/11	National Institute of Neurological Disc Dentistry of New Jersey	orders and Stroke through Unive	ersity of Medicine &				
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-I	Abbas, Jihad T.	Surgery, Department of					
Co-l	Burket, Mark	Medicine, Department of					
Co-l	Hafeez, Faizan	Neurology, Department of					
Co-l Co-l	Ramsey-Williams, Vicki A. Tietjen, Gretchen	Neurology, Department of Neurology, Department of					
N-101228-01	Cardiovascular Outcomes in Renal			\$18,124	\$4,531	\$22,655	¢22 655
3/23/05 to 3/31/12	National Heart, Lung & Blood Institute	•	•	<b>ΦΙΟ,ΙΖ4</b>	<b>φ4,55</b> Ι	<b>\$22,055</b>	\$22,655
Role	Name	Department	<u>% Credit</u>				
PI/PD	Burket, Mark	Medicine, Department of	100				
Co-I	Bashir, Riyaz	Medicine, Department of	100				
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
Co-I	Kaw, Dinkar	Medicine, Department of					
Co-l	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 Ab	ove-the-Knee Femoropoplitea	I Artery	\$5,485	\$1,371	\$6,856	\$6,856
9/8/05 to 9/7/11	Cook, Inc.						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Burket, Mark	Medicine, Department of	100				
Co-I	Bashir, Riyaz	Medicine, Department of					
Co-I	Colyer, William R.	Medicine, Department of					
N-101334-01	Effect of Sirolimus on Cyst Regres	sion in Renal Transplant Reci	pients with	\$16,000	\$4,000	\$20,000	\$20,000
	Polycystic Kidney Disease						
9/6/06 to 9/5/10	Wyeth Pharmaceuticals						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Ratnam, Shobha	Medicine, Department of	100				
Co-l	Elsamaloty, Haitham M.	Radiology, Department of					
Co-l	Khuder, Sadik	Medicine, Department of					
Co-I	Rees, Michael A.	Urology, Department of					
N-101375-01	Pulmonary Arterial Hypertension Q	uality Enhancement Research	n Initiative (PAH	\$720	\$180	\$900	\$900
4/24/06 to 11/3/10	QuERI) Registry Actelion Clinical Operations, Inc.						
Role	Name	Department	<u>% Credit</u>				

,	ege of			Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
Medicine, Departme	nt of						
N-101432-01	Future Revascularization Evaluati		llitus: Optimal	\$400	\$100	\$500	\$500
0/40/00 1- 40/04/00	Management of Multivessel Disea						
8/16/06 to 12/31/09	National Heart, Lung & Blood Institu City	te through Mount Sinai School of	viedicine - New Yo	ГК			
Role	Name	<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	Durham, Samuel	Surgery, Department of					
Co-I	Pandya, Utpal	Medicine, Department of					
Co-I	Tennyson, Gregory E.	Medicine, Department of					
Co-I	Tietjen, Gretchen	Neurology, Department of					
N-101446-01	Open Label Study of a Topical Ge	Formulation of Nitroglycerin M	QX-503	\$0	\$0	\$0	\$0
5/1/06 to 10/25/07	MediQuest Therapeutics, Inc.						
Role	Name	Department	% Credit				
PI/PD	Kahaleh, M Bashar	Medicine, Department of	100				
N-101474-01	Pfizer Support for CORAL: Cardiovascular Outcomes for Renal				\$0	\$330,000	\$330,000
	Athereosclerotic Lesions			\$330,000		. ,	. ,
9/1/06 to 3/31/12	Pfizer, Inc.						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Cooper, Christopher	Medicine, Department of	100				
N-101598-01	PRECISION: Prospective Randomized Evaluation of Celecoxib Integrated		\$19,548	\$4,887	\$24,435	\$24,435	
	Safety vs. Ibuprofen or Naproxen.		U U	. ,		. ,	
4/6/07 to 4/5/12	Pfizer, Inc. through INC Research, I						
Role	Name	Department	% Credit				
PI/PD	Akpunonu, Basil	Medicine, Department of	100				
Co-I	Bittar, Samih	Medicine, Department of					
Co-I	Bruhl, Steven	Resid Prgm-Medicine					
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine					
Co-I	Vijendra, Divya	5					
Stdnt Schol	Baas, Tiffany Renee	Medicine, Department of					
N-101603-01	Study EPZ108859, Safety and Efficiency	cacy of an Initial Regimen of Ata	zanavir +	\$6,772	\$1,693	\$8,465	\$8,465
	Ritonavir + the Abacavir/Lamivudine Fixed-dose Combination Tablet (ABC/3TC						
	FDC) for 36 Weeks Followed by S	implification to Atazanavir with	ABC/3TC FDC				
	or Maintenance of the Initial Regir						
2/12/07 to 2/11/11	GlaxoSmithKline						
Role	Name	Department	% Credit				
	Duggan, Joan	Medicine, Department of	100				

Madiaina Call	laga of						Dept Award
Medicine, Coll	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme N-101613-01	Zilver PTX Vascular Stent Study			\$1,975	\$494	\$2,469	\$2,469
6/22/07 to 6/21/12	Cook. Inc.			\$1,975	<b>\$454</b>	<b>\$2,409</b>	φ2,409
Role	Name	Department	<u>% Credit</u>				
PI/PD	Burket, Mark	Medicine, Department of	100				
Co-I	Colyer, William R.	Medicine, Department of					
Co-I	Cooper, Christopher	Medicine, Department of					
N-119845-01	Carvedilol In High Risk Hypertens	sives		\$14,242	\$3,560	\$17,802	\$17,802
8/31/07 to 8/30/11	GlaxoSmithKline						
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Cooper, Christopher	Medicine, Department of	100				
Co-I	Pandya, Utpal	Medicine, Department of					
N-119862-01	Randomized, Single Blind Trial to			\$0	\$0	\$0	
	Patency and Safety of the Vascula	ar Wrap Paclitaxel-eluting Mesh	n after Surgical				
0/7/07/00/00	Implantation						
8/7/07 to 8/6/09	Angiotech Pharmaceuticals, Inc.						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-l Co-l	Abbas, Jihad T. Kaw, Dinkar	Surgery, Department of Medicine, Department of					
Co-I	Malhotra, Deepak K.	Medicine, Department of					
Co-l	Ratnam, Shobha	Medicine, Department of					
Co-I	Shapiro, Joseph	Medicine, Department of					
N-119863-01	A Long Term Safety Study of the	· •	a Mesh After	\$0	\$0	\$0	
	Surgical Implantation with the Lif			• -	• -	• -	
	Extremity for Hemodialysis Vascu						
8/6/07 to 8/5/11	Angiotech Pharmaceuticals, Inc.						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-l	Abbas, Jihad T.	Surgery, Department of					
Co-l	Kaw, Dinkar	Surgery, Department of					
Co-I	Malhotra, Deepak K.	Surgery, Department of					
Co-l Co-l	Ratnam, Shobha Shapiro, Joseph	Medicine, Department of Surgery, Department of					
N-120002-01-A1	Therapeutic Potential of Ex vivo E		Darivad CD122	\$608,504	\$178,336	\$786,840	¢796 940
N-120002-01-A1	Cells in Critical Limb Ischemia		cilveu CD155+	<b>\$000,304</b>	φ170,330	φ/ 00,040	\$786,840
4/1/09 to 3/31/10	National Institutes of Health through	n Arteriocyte, Inc.					
Role	Name	Department	% Credit				
PI/PD	Cooper, Christopher	Medicine, Department of	100				
Co-I	Zelenock, Gerald B.	Surgery, Department of					

Medicine, Coll	ege of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Medicine, Departme	ent of						
N-120172-01 2/27/08 to 2/26/12	Trial to Assess the Effects of SCH in Patients with Atherosclerosis Schering Plough Research Institute	Study P04737)	ack and Stroke	\$9,480	\$2,370	\$11,850	
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tietjen, Gretchen Burket, Mark Li, Hongyan Nazzal, Munier M.S.	<u>Department</u> Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of	<u>% Credit</u> 100				
N-120191-01	A 104-week, Randomized, Double Comparing Effects of Treatment on Atherosclerotic Disease Burde with Coronary Artery Disease Wh AstraZeneca, L.P.	e-blind, Parallel Arm, Phase IIIb S with Rosuvastatin 40 mg or Ator en Measured by Intravascular UI	vastatin 80 mg trasound in Pts	\$31,622	\$7,906	\$39,528	\$35,575
Role PI/PD Co-I Co-I Co-I Co-I	Name Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of	<u>% Credit</u> 70 10 10 10				
N-120425-01 6/4/08 to 6/30/10	The Balance Study (Treatment of Class III-IV Cardiac Patient Evalu Cardiokine Biopharma, LLC through	Hyponatremia Based on Lixivap ation)	tan in NYHA	\$20,240	\$5,060	\$25,300	\$25,300
Role PI/PD Co-I	<u>Name</u> Khouri, Samer J. Colyer, William R.	<u>Department</u> Medicine, Department of Medicine, Department of	<u>% Credit</u> 100				
N-120445-01 8/11/08 to 8/10/12	An International, Multicenter, Pro Maraviroc Used with Optimized E HIV 1 Infected Patients <i>Pfizer, Inc.</i>	•	-	\$4,800	\$1,200	\$6,000	\$6,000
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-120534-01 12/8/08 to 12/7/11	A Two-Stage Prospective Observ to Evaluate Screening Tests and Hypertension and Pulmonary Hyp Actelion Clinical Operations, Inc.	the Incidence of Pulmonary Arte		\$15,446	\$3,861	\$19,307	\$19,307
Role Pl/PD Co-l Co-l	<u>Name</u> Kahaleh, M Bashar Burket, Mark Khouri, Samer J.	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of	<u>% Credit</u> 100				

Medicine, Coll	ege of			Direct Cost	Indirect Cost	<u>L</u> Total Award	Dept Award Credit
ledicine, Departme	ent of						
N-120566-01	A Randomized Double-blind, Placeb Safety and Efficacy Effects of ART-1 Disseminated Intravascular Coagula Artisan Pharma Inc.	23 on Subjects with Sepsis a		\$4,800	\$1,200	\$6,000	\$6,000
Role	Name	Department	% Credit				
PI/PD Co-I Co-I	Assaly, Ragheb Hammersley, Jeffrey Hernandez, Dawn-Alita R.	Medicine, Department of Medicine, Department of Medicine, Department of	100				
Co-I Co-I Co-I	Olson, Dan Willey, James Yoon-Krawczyk, Youngsook						
N-120773-01	Digital Ischemic Lesions in Sclerode Diethanolamine: A Randomized, Do Study			\$11,257	\$2,814	\$14,071	\$14,07
3/1/09 to 2/28/12	United Therapeutics Corporation						
<u>Role</u> PI/PD	<u>Name</u> Kahaleh, M Bashar	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
N-120812-01	A Clinical Outcome of Darapladib ve Coronary Heart Disease to Compare Cardiovascular Events (MACE) GlaxoSmithKline	-		\$4,787	\$1,197	\$5,984	\$5,98
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Pandya, Utpal Burket, Mark Colyer, William R. Cooper, Christopher	Department Medicine, Department of Medicine, Department of Medicine, Department of Medicine, Department of	<u>% Credit</u> 100				
N-120829-01	A Randomized, Placebo Controlled Outcomes after Treatment with Sita Mellitus and Inadequate Glycemic C Antihyperglycemic Therapy Merck and Company Inc. through Duk	gliptin in Patients with Type 2 ontrol on Mono- or Dual Com	Diabetes	\$17,365	\$4,341	\$21,706	\$21,70
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	<u>Department</u> Medicine, Department of Medicine, Department of Resid Prgm-Medicine	<u>% Credit</u> 100				

Medicine, Col	lege of			Direct Cost	Indirect Cost	<u>L</u> Total Award	<u>Dept Award</u> Credit
Medicine, Departme	ent of						
N-120874-01 12/5/08 to 12/4/11	of Single and Multiple Intraveno	el Study to Evaluate the Safety and us Doses of MEDI-546, A Fully Hun gainst Subunit 1 of the Type I Inte Scleroderma	nan	\$0	\$0	\$0	\$0
Role PI/PD	<u>Name</u> Kahaleh, M Bashar	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
N-120896-01 3/27/09 to 3/26/12		esions in Scleroderma Treated with Open-label Multicenter Extension		\$6,105	\$1,526	\$7,631	\$7,631
<u>Role</u> PI/PD	<u>Name</u> Kahaleh, M Bashar	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
N-120961-01	Invatec INTENSE Study			\$7,595	\$1,899	\$9,494	\$9,494
3/13/09 to 3/12/12	Medtronic, Inc.						
<u>Role</u> PI/PD	<u>Name</u> Burket, Mark	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
N-121270-01 6/11/09 to 6/10/12		n of Nitroglycerin, Vascana (MQX-5 nt and Prevention of Symptoms As		\$25,939	\$0	\$25,939	\$25,939
Role PI/PD	<u>Name</u> Kahaleh, M Bashar	<u>Department</u> Medicine, Department of	<u>% Credit</u> 100				
N-121294-01-A1	Regulation of Melanocyte Differe	entiation by SWI/SNF Chromatin R	emodeling	\$236,447	\$114,492	\$350,939	
9/17/10 to 5/31/11	National Institutes of Health						
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> DeLaSerna, Ivana Khuder, Sadik Yeung, Kam C.	Department Biochemistry & Cancer Biolo Medicine, Department of Biochemistry & Cancer Biolo	<u>% Credit</u> 100				

Medicine, Col	lege of			Direct Cost	Indirect Cost	<u>[</u> Total Award	<u>Dept Award</u> Credit
Medicine, Departm	0			Direct Cost	Indirect Cost	<u>10tal Awalu</u>	Credit
N-121458-01 8/14/09 to 8/13/11	A 52-week efficacy and safety study strengths of Fluticasone Furoate/GN on the Annual Rate of Exacerbation Pulmonary Disease (COPD) GlaxoSmithKline	W642444 Inhalation Powder w	vith GW642444	\$19,270	\$4,817	\$24,087	\$24,087
Role	Name	Department	<u>% Credit</u>				
PI/PD	Hammersley, Jeffrey	Medicine, Department of	100				
Co-I	Assaly, Ragheb	Medicine, Department of					
Co-l	Avasthi, Salil						
Co-I	Goyal, Rajan						
Co-l	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-l	Kanjwal, Mohd Shaffi						
Co-I	Lanka, Kiranmayee						
Co-l	Olson, Dan	Medicine, Department of					
Co-l	Taji, Jamil						
Co-l	Willey, James	Medicine, Department of					
Co-I	Yoon-Krawczyk, Youngsook	· · · · · ·					·
N-121475-01	Catheter Ablation Versus Antiarrhyt	hmic Drug Therapy for Atrial	Fibrillation Trial	\$9,080	\$2,270	\$11,350	\$11,35
12/17/09 to 12/16/1	(CABANA Trial) 10 National Heart, Lung & Blood Institute	through Duke University					
Role	Name	Department	% Credit				
PI/PD	Kanjwal, Mohammed Y.	Medicine, Department of	100				
Co-I	Khouri, Samer J.	Medicine, Department of					
N-121503-01	Cordis CYPRESS Trial (P09-6301)			\$14,319	\$3,580	\$17,899	\$17,89
11/13/09 to 11/12/1	1 Cordis Corporation						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Colyer, William R.	Medicine, Department of	100				
Co-l	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					

ledicine, Col	logo of						Dept Award
edicine, Departmo	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-121535-01	A Phase 3, Multicenter, Randomized Evaluate the Efficacy and Safety of Addition to Standard of Care in Adu Due to Serious Influenza 10 BioCryst Pharmaceuticals, Inc.	Peramivir Administer Intrave	enously in	\$16,202	\$0	\$16,202	\$16,202
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	Name Hammersley, Jeffrey Assaly, Ragheb Bauer, Rebecca Brickman, Kristopher R. Duggan, Joan Hernandez, Dawn-Alita R. Olson, Dan Willey, James Yoon-Krawczyk, Youngsook <b>A Randomized, Multicenter, Double</b>	Blind, Parallel, Placebo-Cor		\$51,891	\$12,973	\$64,864	\$64,86
2/24/10 to 2/23/12	the Effects of JNJ-28431754 on Card With Type 2 Diabetes Mellitus (The C Johnson & Johnson Pharmaceutical R	CANVAS Trial)	ult Subjects				
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine	<u>% Credit</u> 100				
<b>N-121621-01</b>	An International []Study to Evalua Once Daily Administration of Two St Aradigm		Tolerability of	\$2,625	\$0	\$2,625	\$2,62
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Hammersley, Jeffrey Assaly, Ragheb Hernandez, Dawn-Alita R. Olson, Dan Willey, James Yoon-Krawczyk, Youngsook	-	<u>% Credit</u> 100				
N-121659-01	The Effect of Acadesine on Clinicall Cerebrovascular Events in High-Ris Bypass			\$68,711	\$0	\$68,711	
2/2/10 to 11/30/10 Role PI/PD Co-I	<u>Schering Plough Corporation</u> <u>Name</u> Schwann, Thomas A. Colyer, William R.	<u>Department</u> Surgery, Department of Medicine, Department of	<u>% Credit</u> 100				

•	lege of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	ent of						
N-121715-01 5/4/10 to 5/3/12	A Randomized, Double-Blind, Place Trial of Pregabalin Versus Placebo in Associated with HIV Neuropathy Pfizer, Inc.			\$3,400	\$850	\$4,250	\$2,975
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Koffman, Boyd Westerink, M.A. Julia	<u>Department</u> Medicine, Department of Neurology, Department of Medicine, Department of	<u>% Credit</u> 60 30 10				
N-121730-01 2/12/10 to 2/11/12	A 12-Week, International, Multicente Placebo-Controlled Comparison of t Sustained Release Tablets in Subject United Therapeutics Corporation	he Efficacy and Safety of Oral		\$9,649	\$2,412	\$12,061	\$12,061
Role PI/PD Co-I Co-I	<u>Name</u> Khouri, Samer J. Garris, Theresa Kahaleh, M Bashar	<u>Department</u> Medicine, Department of Medicine, Department of	<u>% Credit</u> 100				
N-121737-01 3/19/10 to 3/18/11	Phase II Multi-Center, Double-Blind, Placebo-Controlled Clinical Trial for Plaque Changes with RVX000222 in Events Resverlogix corp	the Assessment of Lipid and C		\$5,500	\$0	\$5,500	\$5,170
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine	<u>% Credit</u> 88 3 3 3 3 3				
N-121786-01	Monitoring Agricultural Sewage Slu	dge, 2010		\$365,040	\$102,960	\$468,000	\$0
7/1/10 to 6/30/13	U.S. Department of Agriculture						
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Czajkowski, Kevin Paul Akbar-Khanzadeh, Farhang Fink, Brian N. Khuder, Sadik Kumar, Ashok Milz, Sheryl A. Sigler, William Von Spongberg, Alison L.	Department Geography and Planning, De Public Hlth/Homeland Securi Public Hlth/Homeland Securi Medicine, Department of Civil Engineering, Departmer Public Hlth/Homeland Securi Environmental Sciences, Dep Environmental Sciences, Dep	<u>% Credit</u> 37 13 0 0 9 13 14 14				

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Medicine, Col	lege of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Medicine, Departme	ent of						
N-121817-01	A Phase IIIB Multicenter, Double-b Evaluating the Effect of Treatment Disease as Measured by I. Corona Quantitative Coronary Angiograph	t with Dalcetrapib 600 mg on Ath Iry Intravascular Ultrasound (IVU Iry II	erosclerotic	\$22,639	\$4,528	\$27,167	\$25,537
5/12/10 to 5/11/12	Hoffman LaRoche through Montreal	Heart Institute					
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine	<u>% Credit</u> 88 3 3 3 3 3				
N-121827-01 8/1/10 to 7/30/12	Genetic Detection & Geographic A Hemorrhagic Septicemia (VHS) U.S. Department of Agriculture	Analysis of Great Lakes Fish Infe	ction by Viral	\$365,040	\$102,960	\$468,000	\$140,400
Role	Name	Department	% Credit				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Der	10				
Co-I	Leaman, Douglas W.	Biological Sciences, Departr	10				
Co-I	Willey, James	Medicine, Department of	30				
N-121903-01	Protocol No. BCB 109 entitled "EX Lowering Trial (EXSCEL)"	Cenatide Study of Cardiovascular	r Event	\$20,354	\$5,496	\$25,850	\$25,333
8/16/10 to 8/15/12	Amylin Phamaceuticals, Inc. through	n Duke University					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Akpunonu, Basil	Medicine, Department of	95				
Co-I	Bittar, Samih	Medicine, Department of	3				
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine	2				
N-121913-01	Carotid Stenting for High Surgical The Collection Of Clinical Evidence		omes Through	\$2,000	\$0	\$2,000	\$2,00
6/2/10 to 6/1/12	Abbott Vascular Inc	<b>.</b>					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Burket, Mark	Medicine, Department of	80				
Co-I	Nahhas, Ahed T.	Medicine, Department of	20		****	<b>*</b> / <b>- - -</b>	* •
N-122002-01	An Open-Label Extension Safety 1 Neuropathicpain Associated With	HIV Neuropathy (Pregabalin A00		\$1,378	\$372	\$1,750	\$1,750
11/15/10 to 11/14/1	1 Pfizer, Inc. through ICON Clinical Re	esearch, Inc.					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Duggan, Joan	Medicine, Department of	100				
Co-I	Koffman, Boyd	Neurology, Department of					

ledicine, Coll	ege of			Direct Cost	Indirect Cost	Total Award	Dept Award Credit
edicine, Departme	ent of						
N-122122-01	Gene Expression Profiling of Adi	pogenesis		\$9,985	\$0	\$9,985	\$9,98
10/4/10 to 10/3/11	University of Malaya						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Chin, Khew-Voon	Medicine, Department of	100				
N-122184-01		he LTC Foley Insertion, Removal a	and	\$92,765	\$6,770	\$99,535	
	Maintenance (FIRM) Protocol						
	1 Medline Industries, Inc						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Gokula, R.R.Murthy	Family Medicine, Departmen	50				
Co-I	Gaspar, Phyllis M.	Family Medicine, Departmen	50				
Statistician	Khuder, Sadik	Medicine, Department of					
N-122255-01		g Study for Evaluation of Chest Pa	ain (PROMISE	\$4,545	\$455	\$5,000	\$1,00
12/3/10 to 12/2/11	Trial) National Heart, Lung & Blood Instit	ute through Duke University					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Tinkel, Jodi Lee	Resid Prgm-Medicine	<u>80</u>				
Co-I	Colver, William R.	Medicine, Department of	10				
Co-I	Khouri, Samer J.	Medicine, Department of	10				
N-122466-01	Interventional Cardiology Fellow			\$34,434	\$0	\$34,434	\$34,43
7/2/10 to 6/30/11	Abbott			<b>vo</b> 1, 1 <b>0</b> 1	<b>~</b> ~	<b>v</b> o 1, 10 1	<b>QO</b> 1, 10
Role	Name	Department	% Credit				
PI/PD	Colyer, William R.	Medicine, Department of	100				
R-011309-12	Prevention of Cardiovascular Dis	ease in Diabetes Mellitus		\$66,580	\$33,157	\$99,737	\$99,73
1/1/11 to 6/30/12	National Heart, Lung & Blood Instit	ute through Case Western Reserve	Universitv/Case				
	Medical Center	<b>3</b>	<b>, , , , , , , , , ,</b>				
Role	Name	<u>Department</u>	% Credit				
PI/PD	Akpunonu, Basil	Medicine, Department of	100				
R-101303-06	Healthy Relationships through E	xisting Support Groups		\$24,250	\$0	\$24,250	\$24,25
1/1/11 to 12/31/11		revention & Ohio Department of Hea	alth through Lucas				
	County Regional Health District	,	Ū				
Role	Name	<u>Department</u>	% Credit				
PI/PD	Duggan, Joan	Medicine, Department of	100				
R-101307-06	Options			\$16,250	\$0	\$16,250	\$16,25
1/1/11 to 12/31/11	Centers for Disease Control and P	revention & Ohio Department of Hea	alth through Lucas				
	County Regional Health District						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Duggan, Joan	Medicine, Department of	100				

Sum of Department (Medicine, Department of) Award Count: 53.24

\$4,791,550

Dept Award

Medicine, Coll	ege of		Direct Cost	Indirect Cost	<u>[</u> Total Award	Dept Award Credit
Neurology, Departm	ent of				<u> </u>	
C-101367-02	Study of Antidepressants in Parkinson's Disease (SAD	PD)	\$0	\$0	\$0	\$0
5/1/06 to 4/30/07	National Institute of Neurological Disorders and Stroke thro	ugh University of Rochester				
Role PI/PD	Name <u>Department</u> Elmer, Lawrence Neurology, Departr	<u>% Credit</u> nent of 100				
C-101367-03	Study of Antidepressants in Parkinson's Disease (SAD		\$0	\$0	\$0	\$0
5/1/07 to 10/31/11	National Institute of Neurological Disorders and Stroke thro				<b>+</b> -	
<u>Role</u> PI/PD	Name <u>Department</u> Elmer, Lawrence Neurology, Departr	<u>% Credit</u>				
C-101408-05	Insulin Resistance Intervention after Stroke (IRIS) Trial		\$16,761	\$4,190	\$20,951	\$20,951
7/1/08 to 8/31/09	National Institute of Neurological Disorders and Stroke thro	ugh Yale University				
<u>Role</u> PI/PD	<u>Name</u> <u>Department</u> Tietjen, Gretchen Neurology, Departr	nent of <u>% Credit</u> 100				
C-101408-06	Insulin Resistance Intervention after Stroke (IRIS) Trial		\$16,761	\$4,190	\$20,951	\$20,951
9/15/09 to 8/31/10	National Institute of Neurological Disorders and Stroke thro	ugh Yale University				
<u>Role</u> PI/PD	<u>Name</u> <u>Department</u> Tietjen, Gretchen Neurology, Departr	nent of <u>% Credit</u> 100				
C-101408-07	Insulin Resistance Intervention after Stroke (IRIS) Trial		\$16,761	\$4,190	\$20,951	\$20,951
9/1/10 to 8/31/11	National Institute of Neurological Disorders and Stroke thro	ugh Yale University				
<u>Role</u> PI/PD	<u>Name</u> <u>Department</u> Tietjen, Gretchen Neurology, Departr	nent of <u>% Credit</u> 100				
C-101471-03	A Longitudinal Observational Follow-up of the PRECEF (PostCEPT)	•	\$18,171	\$4,543	\$22,714	\$22,714
1/1/07 to 12/31/07	National Institute of Neurological Disorders and Stroke thro	· · · · ·				
<u>Role</u> PI/PD	<u>Name</u> <u>Department</u> Elmer, Lawrence Neurology, Departr					
<b>C-101471-04</b> 1/1/08 to 12/31/08	A Longitudinal Observational Follow-up of the PRECER (PostCEPT) National Institute of Neurological Disorders and Stroke thro	•	\$18,171	\$4,543	\$22,714	\$22,714
<u>Role</u> PI/PD	<u>Name</u> <u>Department</u> Elmer, Lawrence Neurology, Departr	<u>% Credit</u>				
<b>C-101471-05</b> 1/1/09 to 12/31/09	A Longitudinal Observational Follow-up of the PRECER (PostCEPT) National Institute of Neurological Disorders and Stroke thro	-	\$18,171	\$4,543	\$22,714	\$22,714
Role PI/PD	Name         Department           Elmer, Lawrence         Neurology, Department	<u>% Credit</u>				

Dept Award

ledicine, Col	lege ol			Direct Cost	Indirect Cost	Total Award	Credit
eurology, Departn	nent of						
C-101471-06	A Longitudinal Observational Follo (PostCEPT)	w-up of the PRECEPT Study C	ohort	\$18,171	\$4,543	\$22,714	\$22,71
6/15/10 to 5/31/12	National Institute of Neurological Disc	orders and Stroke through Univer	sity of Rochester				
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
N-100994-01 8/1/04 to 11/30/11	A Multi-Center, Double-Blind, Rand of Interferon Beta-1a and Glatirame with Relapsing Remitting Multiple S National Institute of Neurological Disc Medicine - New York City	er Acetate to Either Agent Alon Sclerosis (CombiRx-Phase III)	e in Patients	\$28,305	\$7,076	\$35,381	\$35,38
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Pirzada, Noor	<u>Department</u> Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-101088-01	Carotid Revascularization Endarter	rectomy vs. Stenting		\$5,680	\$1,420	\$7,100	
1/3/05 to 1/2/11	National Institute of Neurological Disc Dentistry of New Jersey	orders and Stroke through Univer	sity of Medicine &				
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A. Tietjen, Gretchen	<u>Department</u> Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-101250-01	Biomarker in MS - A Substudy of C	ombi-Rx		\$384	\$96	\$480	\$48
6/1/05 to 5/31/12	National Institute of Neurological Disc	orders and Stroke					
Role PI/PD	<u>Name</u> Koffman, Boyd	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
N-101408-03	Insulin Resistance Intervention after	er Stroke (IRIS) Trial		\$16,628	\$4,323	\$20,951	\$20,95
7/1/06 to 6/30/07	National Institute of Neurological Disc	orders and Stroke through Yale U	Iniversity				
Role PI/PD Co-I	<u>Name</u> Tietjen, Gretchen Hafeez, Faizan	<u>Department</u> Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				

Medicine, Coll	•			Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Neurology, Departm N-101432-01 8/16/06 to 12/31/09	Future Revascularization Evaluation Management of Multivessel Disease	se (FREEDOM)		<b>\$400</b> ork	\$100	\$500	
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Durham, Samuel Pandya, Utpal Tennyson, Gregory E. Tietjen, Gretchen	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of Medicine, Department of Neurology, Department of	<u>% Credit</u> 100				
N-101443-01 4/11/06 to 4/10/12	A Multi-center, Open-label, Long-te Retigabine in Adult Epilepsy Patie Study VRX-RET-E22-301) GlaxoSmithKline through Quintiles, I	nts with Partial-onset Seizures (Ex		\$3,252	\$813	\$4,065	\$4,065
Role PI/PD Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John	<u>Department</u> Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-101508-01 2/26/07 to 9/30/11	Novartis Protocol No. CFTY720D2 Novartis	309		\$29,049	\$7,262	\$36,311	\$36,311
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of	<u>% Credit</u> 100				
N-101616-01 5/14/07 to 5/13/10	An Open-label Extension Study of Patients with Refractory Partial Or Eisai Medical Research Inc. through	nset Seizures	herapy in	\$3,826	\$957	\$4,783	\$4,783
Role PI/PD Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John	<u>Department</u> Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				

Medicine, Coll	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
N-117646-01 7/24/07 to 7/23/10	A Multi-center, Double-blind Histor Monotherapy with Keppra XR for T AND An Open-label, Long Term Fo of Partial Onset Seizures UCB Pharma, Inc. through PRA Inter	reatment of Partial Onset Seizu llow Up Study with Keppra XR f	res Study	\$0	\$0	\$0	\$0
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-119916-01 7/18/07 to 7/17/12	A Multicenter, Open-label Extension Lacosamide Monotherapy and Safe Adjunctive Therapy in Subjects with Schwarz Biosciences, Inc.	ety of Lacosamide Monotherea		\$1,544	\$386	\$1,929	\$1,929
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John Ramsey-Williams, Vicki A.	<u>Department</u> Neurology, Department of Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-119930-01 7/24/07 to 7/23/12	A Multicenter, Randomized, Double Parallel-group Trial to Assess Roti in Subjects with Advanced-stage F Schwarz Biosciences, Inc.	gotine Transdermal System Dos		\$27,760	\$6,940	\$34,700	\$34,700
<u>Role</u> PI/PD	<u>Name</u> Elmer, Lawrence	Department Neurology, Department of	<u>% Credit</u> 100				
N-120172-01 2/27/08 to 2/26/12	Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S Schering Plough Research Institute		ick and Stroke	\$9,480	\$2,370	\$11,850	\$11,850
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Tietjen, Gretchen Burket, Mark Li, Hongyan Nazzal, Munier M.S.	<u>Department</u> Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of	<u>% Credit</u> 100				
N-120428-01 7/22/08 to 7/21/11	A Multi-center, Placebo-controlled Efficacy of ACP-103 in the Treatme Acadia Pharmaceuticals, Inc.			\$3,939	\$985	\$4,924	\$4,924
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				

Medicine, Col				Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
leurology, Departn	nent of						
N-120607-01	A Double-blind, Placebo-controlle Evaluate the Efficacy and Safety of Therapy in Subjects with Refractor Eisai Medical Research Inc. through	of E2007 (Preampanel) Given as ory Partial Seizures		\$28,788	\$7,197	\$35,984	\$35,984
Role PI/PD Co-I Co-I	<u>Name</u> Ali, Imran Cole, Kimberly A. Greenfield, Lazar John	Department Neurology, Department of Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-120608-01	A 14-Month Open-label Extension Placebo-controlled, Dose Escalat Efficacy and Safety of E2007 (pera Subjects with Refractory Partial S Eisai Medical Research Inc. through	on, Parallel-Group Studies to Ev ampanel) Given as Adjunctive Th eizures		\$15,027	\$3,757	\$18,784	\$18,784
<u>Role</u> PI/PD Co-I	<u>Name</u> Ali, Imran Greenfield, Lazar John	Department Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-120686-01 10/1/08 to 9/30/12	A Multi-center, Open-label Extens Tolerability of ACP-103 in the Trea Acadia Pharmaceuticals, Inc.			\$13,436	\$3,359	\$16,795	\$16,795
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
<b>N-1208<mark>38-01</mark> 11/19/08 to 11/18/1</b>	Inflammatory Markers of Migraine 1 GlaxoSmithKline through Drexel Un			\$14,783	\$3,696	\$18,479	\$18,479
Role PI/PD	<u>Name</u> Tietjen, Gretchen	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
N-121292-01	An Open-Label, Multi-Center, Foll Long-Term Effects of Rasagiline i Participated in the ADAGIO Study	n Parkinson's Disease Subjects		\$7,250	\$1,812	\$9,062	\$9,062
7/20/09 to 7/19/10 Role PI/PD	Teva Neuroscience, Inc. <u>Name</u> Elmer, Lawrence	Department Neurology, Department of	<u>% Credit</u> 100	_			
N-121434-01 9/28/09 to 9/27/10	Investigation of the Occurrence o (PD) Patients Treated Concomitar Using Retrospective Chart Review Teva Neuroscience. Inc.	f Serotonin Toxicity in Parkinsor tly with Rasagiline and Antidep		\$2,440	\$610	\$3,050	\$3,050
Role PI/PD	Name Elmer, Lawrence	Department Neurology, Department of	<u>% Credit</u> 100				

Aedicine, Coll	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
leurology, Departm N-121435-01	A Placebo-Controlled Study To Eva Subjects With Parkinson's Disease		Of IPX066 In	\$8,839	\$2,210	\$11,049	\$11,049
9/14/09 to 9/13/10	Impax Laboratories, Inc. through Pha		s, Inc.				
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
N-121444-01 8/4/09 to 11/10/11	Evaluation of Blood Biospectrosco Parkinson Disease (PD Biospec) - S Molecular Biometrics, Inc. through Ur	SPIN-PD	or Idiopathic	\$6,084	\$1,521	\$7,605	\$7,605
<u>Role</u> PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
<b>N-121532-01</b> 11/9/09 to 11/8/10	A Study to Evaluate the Safety and Disease, Protocol No. IPX066-B09- Impax Laboratories, Inc.		l Parkinson's	\$19,688	\$4,922	\$24,610	\$24,610
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				
N-121712-01	Efficacy and Safety of Eslicarbazer Therapy for Refractory Partial Seiz		Inctive	\$20,316	\$0	\$20,316	\$20,316
3/10/10 to 3/9/12 Role PI/PD Co-I Co-I	Sepracor Name Ali, Imran Li, Hongyan Ramsey-Williams, Vicki A.	Department Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of	<u>% Credit</u> 100				
N-121715-01 5/4/10 to 5/3/12	A Randomized, Double-Blind, Place Trial of Pregabalin Versus Placebo Associated with HIV Neuropathy Pfizer, Inc.	ebo-Controlled, Parallel-Group,		\$3,400	\$850	\$4,250	\$1,275
Role PI/PD Co-I Co-I	<u>Name</u> Duggan, Joan Koffman, Boyd Westerink, M.A. Julia	<u>Department</u> Medicine, Department of Neurology, Department of Medicine, Department of	<u>% Credit</u> 60 30 10				
N-121944-01 5/27/10 to 5/26/12	An Open Label Extension Study of Subjects with Parkinson's Disease Impax Laboratories, Inc.		f IPX066 in	\$5,292	\$1,323	\$6,614	\$6,614
Role PI/PD	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of	<u>% Credit</u> 100				

Medicine, Coll				Direct Cost	Indirect Cost	\$29,835 \$1,750 \$7,206	<u>Credit</u>
leurology, Departm	nent of						
N-122000-01 5/14/10 to 5/13/12	A Multi-Center, Double-Blind, Rand Study to Assess the Clinical Effect Symptomatic Neurogenic Orthostat Disease	of Droxidopa in the Treatment ic Hypotension in Patients wit	of	\$23,868	\$5,967	\$29,835	\$29,835
	Chelsea Therapeutics Inc through PP	•	04 <b>O</b> I''				
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Nicholas-Bublick, Selena C.	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences	<u>% Credit</u> 100				
N-122002-01	An Open-Label Extension Safety Tr		Vith	\$1,378	\$372	\$1,750	
11/15/1 <u>0 to 11/14/1</u>	Neuropathicpain Associated With H 1 Pfizer, Inc. through ICON Clinical Res		081251)				
Role PI/PD Co-I	<u>Name</u> Duggan, Joan Koffman, Boyd	<u>Department</u> Medicine, Department of Neurology, Department of	<u>% Credit</u> 100				
N-122032-01 7/15/10 to 7/14/12	A Multicenter, Placebo-Controlled, Efficacy of Pimavanserin in the Tre Acadia Pharmaceuticals, Inc.			\$5,674	\$1,532	\$7,206	\$7,206
Role	Name	Department	% Credit				
PI/PD Co-I Co-I Co-I	Elmer, Lawrence Scott, Mary E. Spears, Julia L. Wilson, Stephanie	Neurology, Department of Neurology, Department of Neurology, Department of Neurology, Department of	100				
N-122176-01	A Multi-Center, Open-Label Study T Droxidopa In Subjects With Primary Hydroxylase Deficiency Or Non-Dia Neurogenic Orthostatic Hypotensic Chelsea Therapeutics Inc	o Assess The Long-Term Safe / Autonomic Failure, Dopamin betic Neuropathy And Sympto	e Beta	\$49,039	\$16,346	\$65,385	\$65,38
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences	<u>% Credit</u> 100				
N-122744-01 5/2/11 to 5/1/12	A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int Sanofi-Aventis U.S., Inc.	el-Group Placebo-Controlled Sile In Patients With Relapsing M		\$5,500	\$90,622	\$96,122	\$67,285
Role	Name	Department	<u>% Credit</u>				
PI/PD Co-I Co-I Co-I	Koffman, Boyd Cole, Kimberly A. Elsamaloty, Haitham M. Ramsey-Williams, Vicki A.	Neurology, Department of Neurology, Department of Radiology, Department of Neurology, Department of	30 20 30 20				

Medicine, Co	llege of			Direct Cost	Indirect Cost	l Total Award	<u>Dept Award</u> Credit
Neurosciences, De	5			<u>Difect Cost</u>	Indirect Cost	Iotal Award	Orean
C-101353-04		the Calcium Signaling Machinery		\$183,150	\$88,461	\$271,611	
7/1/10 to 6/30/12	National Institute of General Medic	cal Sciences					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Scie	100				
Co-l	Giovannucci, David	Neurosciences, Department					
Co-I	Liu, Jiang	Medicine, Department of			<b>*</b> / • • • <b>-</b> •		*****
C-120600-20	Methamphetamine Toxicity and	Corticostriatal Glutamate		\$211,746	\$102,273	\$314,019	\$314,019
5/1/11 to 4/30/12	National Institute on Drug Abuse						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Yamamoto, Bryan K.	Neurosciences, Department	100				
C-120754-02	Targeted Treatments for Invasive			\$187,670	\$93,460	\$281,130	\$281,130
3/1/11 to 2/29/12	National Institute of Neurological I	Disorders and Stroke					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Howard, Marthe	Neurosciences, Department	100				
Co-I	Maltese, William A.	Biochemistry & Cancer Biolo					
C-120840-02		nction and Development of Neuron	al Nicotinic	\$100,134	\$49,866	\$150,000	\$150,000
	Synapses						
3/1/11 to 2/29/12	National Science Foundation	-	_				
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Margiotta, Joseph	Neurosciences, Department	100			<b>*</b> • • • • •	
S-100413-08-S1	[Ca2+]i and Secretory Dynamics			\$63,155	\$31,451	\$94,606	\$94,606
9/1/10 to 8/31/11	National Institute of Dental and Cr	aniofacial Research through Universi					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Giovannucci, David	Neurosciences, Department	100				
T-122154-01		ion of Alcohol-Drinking Behavior in	n P Rats	\$157,500	\$78,435	\$235,935	
5/1/11 to 4/30/12	National Institute on Alcohol Abuse	e and Alcoholism					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sari, Youssef	Pharmacology, Department c	100				
Co-I	Yamamoto, Bryan K.	Neurosciences, Department					

Sum of Department (Neurosciences, Department of) Award Count: 4.00

**Obstetrics & Gynecology, Department of** 

\$839,755

ledicine, Col				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
bstetrics & Gyneo N-101128-01	cology, Department of A 12-Month Open-Label, Multicent	or Study to Evolucito the Sofety o		\$0	\$0	\$0	\$(
N-101120-01	Dose of a New Modified-Release 1		n a 1.59 Orai	φU	<b>\$</b> 0	φU	φι
12/13/04 to 12/12/0	9 Xanodyne Pharmaceutical Inc.						
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Horrigan, Terrence J. Lamp, Judith Mehelas, Thomas Wolf, Lynda	Department Obstetrics & Gynecology, De Nursing, College of Surgery, Department of Obstetrics & Gynecology, De	<u>% Credit</u> 100				
N-121706-01	Precision Therapeutics PT-301			\$7,250	\$0	\$7,250	\$7,25
2/16/10 to 2/15/12	Precision Therapeutics Inc			¢1,200	<b>*</b> *	¢.,200	¢.,_ot
<u>Role</u> PI/PD Co-I	<u>Name</u> Manahan, Kelly J. Geisler, John Patrick	<u>Department</u> Obstetrics & Gynecology, De	<u>% Credit</u> 100				
	c	Sum of Department (Obstetrics & O	Synecology De	nartment Awar	d Count: 2 00		\$7,25
		buin of Department (Obsternes & C	Jynecology, De	partition Awar	2.00 unit. <b>2.00</b>		Ψι,20
rthopaedic Surge			Synecology, De		2 000m. <b>2.00</b>		ψ1 <u>,</u> 20
rthopaedic Surge C-101636-05	ry, Department of Bone Loss with Aging Occurs Due Cells			\$198,038	\$95,652	\$293,690	
C-101636-05 3/1/10 to 7/31/11	ry, Department of Bone Loss with Aging Occurs Due	e to Increased PPAR-g Activity in				\$293,690	•
C-101636-05	ry, Department of Bone Loss with Aging Occurs Due Cells					\$293,690	•
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging <u>Name</u> Lecka-Czernik, Beata Dual Release of Osteogenic Facto	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart	Marrow Stem <u>% Credit</u> 100			\$293,690 \$112,349	\$293,69
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02 B/1/10 to 8/31/11	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Name Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio	Marrow Stem <u>% Credit</u> 100 n	\$198,038	\$95,652		\$293,690
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Name Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health Name	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart	Marrow Stem <u>% Credit</u> 100	\$198,038	\$95,652		\$293,69
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02 D/1/10 to 8/31/11 Role	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health Name Jayasuriya, Ambalangodag	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio <u>Department</u> ge Orthopaedic Surgery, Depart	Marrow Stem <u>% Credit</u> 100 m <u>% Credit</u> 100	\$198,038	\$95,652		\$293,690 \$112,34
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02 D/1/10 to 8/31/11 Role PI/PD	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health Name Jayasuriya, Ambalangodag	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio <u>Department</u> ge Orthopaedic Surgery, Depart Loss and Improvement of TZD-aft	Marrow Stem <u>% Credit</u> 100 m <u>% Credit</u> 100	\$198,038 \$74,999	\$95,652 \$37,350	\$112,349	\$293,690 \$112,349 \$108,683
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02 D/1/10 to 8/31/11 Role PI/PD C-120614-03	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health Name Jayasuriya, Ambalangodag Prevention of TZD-induced Bone I Fracture Healing	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio <u>Department</u> ge Orthopaedic Surgery, Depart Loss and Improvement of TZD-aft	Marrow Stem <u>% Credit</u> 100 m <u>% Credit</u> 100	\$198,038 \$74,999	\$95,652 \$37,350	\$112,349	\$293,69 \$112,34
C-101636-05 3/1/10 to 7/31/11 Role PI/PD C-120397-02 9/1/10 to 8/31/11 Role PI/PD C-120614-03 1/1/11 to 12/31/11 Role PI/PD N-121353-01	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging Name Lecka-Czernik, Beata Dual Release of Osteogenic Facto National Institutes of Health Name Jayasuriya, Ambalangodag Prevention of TZD-induced Bone I Fracture Healing American Diabetes Association-Nati Name Lecka-Czernik, Beata NUVA.OC-0912: Osteocel and Bor Transforaminal Lumbar Interbody	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio <u>Department</u> ge Orthopaedic Surgery, Depart <b>-oss and Improvement of TZD-aft</b> onal <u>Department</u> Orthopaedic Surgery, Depart <b>total</b> <b>Department</b> Orthopaedic Surgery, Depart <b>total</b> <b>Department</b> <b>Orthopaedic Surgery, Depart</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b>	Marrow Stem <u>% Credit</u> 100 m <u>% Credit</u> 100 fected Bone <u>% Credit</u> 100	\$198,038 \$74,999	\$95,652 \$37,350	\$112,349	\$293,69 \$112,34 \$108,68
C-101636-05 B/1/10 to 7/31/11 Role PI/PD C-120397-02 D/1/10 to 8/31/11 Role PI/PD C-120614-03 1/1/11 to 12/31/11 Role PI/PD	ry, Department of Bone Loss with Aging Occurs Due Cells National Institute on Aging <u>Name</u> Lecka-Czernik, Beata Dual Release of Osteogenic Factor National Institutes of Health <u>Name</u> Jayasuriya, Ambalangodag Prevention of TZD-induced Bone I Fracture Healing American Diabetes Association-Nation Name Lecka-Czernik, Beata	e to Increased PPAR-g Activity in <u>Department</u> Orthopaedic Surgery, Depart rs to Enhance Bone Regeneratio <u>Department</u> ge Orthopaedic Surgery, Depart <b>-oss and Improvement of TZD-aft</b> onal <u>Department</u> Orthopaedic Surgery, Depart <b>total</b> <b>Department</b> Orthopaedic Surgery, Depart <b>total</b> <b>Department</b> <b>Orthopaedic Surgery, Depart</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b> <b>total</b>	Marrow Stem <u>% Credit</u> 100 m <u>% Credit</u> 100 fected Bone <u>% Credit</u> 100	\$198,038 \$74,999 \$94,507	\$95,652 \$37,350 \$14,176	\$112,349 \$108,683	\$293,69 \$112,34

Medicine, Coll	ege of			Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Awarc</u> Credit
Orthopaedic Surger	y, Department of					<u></u>	
N-122440-01	New Bone Formation of Various Bor Model	ne Void Fillers in a Rabbit Calva	rial Defect	\$39,020	\$9,755	\$48,775	\$48,77
1/1/11 to 12/31/12	North American Science Associates, Ir	nc.					
<u>Role</u> PI/PD Co-I	<u>Name</u> Czernik, Piotr J. Lecka-Czernik, Beata	<u>Department</u> Orthopaedic Surgery, Depart Orthopaedic Surgery, Depart	<u>% Credit</u> 96 4				
N-122441-01	Comparative Study of Bone Fillers in			\$9,025	\$2,256	\$11,281	\$11,281
1/1/11 to 2/28/11	North American Science Associates, Ir	าс.					
Role PI/PD Co-I	<u>Name</u> Czernik, Piotr J. Lecka-Czernik, Beata	<u>Department</u> Orthopaedic Surgery, Depart Orthopaedic Surgery, Depart	<u>% Credit</u> 99 1				
S-101512-03-S2	GRS: A New Approach to Regenera Mesenchymal Stem Cells and Macro		eeded with	\$41,000	\$0	\$41,000	\$38,950
8/31/10 to 7/31/12	National Science Foundation	-		1			
Role PI/PD Co-I	<u>Name</u> Jayasuriya, Ambalangodage Wooten, Ronald Mark	Department Orthopaedic Surgery, Depart Med Microbiology & Immuno	<u>% Credit</u> 95 5				
S-101512-03-S3 5/3/11 to 7/31/12	A New Approach to Regenerate Bon Mesenchymal Stem Cells and Macro National Science Foundation	e Using Microparticles Seeded	with	\$9,400	\$2,000	\$11,400	\$11,40
Role PI/PD Stdnt Schol	<u>Name</u> Jayasuriya, Ambalangodage Moeller, Kelsie Lynn	<u>Department</u> Orthopaedic Surgery, Depart	<u>% Credit</u> 100				
		um of Department ( <b>Orthopaedic</b> \$	Surgery, Depa	tment of) Awa	rd Count: 7.95		\$626,978
Pathology, Departm C-121489-03	Epidemiologic Study of Brain Vitam Diseases	inE, Diet & Age-Related Neurolo	ogic	\$41,706	\$20,769	\$62,475	\$62,47
3/1/10 to 2/28/11	National Institutes of Health through R	ush-Presbyterian-St. Luke's Medi	cal Center				
<u>Role</u> PI/PD	<u>Name</u> Hensley, Kenneth	<u>Department</u> Pathology, Department of	<u>% Credit</u> 100				
C-121489-04 3/1/11 to 2/29/12	Epidemiologic Study of Brain Vitam Diseases National Institutes of Health through R		-	\$40,054	\$19,947	\$60,001	\$60,00 <sup>-</sup>
3/1/11 to 2/29/12 Role	<u>National Institutes of Health through R</u> <u>Name</u> Hensley, Kenneth	<u>Department</u> Pathology, Department of	<u>% Credit</u>				

Medicine, Col	lege ol			Direct Cost	Indirect Cost	Total Award	Credit
athology, Departm	nent of						
N-121312-01		on of a New Molecular Test for Activ	ve VHS	\$41,237	\$18,763	\$60,000	\$30,000
2/1/11 to 1/31/12	National Oceanic and Atmospheric	c Administration through Ohio State L	Iniversity				
<u>Role</u> PI/PD Co-I	<u>Name</u> Stepien, Carol Willey, James	Department Lake Erie Soil and Water Re: Pathology, Department of	<u>% Credit</u> 50 50				
N-122420-01	Additional DNA Analysis Capabi			\$450,000	\$0	\$450,000	\$450,000
3/11/09 to 3/10/12	U.S. Department of Justice	•		. ,			. ,
Role PI/PD	<u>Name</u> Muldrew, Kenneth L.	<u>Department</u> Pathology, Department of	<u>% Credit</u> 100				
N-122470-01	Additional DNA Analysis Capabi	lity in Northwest Ohio		\$100,000	\$0	\$100,000	\$100,000
3/1/11 to 2/29/12	U.S. Department of Justice throug	h Ohio Attorney General					
<u>Role</u> PI/PD	<u>Name</u> Muldrew, Kenneth L.	<u>Department</u> Pathology, Department of	<u>% Credit</u> 100				
T-122057-02	Metabolic Replacement of Thera	py with Lanthionines for ALS		\$23,351	\$0	\$23,351	\$23,351
7/45/40 4 7/44/44	Judith & Jean Pape Adams Charita	able Foundation					
//15/10 to //14/11	Juulin & Jean Pape Auams Chante						
7/15/10 to 7/14/11 Role PI/PD	<u>Name</u> Hensley, Kenneth	<u>Department</u> Pathology, Department of	<u>% Credit</u> 100				
Role PI/PD	<u>Name</u> Hensley, Kenneth	Department	100	rtment of) Awa	ard Count: <b>5.50</b>		\$725,827
Role	Name Hensley, Kenneth	Department Pathology, Department of Sum of Department ( <b>Pa</b>	100	•		\$237,000	
Role PI/PD Pediatrics, Departm C-010085-32	Name Hensley, Kenneth nent of Regional Comprehensive Geneti	Department Pathology, Department of Sum of Department (Pa ic Services	100	rtment of) Awa \$237,000	ard Count: <b>5.50</b> <b>\$0</b>	\$237,000	\$725,827 \$237,000
Role PI/PD Pediatrics, Departm	Name Hensley, Kenneth	Department Pathology, Department of Sum of Department (Pa ic Services	100	•		\$237,000	
Role           PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role	Name Hensley, Kenneth Nent of Regional Comprehensive Geneti Ohio Department of Health - Feder Name	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of	100 athology, Depa <u>% Credit</u>	•		\$237,000 \$30,000	
Role           PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role           PI/PD	<u>Name</u> Hensley, Kenneth <b>nent of</b> <b>Regional Comprehensive Genet</b> <i>Ohio Department of Health - Fede</i> <u>Name</u> Hoo, Joe J.	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of ased Regional Child Find	100 athology, Depa <u>% Credit</u>	\$237,000	\$0		\$237,000
Role           PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role           PI/PD           C-010099-24	Name Hensley, Kenneth Ment of Regional Comprehensive Genet Ohio Department of Health - Fede Name Hoo, Joe J. HMG (Help Me Grow) Hospital-B	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of ased Regional Child Find	100 athology, Depa <u>% Credit</u>	\$237,000	\$0		\$237,000
Role           PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role           PI/PD           C-010099-24           10/1/10 to 9/30/11           Role           PI/PD           C-010099-24           10/1/10 to 9/30/11           Role           PI/PD           C-101166-06	Name Hensley, Kenneth Hensley, Kenneth Ment of Regional Comprehensive Geneti Ohio Department of Health - Feder Name Hoo, Joe J. HMG (Help Me Grow) Hospital-B Ohio Department of Health - Feder Name Quinn, Eileen A. Hospital-Based Regional Child F	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of ased Regional Child Find ral Pass-Through Funds Department Pediatrics, Department of	100 athology, Depar <u>% Credit</u> 100 <u>% Credit</u>	\$237,000	\$0		\$237,000
Role PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role PI/PD           C-010099-24           10/1/10 to 9/30/11           Role PI/PD           C-010099-24           10/1/10 to 9/30/11           Role PI/PD           C-101166-06           10/1/10 to 9/30/11	Name Hensley, Kenneth Nent of Regional Comprehensive Geneti Ohio Department of Health - Feder Name Hoo, Joe J. HMG (Help Me Grow) Hospital-B Ohio Department of Health - Feder Name Quinn, Eileen A.	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of ased Regional Child Find ral Pass-Through Funds Department Pediatrics, Department of	100 athology, Depar <u>% Credit</u> 100 <u>% Credit</u>	\$237,000 \$30,000	\$0 \$0	\$30,000	\$237,000 \$30,000
Role PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role PI/PD           C-010099-24           10/1/10 to 9/30/11           Role PI/PD           C-0101099-24           10/1/10 to 9/30/11           Role PI/PD           C-101166-06           10/1/10 to 9/30/11           Role PI/PD	Name Hensley, Kenneth Hensley, Kenneth Ment of Regional Comprehensive Genetic Ohio Department of Health - Feder Hoo, Joe J. HMG (Help Me Grow) Hospital-B Ohio Department of Health - Feder Quinn, Eileen A. Hospital-Based Regional Child F Mercy Children's Hospital Name Quinn, Eileen A.	Department Pathology, Department of Sum of Department ( <b>Pa</b> ic Services ral Pass-Through Funds Department Pediatrics, Department of ased Regional Child Find ral Pass-Through Funds Department Pediatrics, Department of	100 athology, Depar <u>% Credit</u> 100 <u>% Credit</u>	\$237,000 \$30,000 \$26,858	\$0 \$0	\$30,000	\$237,000 \$30,000
Role PI/PD           Pediatrics, Departm           C-010085-32           7/1/10 to 6/30/11           Role PI/PD           C-010099-24           10/1/10 to 9/30/11           Role PI/PD           C-010099-24           10/1/10 to 9/30/11           Role PI/PD           C-101166-06           10/1/10 to 9/30/11           Role	Name Hensley, Kenneth Hensley, Kenneth Ment of Regional Comprehensive Geneti Ohio Department of Health - Fede Name Hoo, Joe J. HMG (Help Me Grow) Hospital-B Ohio Department of Health - Fede Quinn, Eileen A. Hospital-Based Regional Child F Mercy Children's Hospital Name Quinn, Eileen A. Regional Child Find	Department         Pathology, Department of         Sum of Department (Pathology, Department (Pathology, Department (Pathology, Department of Contemport)         ic Services         ral Pass-Through Funds         Department         Pediatrics, Department of         ased Regional Child Find         ral Pass-Through Funds         Department         Pediatrics, Department of         Department         Pediatrics, Department of         Find Grant Program         Department         Department         Pediatrics, Department of	100 athology, Depar <u>% Credit</u> 100 <u>% Credit</u> 100 <u>% Credit</u> 100	\$237,000 \$30,000	\$0 \$0	\$30,000	\$237,000 \$30,000

Medicine, Coll	ege of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
Pediatrics, Departme	ent of						
C-121285-02	Center for Excellence in Autism			\$333,779	\$166,221	\$500,000	\$500,000
9/30/10 to 2/28/12	Administration for Children and Fan	nilies					
<u>Role</u> PI/PD Dir Ctr/Inst	<u>Name</u> Griffith, Joan Moyer, Sherry A.	<u>Department</u> Pediatrics, Department of	<u>% Credit</u> 100				
N-100438-01 7/30/02 to 12/31/09	Genentech National Cooperative Surveillance Program for Nutropi Genentech, Inc.			\$480	\$120	\$600	\$600
Role PI/PD	<u>Name</u> Horner, James	<u>Department</u> Pediatrics, Department of	<u>% Credit</u> 100				
N-122211-01	Phase 1 Delafloxacin			\$51,159	\$25,477	\$76,636	\$76,636
10/22/10 to 2/28/11	National Institute of Allergy & Infect Inc.	ious Diseases through Clinical Res	search Manageme	ent,			
<u>Role</u> PI/PD Dir Ctr/Inst	<u>Name</u> Blumer, Jeffrey L. Gray, Wesley Albert	<u>Department</u> Pediatrics, Department of Pediatrics, Department of	<u>% Credit</u> 100				
N-122437-01	Lorazepam Efficacy and Safety S	tudy		\$95,270	\$46,492	\$141,762	\$141,762

National Institute of Child Health & Human Development through Children's National

Role	Name	Department	% Credit				
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100				
N-122808-01	A Phase I Open-Label Trial to Inv			\$392,449	\$195,440	\$587,889	\$587,889
	Between Rifabutin or Rifampin an Subjects" protocol (DMID Protoc						
3/30/11 to 2/29/12	National Institute of Allergy & Infect			ent.			
	Inc.	3	Ŭ	·			
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Blumer, Jeffrey L.	Pediatrics, Department of	100				
R-101054-07	Reach Out and Read			\$18,182	\$1,818	\$20,000	\$20,000
7/1/10 to 6/30/11	Ohio Department of Jobs and Fami	ly Services					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Ruiz, Valarie Stricklen	Pediatrics, Department of	100				
Co-I	Legendre, Lori R.	Pediatrics, Department of					
		Sum of Department (	Pediatrics, Depart	tment of) Awa	ard Count: <b>10.00</b>		\$1,640,745
			· •	-			

Phys Pharm Met/Cardio Science, Department of

Medical Center

9/1/10 to 8/31/11

·	~			2			0.041
Phys Pharm Met/Ca	rdio Science, Department of						
C-010087-23	Digitalis-Induced Signaling by Ca	rdiac Na+/K+-ATPase		\$1,077,410	\$375,943	\$1,453,353	
4/1/11 to 3/31/12	National Heart, Lung & Blood Institu	Ite					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Askari, Amir	Biochemistry & Cancer Biolog	100				
Co-I	Garlid, Keith						
Co-l Co-l	Liu, Lijun Pierre, Sandrine V.	Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie					
Co-I	Xie, Zi-Jian	Phys Pharm Met/Cardio Scie					
C-010310-34	Genetic Elements Controlling Blo			\$373,024	\$184,591	\$557,615	\$557,615
4/1/11 to 3/31/12	National Heart, Lung & Blood Institu			<b>WOI 0,02</b> 4	ψ104,001	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	<i>\\\\</i>
Role	Name	Department	% Credit				
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Scie	100				
C-010991-10	CEACAM and Insulin Action			\$213,705	\$106,425	\$320,130	\$320,130
5/1/11 to 4/30/12	National Institute of Diabetes, Diges	stive & Kidnev Diseases		<i>•</i> ,	<i>•••••</i> ,•	<i>••=•</i> ,. <i>••</i>	<i><b>v</b>,</i>
Role	Name	Department	% Credit				
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Scie	100				
Co-I	Sanchez, Edwin	Phys Pharm Met/Cardio Scie					
C-100836-03	Genetics of Hypertension			\$249,529	\$120,523	\$370,052	\$370,052
8/1/10 to 7/31/11	National Heart, Lung & Blood Institu	Ite					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Joe, Bina	Phys Pharm Met/Cardio Scie	100				
C-101353-04	Na,K-ATPase as an Integrator of t	he Calcium Signaling Machinery		\$183,150	\$88,461	\$271,611	\$271,611
7/1/10 to 6/30/12	National Institute of General Medica	al Sciences					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Xie, Zi-Jian	Phys Pharm Met/Cardio Scie	100				
Co-I	Giovannucci, David	Neurosciences, Department					
Co-1	Liu, Jiang	Medicine, Department of	. A Dolo for	¢045.005	¢440.047	¢000 070	
C-101467-04	IL-10	Responses by Borrelia burgdorfer	I. A Role for	\$245,025	\$118,347	\$363,372	
6/1/11 to 5/31/12	National Institute of Allergy & Infecti	ious Diseases					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Wooten, Ronald Mark	Med Microbiology & Immuno	100				
Co-I	Weaver, David	Phys Pharm Met/Cardio Scie					
Co-I	Worth, Randall G.	Med Microbiology & Immuno					
C-120629-03		um Channels During Chronic BZ	Treatment in	\$37,027	\$0	\$37,027	\$37,027
1/1/11 to 2/21/12	Rats						
4/1/11 to 3/31/12	National Institute on Drug Abuse	Department					
Role Stdnt Schol	<u>Name</u> Earl, Damien E.	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
Sturit Schol	Ean, Dannen E.	Fillys Filatiti Met/Carulo SCIE	100				

Medicine, College of

Dept Award Direct Cost Indirect Cost **Total Award** . Credit

Medicine, Coll	ege of			Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Award</u> Credit
Phys Pharm Met/Ca	rdio Science, Department of				<u></u>		<u></u>
C-120642-02	Insulin Resistance in the Pathoger	nesis of NASH		\$250,000	\$124,500	\$374,500	\$374,500
9/1/10 to 8/31/12	National Institute of Diabetes, Digest	tive & Kidney Diseases					
<u>Role</u> PI/PD Co-I	<u>Name</u> Najjar, Sonia Castaneda, Tamara R.	<u>Department</u> Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
C-120742-02	ASPET Surf Fellowship			\$9,000	\$0	\$9,000	\$9,000
5/15/11 to 5/14/12	American Society for Pharmacology	and Experimental Therapeutics					
Role PI/PD Co-I Stdnt Schol Stdnt Schol Stdnt Schol Stdnt Schol	<u>Name</u> Tietz, Elizabeth I. Pierre, Sandrine V. Bell, Balyssa Bridget Daugherty, Jordan Leigh Felix, Gloria Estela Wyss, Sarah Christine	<u>Department</u> Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	<u>% Credit</u> 90 10				
C-121012-02	The Role of CEACAM1 in the Regu	Ilation of Cardiac Fatty Acid Meta	abolism	\$45,000	\$0	\$45,000	\$45,000
7/1/10 to 6/30/11	American Heart Association - Great	Rivers Affiliate					
Role Stdnt Schol	<u>Name</u> Morgan, Eric E.	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
C-121161-04	Hypothalamic Leptin and Insulin S		and Fertility	\$162,913	\$81,131	\$244,044	\$244,044
6/1/11 to 5/31/12	National Institute of Child Health & H	luman Development					
<u>Role</u> PI/PD	<u>Name</u> Hill, Jennifer E.W.	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
C-121624-06	<b>Oxidative Stress and Vascular HO</b>	in Diabetes		\$178,272	\$96,175	\$274,447	\$274,447
8/1/10 to 7/31/12	National Institute of Diabetes, Digest	tive & Kidney Diseases					
<u>Role</u> PI/PD	<u>Name</u> Abraham, Nader G.	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
C-121732-11	Heme Oxygenase Regulation of Ei	cosanoid Biosynthesis		\$300,425	\$149,612	\$450,037	\$450,037
6/1/11 to 5/31/12	National Institutes of Health						
<u>Role</u> PI/PD Co-I	<u>Name</u> Abraham, Nader G. Mensah-Osman, Edith	<u>Department</u> Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
N-120280-01	PZP Contraceptive Vaccine Pellet-			\$22,600	\$0	\$22,600	\$22,600
	1 Annenberg Foundation through Hum						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Turner, John	Phys Pharm Met/Cardio Scie	100	<b>A</b> 400 170	<b>A a</b>		\$400 IT-
N-121141-01	Acusion Sequoia C512 Echocardio	• • • •		\$100,470	\$0	\$100,470	\$100,470
8/1/10 to 7/31/11	National Center for Research Resou						
Role PI/PD	<u>Name</u> Pierre, Sandrine V.	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				

Medicine, Coll	eae of			Direct Cost	Indirect Cost	<u>[</u> Total Award	<u>Dept Award</u> Credit
•	rdio Science, Department of			Direct Cost	Indirect Cost	<u>10tal Awalu</u>	Creuit
N-121479-01-A1	Hormonal Regulation of Blood Pr	ressure		\$263,451	\$131,199	\$394,650	\$394,650
4/15/11 to 3/31/12	-	Ite through New York Medical Colleg	<i>je</i>	• • • • • •	· · , · ·	,,	• • •
Role PI/PD	<u>Name</u> Abraham, Nader G.	Department Phys Pharm Met/Cardio Scie	<u>% Credit</u> 100				
N-121743-01		idative Stress on Endothelial Fund		\$23,000	\$0	\$23,000	\$23,000
121745-01	Increase in HO-1 and Adiponectir			Ψ20,000	ψυ	Ψ25,000	Ψ25,000
7/1/10 to 6/30/11	American Heart Association - Great						
Role	Name	<u>Department</u>	% Credit				
Stdnt Schol	Angevine, Kristine Rose	Phys Pharm Met/Cardio Scie	100				
N-122145-01		ntrolled-Release PZP Contraceptive	ve Vaccine	\$79,365	\$20,635	\$100,000	\$100,000
	For Wild Horses						
9/30/10 to 9/29/11	Bureau of Land Management	-					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Turner, John	Phys Pharm Met/Cardio Scie	100	<b>A</b> ( 0, 500	**	<b>A</b> ( <b>A E A A</b>	<b>\$</b> 40 500
N-122405-01	A Novel Female-Controlled Antivi	rai Contraceptive		\$16,500	\$0	\$16,500	\$16,500
1/1/11 to 12/31/11	Bill and Melinda Gates Foundation	<b></b>					
Role PI/PD	<u>Name</u> Chalkrahartiv Jaana	<u>Department</u> Phys Pharm Met/Cardio Scie	<u>% Credit</u>				
N-122439-01	Chakraborty, Joana	Specific Identification of Retrovir	100	\$12,400	\$0	\$12,400	\$12,400
11-122435-01	Cancer Cells in a Mouse Lympho		us muuceu	φ12,400	φυ	<b>φ12,400</b>	φ12,400
1/1/11 to 12/31/11	F.M. Douglass Foundation						
Role	Name	Department	% Credit				
PI/PD	Chakraborty, Joana	Phys Pharm Met/Cardio Scie	100				
R-010991-09-A1	CEACAM and Insulin Action			\$324,619	\$128,716	\$453,335	\$453,335
8/15/10 to 4/30/11	National Institute of Diabetes, Diges	stive & Kidney Diseases					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Najjar, Sonia	Phys Pharm Met/Cardio Scie	95				
Co-I	Sanchez, Edwin	Phys Pharm Met/Cardio Scie	5				
S-121624-06	Oxidative Stress and Vascular HC			\$13,298	\$6,622	\$19,920	\$19,920
12/8/10 to 7/31/11	National Institute of Diabetes, Diges						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Abraham, Nader G.	Phys Pharm Met/Cardio Scie	100		<b>*</b> / <b>-</b> • / •	****	
S-121732-10-S1	Heme Oxygenase Regulation of E	cicosanoid Biosynthesis		\$95,000	\$47,310	\$142,310	\$142,310
6/1/10 to 5/31/11	National Institutes of Health			1			
Role	<u>Name</u> Abraham, Nader G.	Department	<u>% Credit</u>				
PI/PD Co-I	Abranam, Nader G. Mensah-Osman, Edith	Phys Pharm Met/Cardio Scie Phys Pharm Met/Cardio Scie	50 50				
00-1			50				

/ledicine, Col	lege of			Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
hys Pharm Met/Ca	rdio Science, Department of						
S-121732-10-S2	Heme Oxygenase Regulation of Eig	cosanoid Biosynthesis		\$1,800	\$0	\$1,800	\$1,80
12/8/10 to 5/31/11	National Institutes of Health						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Abraham, Nader G.	Phys Pharm Met/Cardio Scie	100		<b></b>	<b>.</b>	<b>.</b>
S-122145-01-S1	Development of a 3- to 4-year Cont For Wild Horses	rolled-Release PZP Contracept	ive Vaccine	\$119,048	\$30,952	\$150,000	\$150,00
2/28/11 to 3/4/11	Bureau of Land Management						
Role	Name	Department	% Credit				
PI/PD	Turner, John	Phys Pharm Met/Cardio Scie	100				
S-122145-01-S2	Development of a 3- to 4-year Cont	-	ive Vaccine	\$325,397	\$84,603	\$410,000	\$410,00
	For Wild Horses	·		. ,	. ,		
4/26/11 to 9/29/11	Bureau of Land Management						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Turner, John	Phys Pharm Met/Cardio Scie	100				
	t Studies Expansion of PA Training Program			\$990,000	\$19,880	\$1,009,880	\$353,458
N-122087-01		stration		\$990,000	\$19,880	\$1,009,880	\$353,45
N-122087-01 D/30/10 to 9/29/11 Role	Expansion of PA Training Program Health Resources & Services Admini <u>Name</u>	<u>Department</u>	<u>% Credit</u>	\$990,000	\$19,880	\$1,009,880	\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD	Expansion of PA Training Program Health Resources & Services Admini <u>Name</u> Gardner, April Lynn	Department Physician Assistant Studies	10	\$990,000	\$19,880	\$1,009,880	\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD PI/PD	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W.	<u>Department</u> Physician Assistant Studies Student Tutoring Prgm	10 65	\$990,000	\$19,880	\$1,009,880	\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I	Expansion of PA Training Program Health Resources & Services Admini Mame Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A.	<u>Department</u> Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies	10	\$990,000	\$19,880	\$1,009,880	\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD PI/PD	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W.	<u>Department</u> Physician Assistant Studies Student Tutoring Prgm	10 65 10 15		<b>\$19,880</b> Ird Count: <b>0.35</b>	\$1,009,880	
PI/PD PI/PD Co-I Co-I	Expansion of PA Training Program <u>Health Resources &amp; Services Admini</u> <u>Name</u> Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F.	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15	t Studies) Awa	rd Count: <b>0.35</b>		\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I Sychiatry, Departm C-010532-16	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Program	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15			\$1,009,880  \$54,000	\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I Sychiatry, Departm C-010532-16 7/1/10 to 6/30/11	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Progra Ohio Department of Mental Health	<u>Department</u> Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15 sician Assistant	t Studies) Awa	rd Count: <b>0.35</b>		\$353,45 \$353,45 \$54,00
N-122087-01 D/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I Co-I Co-I	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Program	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15	t Studies) Awa	rd Count: <b>0.35</b>		\$353,45
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I sychiatry, Departm C-010532-16 7/1/10 to 6/30/11 Role PI/PD	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Progra Ohio Department of Mental Health Name	<u>Department</u> Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15 sician Assistant	t Studies) Awa	rd Count: <b>0.35</b>		\$353,45 \$54,00
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I Co-I Sychiatry, Departm C-010532-16 7/1/10 to 6/30/11 Role PI/PD C-101317-06	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Progra Ohio Department of Mental Health Name Smith, Mary Kay	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15 sician Assistant	t Studies) Awa \$51,333	rd Count: <b>0.35</b> <b>\$2,667</b>	\$54,000	\$353,45 \$54,00
N-122087-01 9/30/10 to 9/29/11 Role PI/PD PI/PD Co-I Co-I Sychiatry, Departm C-010532-16 7/1/10 to 6/30/11 Role PI/PD C-101317-06	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. nent of General Residency Training Progra Ohio Department of Mental Health Name Smith, Mary Kay C/A Residency Training Program	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b>	10 65 10 15 sician Assistant	t Studies) Awa \$51,333	rd Count: <b>0.35</b> <b>\$2,667</b>	\$54,000	\$353,45
N-122087-01 9/30/10 to 9/29/11 PI/PD PI/PD Co-I Co-I Sychiatry, Departm C-010532-16 7/1/10 to 6/30/11 Role PI/PD C-101317-06 7/1/10 to 6/30/11	Expansion of PA Training Program Health Resources & Services Admini Name Gardner, April Lynn Peterson, Jay W. Hogue, Patricia A. Moynihan, Vivian F. Moynihan, Vivian F. Moynihan, Vivian F. Ment of General Residency Training Program Ohio Department of Mental Health Name Smith, Mary Kay C/A Residency Training Program Ohio Department of Mental Health	Department Physician Assistant Studies Student Tutoring Prgm Physician Assistant Studies Physician Assistant Studies Sum of Department ( <b>Phy</b> m Department Psychiatry, Department of	10 65 10 15 sician Assistant <u>% Credit</u> 100	t Studies) Awa \$51,333	rd Count: <b>0.35</b> <b>\$2,667</b>	\$54,000	\$353,45 \$54,00

Psychiatry, Departn	nent of						
C-121274-02	ACT Regional Center Midwest II			\$18,500	\$0	\$18,500	\$18,500
9/1/10 to 1/31/12	MetLife Foundation through Americar	Psychological Association					
Role	Name	Department	% Credit				
PI/PD	Knox, Michele	Psychiatry, Department of	100				
N-122290-01	The Asian-American Mental Health	Outreach Program		\$3,828	\$0	\$3,828	\$3,82
9/1/10 to 9/1/11	American Psychiatric Foundation						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Smith, Mary Kay	Psychiatry, Department of	100				
Dir Ctr/Inst	Metting, Patricia	Provost, Health Sciences					
Stdnt Schol	Ahuja, Brian						
Stdnt Schol	Chen, Yixing						
Stdnt Schol	Cho, Jason H.						
Stdnt Schol Stdnt Schol	Lai, Stella						
	Mahajan, Supriya M.						
Stdnt Schol	Sehgal, Priya Takashima, Yoko						
Stant Schol	Sengal, Priya Takashima, Yoko	Sum of Doportmont ( <b>D</b> o	vehictmy Depen	tmont of	Count: <b>4 00</b>		¢00.20
		Sum of Department ( <b>Ps</b>	ychiatry, Depar	tment of) Award	Count: <b>4.00</b>		\$99,32
Stdnt Schol	Takashima, Yoko 	· · · ·	ychiatry, Depar	•	Count: <b>4.00</b>		
Stdnt Schol	Takashima, Yoko	· · · ·	ychiatry, Depar	tment of) Award \$62,824	Count: <b>4.00</b> <b>\$2,176</b>	\$65,000	
Stdnt Schol	Takashima, Yoko 	): Industrial Hygiene - U Toledo	ychiatry, Depar	•		\$65,000	
Stdnt Schol           Public Hlth/Homelan           C-101313-06           7/1/10 to 6/30/11           Role	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name	): Industrial Hygiene - U Toledo fety and Health Department	% Credit	•		\$65,000	
Stdnt Schol           Public Hlth/Homelar           C-101313-06           7/1/10 to 6/30/11	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name	): Industrial Hygiene - U Toledo fety and Health		\$62,824		\$65,000	\$99,32 \$65,00
Stdnt Schol Public Hlth/Homelar C-101313-06 7/1/10 to 6/30/11 Role PI/PD	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa <u>Name</u> Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi	<u>% Credit</u> 100	•		\$65,000 \$3,300	\$65,00
Stdnt Schol           Public Hlth/Homelan           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System	): Industrial Hygiene - U Toledo fety and Health <u>Department</u> Public Hlth/Homeland Securi elopment for the Northwest Oh	<u>% Credit</u> 100	\$62,824	\$2,176		
Stdnt Schol Public Hlth/Homelan C-101313-06 7/1/10 to 6/30/11 Role PI/PD N-120419-01 3/27/08 to 3/26/12	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa <u>Name</u> Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev	): Industrial Hygiene - U Toledo fety and Health <u>Department</u> Public Hlth/Homeland Securi elopment for the Northwest Oh	<u>% Credit</u> 100	\$62,824	\$2,176		\$65,00
Stdnt Schol Public Hlth/Homelan C-101313-06 7/1/10 to 6/30/11 Role PI/PD N-120419-01 3/27/08 to 3/26/12 Role	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa <u>Name</u> Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District Name	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department	<u>% Credit</u> 100	\$62,824	\$2,176		\$65,00
Stdnt Schol           Public Hith/Homelar           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01           3/27/08 to 3/26/12           Role           PI/PD	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District Name Bisesi, Michael S.	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi	<u>% Credit</u> 100 o Regional <u>% Credit</u>	\$62,824	\$2,176		\$65,00
Stdnt Schol Public Hlth/Homelan C-101313-06 7/1/10 to 6/30/11 Role PI/PD N-120419-01 3/27/08 to 3/26/12 Role PI/PD PI/PD PI/PD PI/PD	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District Name Bisesi, Michael S. Milz, Sheryl A.	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi	<u>% Credit</u> 100 o Regional	\$62,824	\$2,176		\$65,00
Stdnt Schol           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01           3/27/08 to 3/26/12           Role           PI/PD           Color	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health Districe Name Bisesi, Michael S. Milz, Sheryl A. Bork, Christopher	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi Public Hlth/Homeland Securi	<u>% Credit</u> 100 o Regional <u>% Credit</u> 100	\$62,824 \$2,757	\$2,176 \$543		\$65,00 \$3,30
Stdnt Schol           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01           3/27/08 to 3/26/12           Role           PI/PD           Color	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District Name Bisesi, Michael S. Milz, Sheryl A. Bork, Christopher Development of Pandemic Reading	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi Public Hlth/Homeland Securi Ses and Response Guide, Table-	<u>% Credit</u> 100 o Regional <u>% Credit</u> 100	\$62,824	\$2,176		\$65,00 \$3,30
Stdnt Schol ublic Hlth/Homelau C-101313-06 7/1/10 to 6/30/11 Role PI/PD N-120419-01 3/27/08 to 3/26/12 Role PI/PD PI/PD PI/PD Co-I N-121609-01	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa <u>Name</u> Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District <u>Name</u> Bisesi, Michael S. Milz, Sheryl A. Bork, Christopher Development of Pandemic Reading Manual, and Functional Exercise M	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi Public Hlth/Homeland Securi Ses and Response Guide, Table- anuals	<u>% Credit</u> 100 o Regional <u>% Credit</u> 100	\$62,824 \$2,757	\$2,176 \$543	\$3,300	\$65,00 \$3,30
Stdnt Schol           Public Hlth/Homelan           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01           3/27/08 to 3/26/12           Role           PI/PD           PI/PD           N-120419-01	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa Name Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District Name Bisesi, Michael S. Milz, Sheryl A. Bork, Christopher Development of Pandemic Reading	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi Public Hlth/Homeland Securi Ses and Response Guide, Table- anuals	<u>% Credit</u> 100 o Regional <u>% Credit</u> 100	\$62,824 \$2,757	\$2,176 \$543	\$3,300	\$65,00 \$3,30
Stdnt Schol           Public Hlth/Homelar           C-101313-06           7/1/10 to 6/30/11           Role           PI/PD           N-120419-01           3/27/08 to 3/26/12           Role           PI/PD           PI/PD	Takashima, Yoko nd Security, Department of NIOSH Training Project Grant (TPG National Institute for Occupational Sa <u>Name</u> Akbar-Khanzadeh, Farhang Functional Biological Exercise Dev Medical Response System Lucas County Regional Health District <u>Name</u> Bisesi, Michael S. Milz, Sheryl A. Bork, Christopher Development of Pandemic Reading Manual, and Functional Exercise M	): Industrial Hygiene - U Toledo fety and Health Department Public Hlth/Homeland Securi elopment for the Northwest Oh et Department Public Hlth/Homeland Securi Public Hlth/Homeland Securi Public Hlth/Homeland Securi Ses and Response Guide, Table- anuals	<u>% Credit</u> 100 o Regional <u>% Credit</u> 100	\$62,824 \$2,757	\$2,176 \$543	\$3,300	\$65,00

Medicine, Coll	lege of			Direct Cost	Indirect Cost	<u>I</u> Total Award	<u>Dept Award</u> Credit
Public Hlth/Homela	nd Security, Department of						
N-121721-01	Fit Club: Champions for Healthy Ki	ds		\$10,000	\$0	\$10,000	\$10,000
6/1/10 to 5/31/11	General Mills						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Fink, Brian N.	Public Hlth/Homeland Securi	100				
Stdnt Schol	Frazee, James Christopher	Rehabilitation Sciences					
Stdnt Schol	Leigh, Laurasona Nuella Fior						
Stdnt Schol	Sharrock, Bethany L.	Resid Prgm-Rehab Medicine		<u> </u>	<b>*</b> 400.000	<b>*</b> 400.000	<b>*</b> 4 • 4 • • • •
N-121786-01	Monitoring Agricultural Sewage Slu	dge, 2010		\$365,040	\$102,960	\$468,000	\$121,680
7/1/10 to 6/30/13	U.S. Department of Agriculture						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	37				
Co-I	Akbar-Khanzadeh, Farhang	Public Hlth/Homeland Securi	13				
Co-I	Fink, Brian N.	Public Hlth/Homeland Securi	0				
Co-I	Khuder, Sadik	Medicine, Department of	0				
Co-l Co-l	Kumar, Ashok Milz, Sheryl A.	Civil Engineering, Departmer Public Hlth/Homeland Securi	9 13				
Co-I	Sigler, William Von	Environmental Sciences, Der	13				
Co-I	Spongberg, Alison L.	Environmental Sciences, Der	14				
N-121991-01	Greenhouse Nurseries Ohio			\$855,151	\$284,129	\$1,139,280	\$0
9/1/10 to 8/31/12	U.S. Department of Agriculture			<b>+</b> ,- <b>-</b> -	<b>+</b> -• -,•	•••,•••,=••	•
Role	Name	Department	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
N-122723-01	Loan of Mobile Recording Equipment	nt for Training		\$100	\$0	\$100	\$100
6/1/11 to 5/31/12	Health Resources & Services Adminis	tration through University of Pitts	burgh				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Bork, Christopher	Public Hlth/Homeland Securi	100				
S-121991-01-S1	Greenhouse Nurseries Ohio			\$52,400	\$0	\$52,400	\$0
9/1/10 to 8/31/12	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
S-121991-01-S2	Greenhouse Nurseries Ohio			\$59,237	\$0	\$59,237	\$0
9/1/10 to 8/31/12	U.S. Department of Agriculture						

% Credit

100

0

Department

Urban Affairs Center

Public Hlth/Homeland Securi

<u>Role</u> Pl/PD

Co-I

<u>Name</u>

Reid, Neil

Boardley, Debra J.

Dept Award

ublic Hlth/Homela	and Security, Department of						
S-121991-01-S3	Greenhouse Nurseries Ohio			\$26,200	\$0	\$26,200	\$
9/1/10 to 8/31/12	U.S. Department of Agriculture						
Role	Name	Department	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
S-121991-01-S4	Greenhouse Nurseries Ohio			\$14,563	\$0	\$14,563	\$
9/1/10 to 8/31/12	U.S. Department of Agriculture						
Role	Name	Department	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
	S	um of Department ( <b>Public Hlth/H</b>	omeland Securi	ty, Depar Award	Count: 5.26		\$340,08
Radiology, Departi	nent of						
N-101334-01	Effect of Sirolimus on Cyst Regres	sion in Renal Transplant Recipi	ents with	\$16,000	\$4,000	\$20,000	
	Polycystic Kidney Disease						
9/6/06 to 9/5/10	Wyeth Pharmaceuticals						
	N I	Department	0/ Cradit				
Role	<u>Name</u>	Department	% Credit				
<u>Role</u> PI/PD	<u>Name</u> Ratnam, Shobha	Medicine, Department of	<u>% Credit</u> 100				
PI/PD Co-I		Medicine, Department of Radiology, Department of					
PI/PD	Ratnam, Shobha	Medicine, Department of					
PI/PD Co-I	Ratnam, Shobha Elsamaloty, Haitham M.	Medicine, Department of Radiology, Department of					
PI/PD Co-I Co-I Co-I	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of	100	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A.	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled St	100 udy Of The	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I Co-I	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled State de In Patients With Relapsing M	100 udy Of The	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I Co-I	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled State de In Patients With Relapsing M	100 udy Of The	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I Co-I N-122744-01	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled State de In Patients With Relapsing M	100 udy Of The ultiple	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I <b>N-122744-01</b> 5/2/11 to 5/1/12	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int Sanofi-Aventis U.S., Inc. Name	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled Sta de In Patients With Relapsing M cerferon-Beta	100 udy Of The	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I <b>N-122744-01</b> 5/2/11 to 5/1/12 <u>Role</u>	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int Sanofi-Aventis U.S., Inc.	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled Str de In Patients With Relapsing M cerferon-Beta <u>Department</u> Neurology, Department of	100 udy Of The ultiple <u>% Credit</u>	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I <b>N-122744-01</b> 5/2/11 to 5/1/12 Role PI/PD	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int Sanofi-Aventis U.S., Inc. Name Koffman, Boyd	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled Sta de In Patients With Relapsing M cerferon-Beta	100 udy Of The ultiple <u>% Credit</u> 30	\$5,500	\$90,622	\$96,122	\$28,83
PI/PD Co-I Co-I <b>N-122744-01</b> 5/2/11 to 5/1/12 Role PI/PD Co-I	Ratnam, Shobha Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. A Multi-Center Double-Blind Paralle Efficacy And Safety Of Teriflunomic Sclerosis Who Are Treated With Int Sanofi-Aventis U.S., Inc. <u>Name</u> Koffman, Boyd Cole, Kimberly A.	Medicine, Department of Radiology, Department of Medicine, Department of Urology, Department of el-Group Placebo-Controlled Str de In Patients With Relapsing M serferon-Beta <u>Department</u> Neurology, Department of Neurology, Department of	100 udy Of The ultiple <u>% Credit</u> 30 20	\$5,500	\$90,622	\$96,122	\$28,83

Medicine, Coll	ege of			Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Resid Prgm-Medicir	ne						
N-101598-01	PRECISION: Prospective Random Safety vs. Ibuprofen or Naproxen.		ntegrated	\$19,548	\$4,887	\$24,435	
4/6/07 to 4/5/12	Pfizer, Inc. through INC Research, I	nc.					
Role PI/PD Co-I Co-I Co-I Co-I Stdnt Schol	<u>Name</u> Akpunonu, Basil Bittar, Samih Bruhl, Steven Hinch, Bryan Thomas Vijendra, Divya Baas, Tiffany Renee	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine Medicine, Department of	<u>% Credit</u> 100				
N-120191-01 1/15/08 to 1/14/12	A 104-week, Randomized, Double Comparing Effects of Treatment v on Atherosclerotic Disease Burde with Coronary Artery Disease Wh AstraZeneca, L.P.	-blind, Parallel Arm, Phase IIIb S vith Rosuvastatin 40 mg or Ator n Measured by Intravascular U	vastatin 80 mg trasound in Pts	\$31,622	\$7,906	\$39,528	\$3,95
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of	<u>% Credit</u> 70 10 10 10				
N-120829-01 1/23/09 to 1/22/12	A Randomized, Placebo Controlle Outcomes after Treatment with Si Mellitus and Inadequate Glycemic Antihyperglycemic Therapy Merck and Company Inc. through D	tagliptin in Patients with Type 2 Control on Mono- or Dual Com	Diabetes	\$17,365	\$4,341	\$21,706	
Role PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	Department Medicine, Department of Medicine, Department of Resid Prgm-Medicine	<u>% Credit</u> 100				
N-121503-01 11/13/09 to 11/12/11	Cordis CYPRESS Trial (P09-6301)			\$14,319	\$3,580	\$17,899	
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Pandya, Utpal Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Medicine, Department of Resid Prgm-Medicine	<u>% Credit</u> 100				

Medicine, Coll				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Resid Prgm-Medici							
N-121592-01	the Effects of JNJ-28431754 on 0 With Type 2 Diabetes Mellitus (T			\$51,891	\$12,973	\$64,864	
2/24/10 to 2/23/12	Johnson & Johnson Pharmaceutic	al Research and Development					
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Akpunonu, Basil Bittar, Samih Hinch, Bryan Thomas	<u>Department</u> Medicine, Department of Medicine, Department of Resid Prgm-Medicine	<u>% Credit</u> 100				
N-121691-01		arapladib - A Clinical Outcomes S Ibjects Following Acute Coronary		\$7,354	\$1,839	\$9,193	\$9,193
Role PI/PD	<u>Name</u> Tinkel, Jodi Lee	<u>Department</u> Resid Prgm-Medicine	<u>% Credit</u> 100				
N-121737-01 3/19/10 to 3/18/11	Placebo-Controlled Clinical Trial	ind, Randomized, Parallel Group, for the Assessment of Lipid and 2 in Patients with Acute Coronary		\$5,500	\$0	\$5,500	\$330
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Tinkel, Jodi Lee	Department Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine	<u>% Credit</u> 88 3 3 3 3 3				
N-121817-01 5/12/10 to 5/11/12	Evaluating the Effect of Treatme	-blind, Randomized, Placebo-Con nt with Dalcetrapib 600 mg on Ath nary Intravascular Ultrasound (IVL ohy II	erosclerotic	\$22,639	\$4,528	\$27,167	\$1,630
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Eltahawy, Ehab A. Tinkel, Jodi Lee	<u>Department</u> Medicine, Department of Medicine, Department of Medicine, Department of Resid Prgm-Medicine Resid Prgm-Medicine	<u>% Credit</u> 88 3 3 3 3 3 3				

						<u>[</u>	Dept Awarc
Medicine, Coll	0			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Resid Prgm-Medici							
N-121903-01	Protocol No. BCB 109 entitled "EX	enatide Study of Cardiovascula	r Event	\$20,354	\$5,496	\$25,850	\$51
0/40/40 10 0/45/40	Lowering Trial (EXSCEL)"						
8/16/10 to 8/15/12	Amylin Phamaceuticals, Inc. through			1			
Role	Name	Department	<u>% Credit</u>				
PI/PD	Akpunonu, Basil	Medicine, Department of	95				
Co-l	Bittar, Samih	Medicine, Department of	3				
Co-I	Hinch, Bryan Thomas	Resid Prgm-Medicine	2	<u> </u>	A 455	<b>A</b> E 000	<b>*</b> 1 <b>•</b> •
N-122255-01	PROspective Multicenter Imaging	Study for Evaluation of Chest P	ain (PROMISE	\$4,545	\$455	\$5,000	\$4,00
10/0/10 to 10/0/11	Trial)	a through Dulka Linius raits					
12/3/10 to 12/2/11	National Heart, Lung & Blood Institut						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Tinkel, Jodi Lee	Resid Prgm-Medicine	80				
Co-l Co-l	Colyer, William R. Khouri, Samer J.	Medicine, Department of Medicine, Department of	10 10				
00-1	Knoun, Samer J.	•					
		Sum of Departme	nt ( <b>Resid Prgm-N</b>	ledicine) Awa	ard Count: 2.04		\$19,622
Resid Prgm-Neuros	sciences						
N-101508-01	Novartis Protocol No. CFTY720D23	200		\$29,049	\$7,262	\$36,311	
		/00		φ20,040	Ψ1,202	φου,στι	
2/26/07 to 9/30/11	Novartis						
2/26/07 to 9/30/11 Role	Novartis Name	Department	% Credit				
Role	Name	Department Neurology Department of	<u>% Credit</u> 100				
<u>Role</u> PI/PD	<u>Name</u> Koffman, Boyd	Neurology, Department of	<u>% Credit</u> 100			_	
Role	<u>Name</u> Koffman, Boyd Hafeez, Faizan	Neurology, Department of Neurology, Department of					
Role PI/PD Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor	Neurology, Department of Neurology, Department of Neurology, Department of					
Role PI/PD Co-I Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan	Neurology, Department of Neurology, Department of					
Role PI/PD Co-I Co-I Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of	100	\$9,480	\$2,370	\$11,850	
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A.	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta	100	\$9,480	\$2,370	\$11,850	
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. <b>Trial to Assess the Effects of SCH</b>	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta	100	\$9,480	\$2,370	\$11,850	
Role PI/PD Co-I Co-I Co-I Co-I N-120172-01	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta	100	\$9,480	\$2,370	\$11,850	
Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           2/27/08 to 2/26/12	Name Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S Schering Plough Research Institute Name	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737)	100	\$9,480	\$2,370	\$11,850	
Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           2/27/08 to 2/26/12           Role	<u>Name</u> Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. <b>Trial to Assess the Effects of SCH</b> <b>in Patients with Atherosclerosis (S</b> <i>Schering Plough Research Institute</i>	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737)	100 ack and Stroke	\$9,480	\$2,370	\$11,850	
Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           2/27/08 to 2/26/12           Role           PI/PD	Name Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S Schering Plough Research Institute <u>Name</u> Tietjen, Gretchen	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of	100 ack and Stroke	\$9,480	\$2,370	\$11,850	
Role           PI/PD           Co-I           Role           PI/PD           Co-I	Name Koffman, Boyd Hafeez, Faizan Pirzada, Noor Ramirez, Mark Ramsey-Williams, Vicki A. Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S Schering Plough Research Institute <u>Name</u> Tietjen, Gretchen Burket, Mark	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of	100 ack and Stroke	\$9,480	\$2,370	\$11,850	
Role           PI/PD           Co-I	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH is         in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Department of	100 ack and Stroke <u>% Credit</u> 100	\$9,480	\$2,370	\$11,850 \$20,316	
Role           PI/PD           Co-I	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.         Efficacy and Safety of Eslicarbazeg         Therapy for Refractory Partial Seiz	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Department of	100 ack and Stroke <u>% Credit</u> 100				
Role           PI/PD           Co-I	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH is         in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Department of	100 ack and Stroke <u>% Credit</u> 100				
Role           PI/PD           Co-I	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.         Efficacy and Safety of Eslicarbazeg         Therapy for Refractory Partial Seiz	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Department of	ack and Stroke <u>% Credit</u> 100 100				
Role           PI/PD           Co-I           Co-I	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH         in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.         Efficacy and Safety of Eslicarbazeg         Therapy for Refractory Partial Seiz         Sepracor	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Dine Acetate (BIA 2-093) as Adjutures	100 ack and Stroke <u>% Credit</u> 100				
Role PI/PD Co-I Co-I Co-I Co-I           X-120172-01           2/27/08 to 2/26/12           Role PI/PD Co-I Co-I Co-I Co-I           X-121712-01           3/10/10 to 3/9/12           Role	Name         Koffman, Boyd         Hafeez, Faizan         Pirzada, Noor         Ramirez, Mark         Ramsey-Williams, Vicki A.         Trial to Assess the Effects of SCH in Patients with Atherosclerosis (S         Schering Plough Research Institute         Name         Tietjen, Gretchen         Burket, Mark         Li, Hongyan         Nazzal, Munier M.S.         Efficacy and Safety of Eslicarbazeg         Therapy for Refractory Partial Seiz         Sepracor         Name	Neurology, Department of Neurology, Department of Neurology, Department of Resid Prgm-Neurosciences Neurology, Department of 530348 in Preventing Heart Atta tudy P04737) Department Neurology, Department of Medicine, Department of Resid Prgm-Neurosciences Surgery, Department of Dine Acetate (BIA 2-093) as Adju ures	ack and Stroke <u>% Credit</u> 100 100 unctive <u>% Credit</u>				

esid Prgm-Neuros	sciences						
N-122000-01	A Multi-Center, Double-Blind, Rando Study to Assess the Clinical Effect of Symptomatic Neurogenic Orthostati Disease	of Droxidopa in the Treatment	of	\$23,868	\$5,967	\$29,835	
5/14/10 to 5/13/12	Chelsea Therapeutics Inc through PPI	D Development, LLC					
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Nicholas-Bublick, Selena C.	<u>Department</u> Neurology, Department of Resid Prgm-Neurosciences	<u>% Credit</u> 100				
N-122176-01	A Multi-Center, Open-Label Study To Droxidopa In Subjects With Primary Hydroxylase Deficiency Or Non-Dial Neurogenic Orthostatic Hypotension Chelsea Therapeutics Inc	Autonomic Failure, Dopamine petic Neuropathy And Sympton	Beta	\$49,039	\$16,346	\$65,385	
		_					
Role PI/PD Co-I	<u>Name</u> Elmer, Lawrence Nicholas-Bublick, Selena C.	Department Neurology, Department of Resid Prgm-Neurosciences	<u>% Credit</u> 100		rd Count:		
Role PI/PD Co-I esid Prgm-Pathol	Elmer, Lawrence Nicholas-Bublick, Selena C.	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b>	100 sid Prgm-Neuros	· · · · · · · · · · · · · · · · · · ·	rd Count:	\$190.982	\$9.54
Role PI/PD Co-I	Elmer, Lawrence Nicholas-Bublick, Selena C.	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b>	100 sid Prgm-Neuros	sciences) Awa \$136,800	rd Count: \$54,182	\$190,982	\$9,54
Role PI/PD Co-I esid Prgm-Pathol C-120533-02	Elmer, Lawrence Nicholas-Bublick, Selena C. Ogy Implementation of Innovative RNA S	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b>	100 sid Prgm-Neuros	· · · · · · · · · · · · · · · · · · ·		\$190,982	\$9,54
RolePI/PDCo-Iesid Prgm-PatholeC-120533-023/1/11 to 2/29/12RolePI/PDCo-IStatistician	Elmer, Lawrence Nicholas-Bublick, Selena C. Dgy Implementation of Innovative RNA S National Cancer Institute Name Willey, James Zyrek, Jill Lynn Khuder, Sadik	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b> <b>cample Quality Control Method</b> <u>Department</u> Medicine, Department of Resid Prgm-Pathology	100 sid Prgm-Neuros s <u>% Credit</u> 90 5 5 5	\$136,800	\$54,182	\$190,982	\$9,54 \$9,54
Role         PI/PD         Co-I         esid Prgm-Pathole         C-120533-02         3/1/11 to 2/29/12         Role         PI/PD         Co-I         Statistician         esid Prgm-Rehab	Elmer, Lawrence Nicholas-Bublick, Selena C. Ogy Implementation of Innovative RNA S National Cancer Institute Name Willey, James Zyrek, Jill Lynn Khuder, Sadik	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b> <b>Cample Quality Control Method</b> Department Medicine, Department of Resid Prgm-Pathology Medicine, Department of Sum of Department	100 sid Prgm-Neuros s <u>% Credit</u> 90 5 5 5	\$136,800	<b>\$54,182</b> rd Count: <b>0.05</b>		
RolePI/PDCo-Iesid Prgm-PatholeC-120533-023/1/11 to 2/29/12RolePI/PDCo-IStatistician	Elmer, Lawrence Nicholas-Bublick, Selena C. Dgy Implementation of Innovative RNA S National Cancer Institute Name Willey, James Zyrek, Jill Lynn Khuder, Sadik	Neurology, Department of Resid Prgm-Neurosciences Sum of Department ( <b>Res</b> <b>Cample Quality Control Method</b> Department Medicine, Department of Resid Prgm-Pathology Medicine, Department of Sum of Department	100 sid Prgm-Neuros s <u>% Credit</u> 90 5 5 5	\$136,800	\$54,182	\$190,982  \$10,000	

## Surgery, Department of

## Medicine, College of

Direct Cost Indirect Cost Total Award

Surgery, Departme	ent of						
C-011039-04	Community Clinical Oncology F	Program (Federal Funds)		\$0	\$0	\$0	
6/1/08 to 5/31/12	National Cancer Institute through	Toledo Community Hospital Oncolo	ogy Program				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Khosla, Sid M.	Surgery, Department of					
PI/PD	Skeel, Roland	Medicine, Department of	100				
Co-I	Chaudhary, Rekha	Medicine, Department of					
Co-I	Mohamed, Iman E.	Medicine, Department of					
Co-I	Quan, Walter	Medicine, Department of					
Co-I	Smith, Mary Russell	Provost, Health Sciences					
Co-I	Staren, Edgar	Surgery, Department of					
Co-I	Veltri, Salvatore	Medicine, Department of					
C-100704-07-W1	Preclinical in vitro and in vivo S	Creening Assays - Work Assignm	nent #1 -	\$31,806	\$15,363	\$47,169	\$47,169
	Contract Administration and Ma	anagement					
4/30/10 to 4/29/11	National Cancer Institute	-					
Role	Name	Department	% Credit				
PI/PD	Crist, Keith	Surgery, Department of	100				
N-100704-01-W12	Use Of C57BL/6J-Min/+mice to	1)Characterize the in vivo activity	of natural AhR	\$372,510	\$12,450	\$384,960	\$384,960
		ts of PPI inhibitors on the efficac		. ,	. ,	. ,	. ,
11/1/10 to 4/29/12	National Cancer Institute		• • • •				
Role	Name	Department	% Credit				
PI/PD	Crist, Keith	Surgery, Department of	100				
N-100704-01-W13	Chemoprevention in a Novel Mo	ouse Model of Barrett's Esophage	us and	\$324,898	\$12,450	\$337,348	\$337,348
	Esophageal Adenocarcinoma			<i>vo_</i> , <i>voo</i>	<i>••••</i>	<i></i>	<b>,</b>
11/1/10 to 4/29/11	National Cancer Institute						
Role	Name	Department	% Credit				
PI/PD	Crist, Keith	Surgery, Department of	100				
N-100704-01-W14	•	gents that Inhibit Dnmt1, a Key Ta		\$587,186	\$12,450	\$599,636	\$599,636
14-100/04-01-00/14	Carcinogenesis	gents that infibit Drint , a Key la	il get ill	φ <b>307</b> ,100	φ12, <del>4</del> 50	<b>4399,030</b>	<b>4</b> 555,050
11/1/10 to 4/29/11	National Cancer Institute						
		Depertment					
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Crist, Keith	Surgery, Department of	100				
N-100704-01-W15	•	ouse Model of Barrett's Esophage	us and	\$217,189	\$12,450	\$229,639	\$229,639
	Esophageal Adenocarcinoma						
11/1/10 to 4/29/11	National Cancer Institute						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Crist, Keith	Surgery, Department of	100				
A							

Dept Award Credit

Medicine, Coll Surgery, Departmer	t of						
N-101051-01	The National LymphoCare Study: A Outcomes and Prognosis in Patien			\$1,000	\$250	\$1,250	
9/29/04 to 9/28/11	Genentech, Inc.						
Role PI/PD Co-I Co-I Co-I Dir Ctr/Inst	<u>Name</u> Mohamed, Iman E. Chaudhary, Rekha Skeel, Roland Veltri, Salvatore Braun, Donald P.	<u>Department</u> 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	ectomy vs. Stenting		\$5,680	\$1,420	\$7,100	\$7,100
1/3/05 to 1/2/11	National Institute of Neurological Disc Dentistry of New Jersey	orders and Stroke through Univers	sity of Medicine &				
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Nazzal, Munier M.S. Abbas, Jihad T. Burket, Mark Hafeez, Faizan Ramsey-Williams, Vicki A. Tietjen, Gretchen	<u>Department</u> Surgery, Department of Surgery, Department of Medicine, Department of Neurology, Department of Neurology, Department of Neurology, Department of	<u>% Credit</u> 100				
N-101128-01	A 12-Month Open-Label, Multicente Dose of a New Modified-Release Tr 9 Xanodyne Pharmaceutical Inc.	r Study to Evaluate the Safety of	of a 1.3g Oral	\$0	\$0	\$0	
Role	Name	Department	% Credit				
PI/PD Co-I Co-I Co-I	Horrigan, Terrence J. Lamp, Judith Mehelas, Thomas Wolf, Lynda	Obstetrics & Gynecology, De Nursing, College of Surgery, Department of Obstetrics & Gynecology, De	100				
N-101432-01	Future Revascularization Evaluatio	n in Patients with Diabetes Mel	litus: Optimal	\$400	\$100	\$500	
8/16/06 to 12/31/09	Management of Multivessel Diseas National Heart, Lung & Blood Institute City		ledicine - New Yo	ork			
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Colyer, William R. Burket, Mark Cooper, Christopher Durham, Samuel Pandya, Utpal Tennyson, Gregory E. Tietjen, Gretchen	Department Medicine, Department of Medicine, Department of Medicine, Department of Surgery, Department of Medicine, Department of Medicine, Department of Neurology, Department of	<u>% Credit</u> 100				

ledicine, Co	liege of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
urgery, Departme							
N-119861-01	Stenting and Angioplasty with P	rotection in Patients at High Risl	k for	\$5,960	\$1,490	\$7,450	\$7,45
10/15/07 to 10/14/	Endarterectomy 11 Cordis Corporation						
Role	Name	Department	% Credit				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-I	Abbas, Jihad T.	Surgery, Department of	100				
N-119862-01	Randomized, Single Blind Trial t		aintaining	\$0	\$0	\$0	9
	Patency and Safety of the Vascu	lar Wrap Paclitaxel-eluting Mesh	after Surgical				
	Implantation						
3/7/07 to 8/6/09	Angiotech Pharmaceuticals, Inc.						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-l	Abbas, Jihad T.	Surgery, Department of					
Co-l	Kaw, Dinkar	Medicine, Department of					
Co-l	Malhotra, Deepak K.	Medicine, Department of					
Co-l	Ratnam, Shobha	Medicine, Department of					
Co-I	Shapiro, Joseph	Medicine, Department of			<b>A</b> •	••	
I-119863-01	A Long Term Safety Study of the			\$0	\$0	\$0	:
	Surgical Implantation with the L		the Upper				
3/6/07 to 8/5/11	Extremity for Hemodialysis Vaso Angiotech Pharmaceuticals, Inc.	cular Access					
	<b>9</b>	Deservities e et	24 <b>O</b> 11				
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Nazzal, Munier M.S.	Surgery, Department of	100				
Co-l Co-l	Abbas, Jihad T. Kaw, Dinkar	Surgery, Department of Surgery, Department of					
Co-I	Malhotra, Deepak K.	Surgery, Department of					
Co-I	Ratnam, Shobha	Medicine, Department of					
Co-l	Shapiro, Joseph	Surgery, Department of					
I-120002-01-A1	Therapeutic Potential of Ex vivo		erived CD133+	\$608,504	\$178,336	\$786,840	
	Cells in Critical Limb Ischemia	•		. ,	. ,	. ,	
/1/09 to 3/31/10	National Institutes of Health throug	h Arteriocyte, Inc.					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Cooper, Christopher	Medicine, Department of	100				
Co-I	Zelenock, Gerald B.	Surgery, Department of					

,	lege of			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
urgery, Departmer	nt of						
N-120172-01 2/27/08 to 2/26/12	Trial to Assess the Effects of SCH 530348 in Preventing Heart Attack and Stroke in Patients with Atherosclerosis (Study P04737) Schering Plough Research Institute			\$9,480	\$2,370	\$11,850	
Role	Name	Department	% Credit				
PI/PD	Tietjen, Gretchen	Neurology, Department of	100				
Co-I	Burket, Mark	Medicine, Department of	100				
Co-I	Li, Hongyan	Resid Prgm-Neurosciences					
Co-I	Nazzal, Munier M.S.	Surgery, Department of					
N-121526-01	Mechanisms Driving Cortical Cytoskeleton Dynamics in Cancer Cell Invasion			\$207,500	\$103,335	\$310,835	\$15,542
7/1/10 to 5/31/11	National Institutes of Health				. ,	. ,	. ,
<u>Role</u>	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Eisenmann, Kathryn M.	Biochemistry & Cancer Biolo	90				
Co-I	Gunning, William T.	Biochemistry & Cancer Biolo	5				
Co-I	Kalinoski, Andrea L.	Surgery, Department of	5				
N-121535-01	A Phase 3, Multicenter, Randomized	l, Double-Blind, Placebo-Contr	olled Study to	\$16,202	\$0	\$16,202	
	Evaluate the Efficacy and Safety of						
	Addition to Standard of Care in Adu	Its and Adolescents Who are H	lospitalized				
	Due to Serious Influenza						
· · · · · · · · · · · · · · · · · · ·	0 BioCryst Pharmaceuticals, Inc.						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Hammersley, Jeffrey	Medicine, Department of	100				
Co-l	Assaly, Ragheb	Medicine, Department of					
Co-l	Bauer, Rebecca	Medicine, Department of					
Co-l	Brickman, Kristopher R.	Surgery, Department of					
Co-I	Duggan, Joan	Medicine, Department of					
Co-I	Hernandez, Dawn-Alita R.	Medicine, Department of					
Co-l	Olson, Dan	Medicine, Department of					
Co-l Co-l	Willey, James Yoon-Krawczyk, Youngsook	Medicine, Department of Medicine, Department of					
N-121659-01	The Effect of Acadesine on Clinicall	· · · · ·	scular and	\$68,711	\$0	\$68,711	<b>\$68,71</b> 1
N-121033-01	Cerebrovascular Events in High-Ris			φ00,711	φυ	φ00,711	φ <b>00</b> ,7 Π
	Bypass	k Subjects Undergoing Corona	ary Artery				
2/2/10 to 11/30/10	Schering Plough Corporation						
Role	Name	Department	% Credit				
PI/PD	Schwann, Thomas A.	Surgery, Department of	100				
Co-I	Colver, William R.	Medicine, Department of	100				
S-100704-01-W10	Human Melanoma: Early Biomarker	,	Prevention	\$515,148	\$12,450	\$527,598	\$527,598
11/1/10 to 4/29/11	National Cancer Institute						
11/1/10 10 4/20/11							
Role PI/PD	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				

Medicine, Col	0			Direct Cost	Indirect Cost	Total Award	
Surgery, Departmer S-100704-01-W11	nt of Evaluation of the Modulation on Ge	ene Expression by Chemopreve	ntive Agents	\$487,219	\$0	\$487,219	\$487,219
	in Human Colon Polyp Adenoma C		inve Agento	ψ <del>-</del> -07,210	ψŪ	φ <del>+</del> 01,210	φ+07,210
11/1/10 to 4/29/11	National Cancer Institute						
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Crist, Keith	Surgery, Department of	100		and County 42 OF		¢0 740 07
		Sum of Department (	Surgery, Depai	rtment of) Awa	ard Count: 12.05		\$2,712,37
rology, Departmer				<b></b>	<b>*</b> ***	<b>.</b>	<b>*</b>
C-121527-02	Improvement in Paired Donation P	rogram		\$252,633	\$98,421	\$351,054	\$87,76
5/1/11 to 4/30/12	National Institutes of Health	Descadas est	ar <b>a</b> 14				
Role	<u>Name</u> Stankowski, Stanialow M	Department	<u>% Credit</u>				
PI/PD Co-I	Stepkowski, Stanislaw M. Rees, Michael A.	Med Microbiology & Immuno Urology, Department of	75 25				
Statistician	Khuder, Sadik	Medicine, Department of	25				
N-101334-01	Effect of Sirolimus on Cyst Regres		ents with	\$16,000	\$4,000	\$20,000	
	Polycystic Kidney Disease			. ,	. ,	. ,	
9/6/06 to 9/5/10	Wyeth Pharmaceuticals						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Ratnam, Shobha	Medicine, Department of	100				
Co-I	Elsamaloty, Haitham M.	Radiology, Department of	100				
Co-l Co-l	Elsamaloty, Haitham M. Khuder, Sadik	Radiology, Department of Medicine, Department of	100				
Co-l	Elsamaloty, Haitham M.	Radiology, Department of Medicine, Department of Urology, Department of					
Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik	Radiology, Department of Medicine, Department of		rtment of) Awa	ard Count: <b>0.25</b>		\$87,76
Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department (	Urology, Depai	<u> </u>	ard Count: <b>0.25</b> ard Count: <b>197.74</b>	 \$	
Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department (	Urology, Depai	<u> </u>		\$	
Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department (	Urology, Depai	<u> </u>			28,204,29
Co-I Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A.	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Colle	Urology, Depai	College of) Awa	ard Count: <b>197.74</b>		\$87,764 28,204,298 Dept Award
Co-I Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. - - <b>Ces &amp; Mathematics, Colleg</b>	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Colle	Urology, Depai	<u> </u>			28,204,29
Co-I Co-I Co-I Siological Sciences	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. - - - - - - - - - - - - - - - - - - -	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Colle <b>je of</b>	Urology, Depar ge (Medicine, C	College of) Awa	ard Count: <b>197.74</b>	Total Award	28,204,29 Dept Award Credit
Co-I Co-I Co-I	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Colle <b>je of</b>	Urology, Depar ge (Medicine, C	College of) Awa	ard Count: <b>197.74</b>		28,204,29
Co-I Co-I Co-I Siological Sciences C-109224-11	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect Je Of Proteins XAF1 and ZNF313 on In	Urology, Depar ge (Medicine, C	College of) Awa	ard Count: <b>197.74</b>	Total Award	28,204,29 Dept Award Credit
Co-I Co-I <b>Natural Sciences</b> Siological Sciences C-109224-11 8/1/10 to 7/31/12	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect Je of Proteins XAF1 and ZNF313 on In us Diseases	Urology, Depai ge (Medicine, C	College of) Awa	ard Count: <b>197.74</b>	Total Award	28,204,29 Dept Award Credit
Co-I Co-I Co-I Iatural Sciences iological Sciences C-109224-11	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect ge of Proteins XAF1 and ZNF313 on In us Diseases Department	Urology, Depar ge (Medicine, C	College of) Awa	ard Count: <b>197.74</b>	Total Award	28,204,29 Dept Awar <u>Credit</u>
Co-I Co-I Co-I Siological Sciences C-109224-11 8/1/10 to 7/31/12 Role	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect <b>Je of</b> Proteins XAF1 and ZNF313 on In us Diseases Department Biological Sciences, Departm	Urology, Depar ge (Medicine, C nnate <u>% Credit</u> 100	College of) Awa	ard Count: <b>197.74</b>	Total Award	28,204,29 Dept Award Credit
Co-I Co-I Co-I <b>Iatural Sciences</b> iological Sciences C-109224-11 8/1/10 to 7/31/12 Role PI/PD C-109888-04	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. 	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect <b>Je of</b> Proteins XAF1 and ZNF313 on In us Diseases Department Biological Sciences, Departm	Urology, Depar ge (Medicine, C nnate <u>% Credit</u> 100	College of) Awa	ard Count: <b>197.74</b> <u>Indirect Cost</u> <b>\$78,728</b>	<u>Total Award</u> \$256,812	28,204,29
Co-I Co-I Co-I Siological Sciences C-109224-11 8/1/10 to 7/31/12 Role PI/PD	Elsamaloty, Haitham M. Khuder, Sadik Rees, Michael A. Ces & Mathematics, Colleg , Department of Impact of the Interferon Regulated Immunity National Institute of Allergy & Infectio Name Leaman, Douglas W.	Radiology, Department of Medicine, Department of Urology, Department of Sum of Department ( Sum of Collect <b>Je of</b> Proteins XAF1 and ZNF313 on In us Diseases Department Biological Sciences, Departm	Urology, Depar ge (Medicine, C nnate <u>% Credit</u> 100	College of) Awa	ard Count: <b>197.74</b> <u>Indirect Cost</u> <b>\$78,728</b>	<u>Total Award</u> \$256,812	28,204,29

Direct Cost	Indirect	Cost	Total Award	Credit

Dept Award
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C-110094-04	Locomotion in Parasitic Nematod	es		\$200,475	\$88,209	\$288,684	\$288,68
2/1/11 to 1/31/12	National Institute of Allergy & Infection			<i>\</i> <b>200</b> ,410	<i><b>400</b>,200</i>	<i>\</i> 200,001	<i>\</i> <b>200,00</b>
Role	Name	Department	% Credit				
PI/PD	Komuniecki, Richard	Biological Sciences, Departm	100				
Co-I	Bamber, Bruce A.	Biological Sciences, Departm	0				
Co-I	Komuniecki, Patricia R.	Biological Sciences, Departm	0				
C-121388-02	VHS Yellow Perch Aquaculture AR	RS 2010		\$162,927	\$0	\$162,927	\$53,76
7/1/10 to 6/30/12	U.S. Department of Agriculture throu	ıgh University of Wisconsin-Milwau	kee				
Role	Name	Department	% Credit				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Re	34				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	33				
Co-I	Willey, James	Medicine, Department of	33				
N-121364-01-A1	Role of JAK2-PAK1 Interaction in	Prolactin-Dependent Signaling		\$250,000	\$113,750	\$363,750	\$363,75
9/1/10 to 8/31/11	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Diakonova, Maria	Biological Sciences, Departm	100				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	0				
N-121827-01	Genetic Detection & Geographic A	Analysis of Great Lakes Fish Infe	ction by Viral	\$365,040	\$102,960	\$468,000	\$46,80
	Hemorrhagic Septicemia (VHS)						
8/1/10 to 7/30/12	U.S. Department of Agriculture						
<u>Role</u>	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Rea	50				
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Der	10				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	10				
Co-I	Willey, James	Medicine, Department of	30		*** ***		<b>*</b>
N-122131-01	Assembly, Disassembly and Func	tion of the Mitotic Checkpoint Co	omplex	\$161,991	\$65,238	\$227,229	\$227,22
3/1/11 to 2/29/12	National Science Foundation						
<u>Role</u>	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Liu, Song-Tao	Biological Sciences, Departm	100				
N-122149-01	Coordination of Neuronal Guidance	ce in the Developing Nervous Sys	stem	\$70,141	\$4,858	\$74,999	\$74,99
2/15/11 to 2/14/12	Whitehall Foundation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Liu, Guofa	Biological Sciences, Departm	100				
N-122308-01	The Coordination of Netrin Signal	Transduction		\$300,000	\$0	\$300,000	\$300,0
5/1/11 to 4/30/14	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Liu, Guofa	Biological Sciences, Departm	100				

		ge ol		Direct Cost	Indirect Cost	<u>Iotal Award</u>	Credit
<b>Biological Science</b>	s, Department of						
S-110094-04-S1	Locomotion in Parasitic Nematode	es		\$20,048	\$8,821	\$28,869	\$28,869
2/1/11 to 1/31/12	National Institute of Allergy & Infection	ous Diseases					
<u>Role</u> PI/PD Co-I Co-I	<u>Name</u> Komuniecki, Richard Bamber, Bruce A. Komuniecki, Patricia R.	<u>Department</u> Biological Sciences, Departm Biological Sciences, Departm Biological Sciences, Departm	<u>% Credit</u> 100 0 0				
		Sum of Department (Biological S	ciences, Depa	r <b>tment of)</b> Awar	rd Count: 8.43		\$1,823,191
Chemistry, Departr	nent of						
C-109297-06	Ohio Consortium for Undergradua	ate Research		\$2,749	\$1,251	\$4,000	\$4,000
9/1/10 to 8/31/11	National Science Foundation throug	h Ohio State University Research F	oundation				
Role PI/PD	<u>Name</u> Sucheck, Steven Joseph	<u>Department</u> Chemistry, Department of	<u>% Credit</u> 100				
C-120014-02	Development of Aspartate Pathwa	y Inhibitors as Novel Antibiotics		\$225,000	\$94,725	\$319,725	\$191,83
5/1/11 to 4/30/12	National Institutes of Health						
Role PI/PD Co-I	<u>Name</u> Viola, Ronald Erhardt, Paul W.	<u>Department</u> Chemistry, Department of Center for Drug Design and I	<u>% Credit</u> 60 40				
C-120232-03	Improved CdTe PV Modules by AP	VD		\$266,472	\$77,407	\$343,879	\$34,388
7/1/10 to 12/31/11	U.S. Department of Energy						
<u>Role</u> PI/PD Co-I Co-I Co-I	<u>Name</u> Collins, Robert W. Compaan, Alvin D. Giolando, Dean M. Marsillac, Sylvain	<u>Department</u> Physics and Astronomy, Dep Physics and Astronomy, Dep Chemistry, Department of Physics and Astronomy, Dep	<u>% Credit</u> 40 40 10 10				
C-120649-03	CAREER: 3-Iminophosphine Palla	dium Catalysts for Atom-efficient	t	\$79,166	\$34,834	\$114,000	\$114,000
5/1/11 to 4/30/12	National Science Foundation						
<u>Role</u> PI/PD	<u>Name</u> Schmidt, Joseph	<u>Department</u> Chemistry, Department of	<u>% Credit</u> 100				
C-121614-02	Novel Low Temperature Routes to	Metal Sulfides		\$72,165	\$32,835	\$105,000	\$105,00
7/1/11 to 6/30/12	National Science Foundation						
<u>Role</u> PI/PD	<u>Name</u> Lind, Cora	<u>Department</u> Chemistry, Department of	<u>% Credit</u> 100				

Natural Science	ces & Mathematics, Colleg	je of		Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Dept Award</u> <u>Credit</u>
Chemistry, Departm	nent of						
<b>N-121486-01</b> 7/15/10 to 6/30/13	A Path Toward an Environmentally and Monitoring National Science Foundation	Secure Future through Ecosyst	em Science	\$3,639,152	\$0	\$3,639,152	
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Martin, Geoffrey K. Anderson, Jared L. Chen, Jiquan Gottgens, Johan F. Kirchhoff, Jon R.	Department Administration, Unspecified Chemistry, Department of Environmental Sciences, Dep Environmental Sciences, Dep Chemistry, Department of	<u>% Credit</u> 100				
N-121594-01-A1 5/1/11 to 4/30/14	Synthesis of Glycopeptide-based ( National Institutes of Health	Cancer Antigen Vaccines		\$230,000	\$104,650	\$334,650	\$207,483
<u>Role</u> PI/PD PI/PD	<u>National Institutes of Health</u> <u>Name</u> Sucheck, Steven Joseph Wall, Katherine Ann	<u>Department</u> Chemistry, Department of Medicinal and Biological Che	<u>% Credit</u> 62 38				
N-121601-01	REU Site Exploring Structure of Me	olecules and Materials		\$88,567	\$11,250	\$99,817	\$99,817
7/1/10 to 6/30/11	National Science Foundation	<b>.</b>					
Role PI/PD Co-I	<u>Name</u> Mueser, Timothy Lind, Cora	<u>Department</u> Chemistry, Department of Chemistry, Department of	<u>% Credit</u> 50 50				
N-121678-01	Interfacial Assembly of Nanopartic	les and Their Interactions		\$288,659	\$131,341	\$420,000	\$210,000
9/1/10 to 8/31/13	National Science Foundation						
Role PI/PD Co-I	<u>Name</u> Bigioni, Terry P. Amar, Jacques G.	<u>Department</u> Chemistry, Department of Physics and Astronomy, Dep	<u>% Credit</u> 50 50				
N-122216-01	Testing of Pin Hole Repair			\$1,432	\$652	\$2,084	\$2,084
9/22/10 to 3/21/11	Von Roll Solar AG						
Role PI/PD	<u>Name</u> Giolando, Dean M.	<u>Department</u> Chemistry, Department of	<u>% Credit</u> 100				
N-122296-01	Lightweight Flexible Solar Cells Air Force Research Laboratory/VA	Charlienty, Dopartment of	100	\$2,128,108	\$469,218	\$2,597,326	\$129,866
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Collins, Robert W. Amar, Jacques G. Bigioni, Terry P. Ellingson, Randall J. Heben, Michael J. Khare, Sanjay	Department Physics and Astronomy, Dep Physics and Astronomy, Dep Chemistry, Department of Physics and Astronomy, Dep Physics and Astronomy, Dep Physics and Astronomy, Dep	<u>% Credit</u> 29 5 5 28 28 28 5				

Dept Award

	ces & Mathematics, Colleg	Je ol		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
nemistry, Departn	nent of						
R-122077-02	Project Seed at UT 2011			\$7,250	\$0	\$7,250	\$7,250
6/14/11_to 9/15/11_	American Chemical Society						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of	100				
S-120014-02-S1	Development of Aspartate Pathwa	y Inhibitors as Novel Antibiotics		\$22,500	\$9,472	\$31,972	\$19,183
5/1/11 to 4/30/12	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Viola, Ronald	Chemistry, Department of	60				
Co-I	Erhardt, Paul W.	Center for Drug Design and I	40	<b>*</b> 00 <b>7</b> 00	<b>*0</b> 404	<b>*</b> 00.407	<b>*•••••••••••••</b>
S-121470-02-S1	Creating Learning Community for	-		\$20,733	\$9,434	\$30,167	\$30,167
5/16/11 to 8/10/12	National Science Foundation through			t			
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Jorgensen, Andrew D.	Chemistry, Department of Sum of Department (Ch	100	tmont of	ard Count: 0 47		\$1,155,07
		Sull of Department (C	iemistry, Depar	ineni orj Awa	aru Count. <b>3.47</b>		φ1,155,07
	ences, Department of						
C-107389-08	Carbon Flux and Storage in Mixed	Oak Forests of MOFEP		\$40,076	\$0	\$40,076	\$40,07
7/1/10 to 6/30/11	Missouri Department of Conservation	n					
Role	Name	<u>Department</u>	<u>% Credit</u>				
<u>Role</u> PI/PD	<u>Name</u> Chen, Jiquan	<u>Department</u> Environmental Sciences, Der	100				
Role	<u>Name</u> Chen, Jiquan <b>Graduate Teaching Fellows in STE</b>	<u>Department</u> Environmental Sciences, Der <b>M High School Education: An E</b>	100 nvironmental	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04	<u>Name</u> Chen, Jiquan Graduate Teaching Fellows in STE Science Learning Community at th	<u>Department</u> Environmental Sciences, Der <b>M High School Education: An E</b>	100 nvironmental	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04 7/1/11 to 6/30/12	<u>Name</u> Chen, Jiquan Graduate Teaching Fellows in STE Science Learning Community at th National Science Foundation	Department Environmental Sciences, Dep M High School Education: An E he Land-Lake Ecosystem Interfac	100 nvironmental e	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04 7/1/11 to 6/30/12 Role	<u>Name</u> Chen, Jiquan Graduate Teaching Fellows in STE Science Learning Community at th National Science Foundation <u>Name</u>	Department Environmental Sciences, Der M High School Education: An E he Land-Lake Ecosystem Interfac Department	100 nvironmental se <u>% Credit</u>	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04 7/1/11 to 6/30/12 Role PI/PD	<u>Name</u> Chen, Jiquan <b>Graduate Teaching Fellows in STE</b> <b>Science Learning Community at th</b> <i>National Science Foundation</i> <u>Name</u> Stepien, Carol	Department Environmental Sciences, Der M High School Education: An E ne Land-Lake Ecosystem Interfac Department Lake Erie Soil and Water Res	100 nvironmental se <u>% Credit</u> 50	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04 7/1/11 to 6/30/12 Role	<u>Name</u> Chen, Jiquan <b>Graduate Teaching Fellows in STE</b> <b>Science Learning Community at th</b> <i>National Science Foundation</i> <u>Name</u> Stepien, Carol Becker, Richard	Department Environmental Sciences, Der M High School Education: An E he Land-Lake Ecosystem Interfac Department	100 nvironmental se <u>% Credit</u>	\$454,963	\$38,044	\$493,007	\$118,32
Role PI/PD C-120071-04 7/1/11 to 6/30/12 Role PI/PD Co-I	<u>Name</u> Chen, Jiquan <b>Graduate Teaching Fellows in STE</b> <b>Science Learning Community at th</b> <i>National Science Foundation</i> <u>Name</u> Stepien, Carol	Department Environmental Sciences, Der M High School Education: An E ne Land-Lake Ecosystem Interfac Department Lake Erie Soil and Water Res Environmental Sciences, Der	100 nvironmental se <u>% Credit</u> 50 12	\$454,963	\$38,044	\$493,007	\$118,32
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee	Department Environmental Sciences, Der M High School Education: An E he Land-Lake Ecosystem Interface Department Lake Erie Soil and Water Res Environmental Sciences, Der Lake Erie Soil and Water Res Environmental Sciences, Der Civil Engineering, Departmer	100 nvironmental se <u>% Credit</u> 50 12 13		\$38,044		\$118,32
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I	Name         Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee	Department Environmental Sciences, Der M High School Education: An E he Land-Lake Ecosystem Interface Department Lake Erie Soil and Water Res Environmental Sciences, Der Lake Erie Soil and Water Res Environmental Sciences, Der Civil Engineering, Departmer	<u>100</u> nvironmental se <u>% Credit</u> 50 12 13 12 13 12	\$454,963	\$38,044 \$36,000	\$493,007 \$193,041	
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Image: Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee	Department Environmental Sciences, Der M High School Education: An E he Land-Lake Ecosystem Interface Department Lake Erie Soil and Water Res Environmental Sciences, Der Lake Erie Soil and Water Res Environmental Sciences, Der Civil Engineering, Departmer	<u>100</u> nvironmental se <u>% Credit</u> 50 12 13 12 13 12				
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Name	Department Environmental Sciences, Der EM High School Education: An E the Land-Lake Ecosystem Interface Department Lake Erie Soil and Water Res Environmental Sciences, Der Lake Erie Soil and Water Res Environmental Sciences, Der Civil Engineering, Departmer toring (URM) Department	100 nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u>				
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           PI/PD           PI/PD           Co-I           Co-I           Co-I           Co-I           PI/PD	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Sigler, William Von	Department Environmental Sciences, Der         EM High School Education: An Environmental Sciences, Der         Department Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Civil Engineering, Departmer         toring (URM)         Department Environmental Sciences, Der	<u>100</u> nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u> 50				
Role PI/PD           C-120071-04           7/1/11 to 6/30/12           Role PI/PD Co-I Co-I Co-I Co-I           Co-I           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Sigler, William Von         Stepien, Carol	Department Environmental Sciences, Dep         Environmental Sciences, Dep         End Land-Lake Ecosystem Interface         Department Lake Erie Soil and Water Res Environmental Sciences, Dep Lake Erie Soil and Water Res Environmental Sciences, Dep Civil Engineering, Departmer         toring (URM)         Department Environmental Sciences, Dep Lake Erie Soil and Water Res	<u>100</u> nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u> 50 50	\$157,041	\$36,000	\$193,041	\$96,52
Role PI/PD           C-120071-04           7/1/11 to 6/30/12           Role PI/PD Co-I Co-I Co-I Co-I           Co-I           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Sigler, William Von         Stepien, Carol         An Assessment of Aquifer/Well Flow	Department Environmental Sciences, Dep         Environmental Sciences, Dep         Environmental Sciences, Dep         bepartment Lake Erie Soil and Water Res         Environmental Sciences, Dep         Lake Erie Soil and Water Res         Environmental Sciences, Dep         Lake Erie Soil and Water Res         Environmental Sciences, Dep         Civil Engineering, Departmer         toring (URM)         Department Environmental Sciences, Dep         Lake Erie Soil and Water Res         Department         Environmental Sciences, Dep         Department         Environmental Sciences, Dep         Lake Erie Soil and Water Res         Department         Environmental Sciences, Dep         Lake Erie Soil and Water Res         Dynamics: Identification of Pa	100 nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u> 50 50 50 arameters				\$96,52
Role PI/PD           >-120071-04           X/1/11 to 6/30/12           Role PI/PD Co-I Co-I Co-I Co-I           Co-I Co-I           Co-I Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           Co-I           71/11 to 12/31/11           Role PI/PD Co-I           Co-I           Co-I           Co-I	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Sigler, William Von         Stepien, Carol         An Assessment of Aquifer/Well Flor         Key to Passive Sampling and App	Department         Environmental Sciences, Der         EM High School Education: An E         Image: Second Sciences         Department         Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Civil Engineering, Departmer         toring (URM)         Department         Environmental Sciences, Der         Lake Erie Soil and Water Res         Domental Sciences, Der         Civil Engineering, Departmer         toring (URM)         Department         Environmental Sciences, Der         Lake Erie Soil and Water Res         Downhole Sensor Tec	100 nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u> 50 50 50 arameters	\$157,041	\$36,000	\$193,041	\$96,52
Role           PI/PD           C-120071-04           7/1/11 to 6/30/12           Role           PI/PD           Co-I           Co-I           Co-I           Co-I           Co-I           PI/PD           PI/PD           Co-I           Co-I           Co-I           Co-I           PI/PD	Name Chen, Jiquan         Graduate Teaching Fellows in STE         Science Learning Community at the National Science Foundation         Name         Stepien, Carol         Becker, Richard         Bridgeman, Thomas B.         Fisher, Timothy G.         Gruden, Cyndee         Undergraduate Research and Men         Name         Sigler, William Von         Stepien, Carol         An Assessment of Aquifer/Well Flow	Department         Environmental Sciences, Der         EM High School Education: An E         Image: Second Sciences         Department         Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Lake Erie Soil and Water Res         Environmental Sciences, Der         Civil Engineering, Departmer         toring (URM)         Department         Environmental Sciences, Der         Lake Erie Soil and Water Res         Domental Sciences, Der         Civil Engineering, Departmer         toring (URM)         Department         Environmental Sciences, Der         Lake Erie Soil and Water Res         Downhole Sensor Tec	100 nvironmental se <u>% Credit</u> 50 12 13 12 13 12 13 <u>% Credit</u> 50 50 50 arameters	\$157,041	\$36,000	\$193,041	\$118,322 \$96,521 \$30,000

	ces & Mathematics, Colle	5		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Environmental Scie C-120903-03 5/20/09 to 5/19/12	nces, Department of Interactive Changes of Ecosystem From Coupled Regulations of Lan National Aeronautics and Space Add	d Use and Changing Climate to A		\$78,744	\$34,647	\$113,391	\$113,39 <sup>-</sup>
Role PI/PD	Name Chen, Jiguan	Department Environmental Sciences, Dep	<u>% Credit</u> 100				
C-121358-02	Biofuels from Algae	· · ·		\$85,548	\$15,500	\$101,048	\$50,524
8/1/10 to 9/13/11	Wright-Patterson Air Force Base thr	ough Center for Innovative Food Te	chnology				
<u>Role</u> PI/PD Co-I	<u>Name</u> Bridgeman, Thomas B. Heckathorn, Scott Alan	Department Lake Erie Soil and Water Re: Environmental Sciences, Dep	<u>% Credit</u> 50 50				
<b>C-121468-02</b> 2/10/10 to 2/9/12	<b>Direct Assessment Using Cluster</b> U.S. Department of Energy through		\$95,814	\$33,538	\$129,352	\$129,352	
Role PI/PD	<u>Name</u> Chen, Jiquan	<u>Department</u> Environmental Sciences, Der	<u>% Credit</u> 100				
N-120164-01 9/1/10 to 8/31/11	Forecasting Spread and Bioecond Multiple Pathways to Improve Man National Oceanic and Atmospheric A	nagement and Policy in the Great	Lakes	\$66,389	\$30,207	\$96,596	\$96,590
Role PI/PD	<u>Name</u> Bossenbroek, Jonathan	Department Environmental Sciences, Dep	<u>% Credit</u> 100				
N-120978-01-A1 9/1/10 to 8/31/12	Testing Multiple Hypotheses of Co Twig-nesting Ants National Science Foundation	ommunity Assembly Using a Trop	ical Insect:	\$136,150	\$61,975	\$198,125	\$198,12
Role PI/PD	<u>Name</u> Philpott, Stacy M.	<u>Department</u> Environmental Sciences, Dep	<u>% Credit</u> 100				
<b>N-121163-01-A1</b> 8/15/10 to 7/31/13	Environmental Sensor System for National Science Foundation	the Lake Erie Center		\$350,000	\$0	\$350,000	\$140,000
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Stepien, Carol Becker, Richard Bridgeman, Thomas B. Chen, Jiquan Czajkowski, Kevin Paul	Department Lake Erie Soil and Water Res Environmental Sciences, Dep Lake Erie Soil and Water Res Environmental Sciences, Dep Geography and Planning, De	<u>% Credit</u> 20 20 20 20 20 20				

Natural Scien	ces & Mathematics, College	e of		Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
<b>Environmental Scie</b>	ences, Department of						
N-121486-01	A Path Toward an Environmentally S and Monitoring	Secure Future through Ecosyst	em Science	\$3,639,152	\$0	\$3,639,152	
7/15/10 to 6/30/13	National Science Foundation						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Martin, Geoffrey K.	Administration, Unspecified	100				
Co-I	Anderson, Jared L.	Chemistry, Department of					
Co-I	Chen, Jiquan	Environmental Sciences, Der					
Co-I	Gottgens, Johan F.	Environmental Sciences, Dep					
Co-I	Kirchhoff, Jon R.	Chemistry, Department of					
N-121786-01	Monitoring Agricultural Sewage Slue	dge, 2010		\$365,040	\$102,960	\$468,000	\$131,040
7/1/10 to 6/30/13	U.S. Department of Agriculture						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	37				
Co-I	Akbar-Khanzadeh, Farhang	Public Hith/Homeland Securi	13				
Co-I	Fink, Brian N.	Public Hlth/Homeland Securi	0				
Co-I	Khuder, Sadik	Medicine, Department of	0				
Co-l	Kumar, Ashok	Civil Engineering, Departmer	9				
Co-I	Milz, Sheryl A.	Public Hlth/Homeland Securi	13				
Co-I	Sigler, William Von	Environmental Sciences, Der	14				
Co-l	Spongberg, Alison L.	Environmental Sciences, Der	14	<b>*</b> (5.00)	AT 107	<b>*</b> ~~ <b>T</b> ~ (	<u> </u>
N-121797-01	The Lake Erie Nearshore and Offsho	• • • •		\$15,664	\$7,127	\$22,791	\$11,396
4/1/10 to 3/31/11	U.S. Environmental Protection Agency	through Buffalo State College					
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Mayer, Christine Marie	Environmental Sciences, Der	50				
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Re:	50				
N-121810-01	Prevention of Surface Water Contan	nination from Biosolids Applica	ation	\$378,164	\$172,064	\$550,228	\$379,657
9/30/10 to 6/30/12	U.S. Environmental Protection Agency			_			
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	31				
Co-I	Dwyer, Daryl	Environmental Sciences, Der	23				
Co-I	Sigler, William Von	Environmental Sciences, Der	20				
Co-I	Spongberg, Alison L.	Environmental Sciences, Dep	26				
N-121827-01	Genetic Detection & Geographic Ana	alysis of Great Lakes Fish Infe	ction by Viral	\$365,040	\$102,960	\$468,000	\$46,800
	Hemorrhagic Septicemia (VHS)						
8/1/10 to 7/30/12	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Der	10				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	10				
Co-l	Willey, James	Medicine, Department of	30				

Natural Science	ces & Mathematics, Colleg	ge of		Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> Credit
Environmental Scie	nces, Department of						
N-121963-01	Ecosystem Responses and Socie			\$71,660	\$26,240	\$97,900	\$97,900
0/4/40 1= 5/04/40	Climate Change: A New Initiative		IS				
6/1/10 to 5/31/12	National Oceanic and Atmospheric A	_					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Chen, Jiquan	Environmental Sciences, Der	40				
Co-I	Becker, Richard	Environmental Sciences, Der	20				
Co-I	Czajkowski, Kevin Paul	Environmental Sciences, Der	20				
Co-I	Gottgens, Johan F.	Environmental Sciences, Der	20		44.44	•·· • • · ·	<b>•</b> • • <b>•</b> • •
N-121974-01	Conservation of Native Freshwate	r Mussel Refuges in Great Lakes	Coastal	\$18,585	\$929	\$19,514	\$19,514
40/4/40 1= 0/00/40	Zones						
10/1/10 to 9/30/13	U.S. Department of the Interior throu	ž – – – – – – – – – – – – – – – – – – –					
Role	Name	Department	<u>% Credit</u>				
PI/PD	Bossenbroek, Jonathan	Environmental Sciences, Der	100				
N-121998-01	Climate Change Education: Enga	ging Teachers and Students and	Correcting	\$255,763	\$121,487	\$377,250	\$64,133
	Misperceptions using NASA data						
11/1/10 to 10/31/13	National Aeronautics and Space Ad	ninistration					
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Czajkowski, Kevin Paul	Geography and Planning, De	39				
Co-l	Apul, Defne	Civil Engineering, Departmer	11				
Co-I	Becker, Richard	Environmental Sciences, Der	17				
Co-I	Bjorkman, Karen B.	Physics and Astronomy, Dep	22				
Co-I	Egan, Kevin	Economics, Department of	11				
Co-I	Khare, Sanjay Lawrence, Patrick L.	Physics and Astronomy, Dep Geography and Planning, De	0 0				
Co-l Co-l	Nemeth, David J.	Geography and Planning, De	0				
N-122052-01	2010 Lake Erie Water Study	Geography and Flamming, De	0	\$34,365	\$15,635	\$50,000	\$25,000
	-	l laiversity of Cincinneti		φ <b>5</b> <del>4</del> ,505	φ15,055	φ50,000	φ25,000
2/1/09 to 8/31/10	U.S. Department of Defense through	_	a/ <b>a</b>				
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Bridgeman, Thomas B.	Environmental Sciences, Der	50				
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	50		<b>*</b> •	<b>*</b> /~~~~~	
N-122054-01	Prevalence and Behavior of MRSA	on Synthetic Turfgrass Systems	5	\$100,000	\$0	\$100,000	\$100,000
1/1/11 to 6/30/12	NFL Charities						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sigler, William Von	Environmental Sciences, Der	100				
N-122121-01	Nearshore Fish Sampling Program	n Development		\$155,483	\$9,017	\$164,500	\$82,250
12/17/10 to 6/30/11	U.S. Environmental Protection Agen	cy through Ohio Department of Nat	tural Resources				
Role	Name	Department	% Credit				
PI/PD	Mayer, Christine Marie	Environmental Sciences, Der	<u>50</u>				
PI/PD	Mayer, Christine Marie	Lake Erie Soil and Water Res	50				

	ces & Mathematics, Coll			Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Invironmental Scie	nces, Department of						
N-122132-01	Resources, Assateague Island N	he Potential Effects of Sea-Level Ri lational Seashore	ise on Natural	\$14,848	\$2,598	\$17,446	\$17,446
8/23/10 to 9/30/11	U.S. Geological Survey						
Role PI/PD	<u>Name</u> Krantz, David E.	<u>Department</u> Environmental Sciences, Der	<u>% Credit</u> 100				
N-122338-01	A Holistic Watershed Approach		100	\$88,700	\$40,359	\$129,059	\$129,059
4/1/11 to 3/31/13		ency through Cuyahoga County Board	d of Health	<i><b>Q</b>(<b>Q</b>), <b>Q</b>(<b>Q</b>), <b>Q</b>), <b>Q</b>(<b>Q</b>), <b>Q</b>(<b>Q</b>))</i>	<i><b></b></i>	<i><b>↓</b>120,000</i>	<b>•</b> · <b>_0</b> ,000
Role PI/PD Co-I	<u>Name</u> Sigler, William Von Becker, Richard	Department Environmental Sciences, Dep Environmental Sciences, Dep	<u>% Credit</u> 90 10				
N-122339-01	Surficial Geology Map of the De			\$4,798	\$864	\$5,662	\$5,662
5/1/11 to 4/30/12	U.S. Geological Survey	-					
<u>Role</u> PI/PD Co-I	<u>Name</u> Fisher, Timothy G. Stierman, Donald J.	<u>Department</u> Environmental Sciences, Der Environmental Sciences, Der	<u>% Credit</u> 75 25				
N-122452-01	<b>Diversity of Microcystis Across</b>	Trophic Gradients		\$11,764	\$1,176	\$12,940	\$6,470
3/30/11 to 5/31/12	Ohio Lake Erie Commission						
<u>Role</u> PI/PD PI/PD	<u>Name</u> Bridgeman, Thomas B. Bridgeman, Thomas B.	<u>Department</u> Environmental Sciences, Der Lake Erie Soil and Water Re:	<u>% Credit</u> 50 50				
N-122624-01	Bay State Park, Ohio	n indicators in Recreational Waters		\$10,901	\$4,960	\$15,861	\$15,861
6/14/11 to 9/30/11	U.S. Environmental Protection Age	ency through Ohio Department of Hea					
Role PI/PD	<u>Name</u> Dwyer, Daryl	<u>Department</u> Environmental Sciences, Der	<u>% Credit</u> 100				
N-122719-01	GIS Mapping of Jeep Plant Neig			\$1,020	\$102	\$1,122	\$1,122
5/10/11 to 6/5/11	Vita Nuova LLC						. ,
<u>Role</u> PI/PD	<u>Name</u> Krause, Ann E.	Department Environmental Sciences, Der	<u>% Credit</u> 100				
S-120903-02-S1	Interactive Changes of Ecosyste From Coupled Regulations of La	ems and Societies on the Mongolia and Use and Changing Climate to A		\$30,500	\$0	\$30,500	\$30,500
9/1/10 to 5/19/12	National Aeronautics and Space A		04 <b>0</b> 14				
<u>Role</u> PI/PD	<u>Name</u> Chen, Jiquan	<u>Department</u> Environmental Sciences, Der	<u>% Credit</u> 100				
S-120978-01-S1		Community Assembly Using a Trop	oical Insect:	\$6,452	\$1,275	\$7,727	\$7,727
9/1/10 to 8/31/12	Twig-nesting Ants National Science Foundation						
<u>Role</u> PI/PD	<u>Name</u> Philpott, Stacy M.	<u>Department</u> Environmental Sciences, Der	<u>% Credit</u> 100				

Environmental Sci	ences, Department of						
S-121468-02-S1	Direct Assessment Using Cluste	r Eddy-Covariance Towers		\$11,336	\$2,947	\$14,283	\$14,283
5/1/11 to 4/30/12	U.S. Department of Energy throug	•		. ,	. ,	. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Chen, Jiquan	Environmental Sciences, Dep	100				
		Sum of Department (Environment	al Sciences, De	partment Awar	d Count: 21.88		\$2,198,725
Lake Erie Soil and	Water Research and Education Ce	nter					
C-120033-03	Structure: A High-Resolution Da	of Walleye and Yellow Perch Genet ata Base for Fishery Management	(Part II)	\$41,667	\$18,333	\$60,000	\$60,000
2/1/08 to 1/31/12	Foundation	c Administration through Ohio State L	Iniversity Resea	rcn			
Role	Name	<u>Department</u>	% Credit				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	100				
C-120071-04	•	TEM High School Education: An E		\$454,963	\$38,044	\$493,007	\$310,594
7/1/11 to 6/30/12	National Science Foundation	the Land-Lake Ecosystem Interfac	e				
Role	Name	Department	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-l	Becker, Richard	Environmental Sciences, Der	12				
Co-l	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	13				
Co-I	Fisher, Timothy G.	Environmental Sciences, Dep	12				
Co-I	Gruden, Cyndee	Civil Engineering, Departmer	13				
C-120433-02	Undergraduate Research and Me	entoring (URM)		\$157,041	\$36,000	\$193,041	\$96,521
1/1/11 to 12/31/11	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sigler, William Von	Environmental Sciences, Der	50				
Co-I	Stepien, Carol	Lake Erie Soil and Water Re	50				
C-121358-02	Biofuels from Algae			\$85,548	\$15,500	\$101,048	\$50,524
8/1/10 to 9/13/11	Wright-Patterson Air Force Base th	hrough Center for Innovative Food Te	echnology				
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	50				
Co-I	Heckathorn, Scott Alan	Environmental Sciences, Dep	50				
C-121388-02	VHS Yellow Perch Aquaculture A			\$162,927	\$0	\$162,927	\$55,395
7/1/10 to 6/30/12	U.S. Department of Agriculture thr	ough University of Wisconsin-Milwau					
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	34				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	33				
Co-I	Willey, James	Medicine, Department of	33				

_ake Erie Soil and V	Vater Research and Education Cent	ter					
N-121163-01-A1	Environmental Sensor System for	the Lake Erie Center		\$350,000	\$0	\$350,000	\$140,000
8/15/10 to 7/31/13	National Science Foundation						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Re:	20				
Co-I	Becker, Richard	Environmental Sciences, Der	20				
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	20				
Co-I	Chen, Jiquan	Environmental Sciences, Dep	20				
Co-I	Czajkowski, Kevin Paul	Geography and Planning, De	20				
N-121312-01	<b>Development and Implementation</b>	of a New Molecular Test for Activ	/e VHS	\$41,237	\$18,763	\$60,000	\$30,000
	Infection in Fish						
2/1/11 to 1/31/12	National Oceanic and Atmospheric A	Administration through Ohio State U	niversity				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-I	Willey, James	Pathology, Department of	50				
N-121797-01	The Lake Erie Nearshore and Offs	hore Nutrient Study (LENONS)		\$15,664	\$7,127	\$22,791	\$11,396
4/1/10 to 3/31/11	U.S. Environmental Protection Agen	cy through Buffalo State College					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Mayer, Christine Marie	Environmental Sciences, Dep	50				
Co-I	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	50				
N-121827-01	Genetic Detection & Geographic A	Analysis of Great Lakes Fish Infec	tion by Viral	\$365,040	\$102,960	\$468,000	\$234,000
	Hemorrhagic Septicemia (VHS)						
8/1/10 to 7/30/12	U.S. Department of Agriculture						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	50				
Co-I	Bossenbroek, Jonathan	Environmental Sciences, Dep	10				
Co-I	Leaman, Douglas W.	Biological Sciences, Departm	10				
Co-I	Willey, James	Medicine, Department of	30				
N-121927-01	Knauss Fellowship			\$46,000	\$0	\$46,000	\$46,000
2/1/11 to 1/31/12	National Oceanic and Atmospheric A	Administration through Ohio State U	Iniversity				
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stepien, Carol	Lake Erie Soil and Water Res	100				
N-121945-01	<b>Extreme Events Impacts on Water</b>	Quality in the Great Lakes: Pred	liction and	\$64,796	\$20,382	\$85,178	\$85,178
	Management of Nutrient Loading	in a Changing Climate					
10/3/10 to 12/31/11	National Science Foundation throug	h University of Michigan					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Bridgeman, Thomas B.	Lake Erie Soil and Water Res	100				

Direct Cost

Indirect Cost

**Total Award** 

latural Scien	ces & Mathematics, Colle	ege of		Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
ake Erie Soil and \	Water Research and Education Cer	nter					
N-122052-01	2010 Lake Erie Water Study			\$34,365	\$15,635	\$50,000	\$25,00
2/1/09 to 8/31/10	U.S. Department of Defense throug	h University of Cincinnati					
Role PI/PD PI/PD	<u>Name</u> Bridgeman, Thomas B. Bridgeman, Thomas B.	<u>Department</u> Environmental Sciences, Der Lake Erie Soil and Water Res	<u>% Credit</u> 50 50				
N-122121-01	Nearshore Fish Sampling Progra			\$155,483	\$9,017	\$164,500	\$82,2
2/17/10 to 6/30/11		ncy through Ohio Department of Nati	ural Resources	<b>4</b> 100,100	<b>+-</b> , <b>-</b>	<i><b>•</b> • • • •,• • • •</i>	<i> </i>
Role PI/PD PI/PD	<u>Name</u> Mayer, Christine Marie Mayer, Christine Marie	Department Environmental Sciences, Dep Lake Erie Soil and Water Res	<u>% Credit</u> 50 50				
N-122350-01	Legal Tools and Best Practices for	or Reducing Harmful Algae Blooms	5	\$23,796	\$10,827	\$34,623	\$6,9
1/1/11 to 1/31/12	National Oceanic and Atmospheric	Administration through National Sea	Grant Law Cer	nter			
Role PI/PD Co-I	<u>Name</u> Kilbert, Kenneth K. Stepien, Carol	<u>Department</u> Law, College of Lake Erie Soil and Water Re:	<u>% Credit</u> 80 20				
<b>N-122352-01</b> 6/1/11 to 5/31/13	DISSERTATION RESEARCH: Phy Genetic Diversity of the VHS Fish National Science Foundation	vlogenetic Relationships, Biogeog n Virus	raphy and	\$15,000	\$0	\$15,000	\$15,0
<u>Role</u> PI/PD	<u>Name</u> Stepien, Carol	<u>Department</u> Lake Erie Soil and Water Re	<u>% Credit</u> 100				
N-122452-01	Diversity of Microcystis Across T	rophic Gradients		\$11,764	\$1,176	\$12,940	\$6,4
3/30/11 to 5/31/12	Ohio Lake Erie Commission						
Role PI/PD PI/PD	<u>Name</u> Bridgeman, Thomas B. Bridgeman, Thomas B.	<u>Department</u> Environmental Sciences, Der Lake Erie Soil and Water Res	<u>% Credit</u> 50 50				
		um of Department (Lake Erie Soil a	nd Water Reso	earch and Awa	ard Count: 9.57		\$1,255,2
athematics, Depa				¢45.004	¢7 407	¢00 700	¢00.7
<b>N-122207-01</b> 3/1/11 to 2/29/12	Semiparametric Missing Data An National Security Agency	aiysis		\$15,621	\$7,107	\$22,728	\$22,72
5/1/11 10 2/29/12	Name	Department	0/ Credit				
Dele	INAME	Department	<u>% Credit</u> 100				
Role		Mathematics Department of					
PI/PD	Zhang, Biao	Mathematics, Department of	100	\$234 878	\$15 122	\$250,000	\$85.0
PI/PD R-121833-02	Zhang, Biao The Woodward MSP Partnership		100	\$234,878	\$15,122	\$250,000	\$85,0
PI/PD R-121833-02 7/1/10 to 6/30/11	Zhang, Biao The Woodward MSP Partnership U.S. Department of Education throu	ugh Ohio Department of Education		\$234,878	\$15,122	\$250,000	\$85,0
PI/PD R-121833-02 7/1/10 to 6/30/11 Role	Zhang, Biao <b>The Woodward MSP Partnership</b> <i>U.S. Department of Education throu</i> <u>Name</u>	ugh Ohio Department of Education	<u>% Credit</u>	\$234,878	\$15,122	\$250,000	\$85,0
PI/PD <b>R-121833-02</b> 7/1/10 to 6/30/11	Zhang, Biao The Woodward MSP Partnership U.S. Department of Education throu	ugh Ohio Department of Education		\$234,878	\$15,122	\$250,000	\$85,0

Natural Sciences & Mathematics, College of

			Dept Award
Direct Cost	Indirect Cost	Total Award	<u>Credit</u>

Physics and Astror	nomy, Department of						
C-109019-04	Quantum Theory of Two-atom, Few	-atom, and Many-atom Systems	;	\$34,722	\$15,278	\$50,000	\$50,000
9/1/10 to 8/31/11	National Science Foundation						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Gao, Bo	Physics and Astronomy, Dep	100				
C-110005-05	REU Site: Research Experiences f	or Undergraduates in Physics a	nd Astronomy	\$81,000	\$10,000	\$91,000	\$91,000
	at The University of Toledo						
5/1/11 to 4/30/12	National Science Foundation						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Irving, Richard E.	Physics and Astronomy, Dep	60				
Co-I	Kvale, Thomas J.	Physics and Astronomy, Dep	40				
C-120232-03	Improved CdTe PV Modules by AP	/D		\$266,472	\$77,407	\$343,879	\$309,491
7/1/10 to 12/31/11	U.S. Department of Energy						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Collins, Robert W.	Physics and Astronomy, Dep	40				
Co-I	Compaan, Alvin D.	Physics and Astronomy, Dep	40				
Co-I	Giolando, Dean M.	Chemistry, Department of	10				
Co-I	Marsillac, Sylvain	Physics and Astronomy, Dep	10				
C-120233-03	Key Insights on Nearby Galaxies:	A Far-Infrared Survey with Herse	chel	\$85,120	\$37,453	\$122,573	\$122,573
10/1/10 to 12/31/11	Jet Propulsion Laboratory						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Smith, John-David T.	Physics and Astronomy, Dep	100				
C-120253-03	Herschel Orion Protostar Survey (H	IOPS)		\$38,919	\$17,124	\$56,043	\$56,043
1/1/11 to 12/31/11	Jet Propulsion Laboratory						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Dep	100				
C-120487-02	CdSe Devices 2			\$31,250	\$13,750	\$45,000	\$45,000
8/1/08 to 3/15/11	Air Force Research Lab-Kirtland throu	ugh Ascent Solar					
Role	Name	<u>Department</u>	% Credit				
PI/PD	Wieland, Kristopher	Physics and Astronomy, Dep	100				
C-120498-03	High-Rate Fabrication of a-Si-Base	d Thin-Film Solar Cells Using La	arge-Area	\$339,336	\$149,308	\$488,644	\$488,644
	VHF PECVD Technologies	-	•				
7/1/10 to 12/31/11	U.S. Department of Energy						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Deng, Xunming	Physics and Astronomy, Dep	65				
Co-I	Collins, Robert W.	Physics and Astronomy, Dep	20				
Co-I	Khare, Sanjay	Physics and Astronomy, Dep	15				

			Dept Award
Direct Cost	Indirect Cost	Total Award	Credit

C-120505-02	nomy, Department of	ariuad Eilma		¢407.450	¢60 640	¢200.000	¢200.000
	Recrystallization of Liquid Silane D			\$137,458	\$62,542	\$200,000	\$200,000
7/1/09 to 6/30/12	U.S. Department of Energy through N						
Role	Name	Department	<u>% Credit</u>				
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Dep	20				
PI/PD	Heben, Michael J.	Physics and Astronomy, Dep	40				
Co-I	Collins, Robert W.	Physics and Astronomy, Dep	40	<u> </u>	<b>*</b> 50.400	*407.040	\$407 044
C-121402-02	SP-902			\$128,550	\$58,490	\$187,040	\$187,040
7/9/09 to 12/3/10	Solar Spectrum LLC						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Stevens, Norman	Physics and Astronomy, Dep	100				
C-121522-02	Simulating Non-equilibrium Proces		ength-scales	\$76,389	\$33,611	\$110,000	\$110,00
	Using Parallel Accelerated Dynamic	cs					
9/1/10 to 8/31/11	National Science Foundation						
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Amar, Jacques G.	Physics and Astronomy, Dep	100				
N-120253-01	Herschel Orion Protostar Survey (H	IOPS)		\$56,043	\$0	\$56,043	\$56,043
4/20/09 to 12/31/09	Jet Propulsion Laboratory						
Role	Name	Department	% Credit				
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Dep	100				
N-121359-03	The Transition from Diffuse Molecu	lar Clouds to Dark Clouds Thro	ugh	\$49,157	\$22,367	\$71,524	\$71,524
	Ultraviolet CO Measurements		U				
1/1/10 to 12/31/12	National Aeronautics and Space Adm	inistration					
Role	Name	Department	% Credit				
PI/PD	Federman, Steven R.	Physics and Astronomy, Dep	100				
N-121645-01	The CepOB3b Young Cluster: A Ne	w Laboratory for Studying the R	ole of	\$273,031	\$109,819	\$382,850	\$382,85
	Environment	, , , ,		. ,	. ,	. ,	. ,
10/1/10 to 9/30/14	National Science Foundation						
Role	Name	Department	% Credit				
PI/PD	Megeath, Samuel Thomas	Physics and Astronomy, Dep	100				
N-121678-01	Interfacial Assembly of Nanopartic	es and Their Interactions		\$288,659	\$131,341	\$420,000	\$210,000
9/1/10 to 8/31/13	National Science Foundation			. ,	. ,	. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Bigioni, Terry P.	Chemistry, Department of	50				
,	Amar, Jacques G.	Physics and Astronomy, Dep	50				

Natural Science	ces & Mathematics, Colleg	ge of		Direct Cost	Indirect Cost	Total Award	Dept Award Credit
Physics and Astron	omy, Department of						
N-121998-01	Climate Change Education: Enga Misperceptions using NASA data National Aeronautics and Space Adr		Correcting	\$255,763	\$121,487	\$377,250	\$82,99
Role PI/PD Co-I Co-I Co-I Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Czajkowski, Kevin Paul Apul, Defne Becker, Richard Bjorkman, Karen B. Egan, Kevin Khare, Sanjay Lawrence, Patrick L. Nemeth, David J.	Department Geography and Planning, De Civil Engineering, Departmer Environmental Sciences, Dep Physics and Astronomy, Dep Economics, Department of Physics and Astronomy, Dep Geography and Planning, De Geography and Planning, De	<u>% Credit</u> 39 11 17 22 11 0 0 0				
N-122118-01	Contribution of Massive Stars to t		e Elements	\$47,935	\$21,810	\$69,745	\$69,74
11/1/10 to 10/31/11	Space Telescope Science Institute						
Role PI/PD	<u>Name</u> Federman, Steven R.	<u>Department</u> Physics and Astronomy, Dep	<u>% Credit</u> 100				
N-122203-01	Advanced Photovoltaic Array Test		100	\$425,024	\$0	\$425,024	\$425,024
6/15/10 to 3/14/12	NASA John H. Glenn Research Cen	•		•,	÷-	<b>•</b> · <b>- •</b> ,• <b>-</b> ·	<i>•</i> · <i>- •</i> , • <i>-</i>
Role PI/PD Co-I Co-I	<u>Name</u> Heben, Michael J. Collins, Robert W. Ellingson, Randall J.	<u>Department</u> Physics and Astronomy, Dep Physics and Astronomy, Dep Physics and Astronomy, Dep	<u>% Credit</u> 34 33 33				
N-122206-01	Variable Massive YSOs in the Mag	ellanic Clouds		\$26,942	\$12,258	\$39,200	\$39,20
8/19/10 to 9/30/13	Jet Propulsion Laboratory						
<u>Role</u> PI/PD	<u>Name</u> Vijh, Uma P.	<u>Department</u> Physics and Astronomy, Dep	<u>% Credit</u> 100				
N-122248-01	3D Multi-Scale Modeling of Thin Fi	Im Photovoltaics		\$205,893	\$93,681	\$299,574	\$299,574
3/1/11 to 2/28/14	National Science Foundation						
Role PI/PD	Name Karrow Vistor C	Department	<u>% Credit</u>				
N-122296-01	Karpov, Victor G. Lightweight Flexible Solar Cells	Physics and Astronomy, Dep	100	\$2,128,108	\$469,218	\$2,597,326	\$2,467,46
	Air Force Research Laboratory/VA			φΖ,120,100	<b>\$409,210</b>	φ <b>2,</b> 397,320	φ <b>2,407,40</b>
Role PI/PD Co-I Co-I Co-I Co-I Co-I	<u>Name</u> Collins, Robert W. Amar, Jacques G. Bigioni, Terry P. Ellingson, Randall J. Heben, Michael J. Khare, Sanjay	Department Physics and Astronomy, Dep Physics and Astronomy, Dep Chemistry, Department of Physics and Astronomy, Dep Physics and Astronomy, Dep Physics and Astronomy, Dep	<u>% Credit</u> 29 5 5 28 28 28 5				

Dept Award

Physics and Astron	omy, Department of			Direct Cos	t Indirect Cost	Total Award	<u>Credit</u>
N-122481-01	CIGS Deposition			\$26,117	\$11,883	\$38,000	\$38,00
1/17/11 to 12/31/11	Nippon Electric Glass						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Collins, Robert W.	Physics and Astronomy, Dep	100				
N-122501-01	Phase 3 - Development of Advance	d CdTe/Cd Solar Cell		\$103,093	\$46,907	\$150,000	\$150,00
1/1/11 to 12/31/11	Solar Spectrum LLC						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Dep	100				
Co-l	Heben, Michael J.	Physics and Astronomy, Dep	0	<u> </u>	<b>*•••••••••••••</b>	¢400.000	¢400.00
N-122586-01	Herschel OT1 Combined: Beyond t NGC 891	ne Peak; water in		\$68,729	\$31,271	\$100,000	\$100,00
2/23/11 to 6/30/12	Jet Propulsion Laboratory						
Role	Name	Department	% Credit				
PI/PD	Smith, John-David T.	Physics and Astronomy, Dep	100				
<b>N-122807-01</b>	Spitzer Space Telescope Combined Wide-Field Survey for Low Mass St Jet Propulsion Laboratory		hation; A	\$41,237	\$41,237	\$82,474	\$82,47
<u>Role</u> PI/PD	<u>Name</u> Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Dep	<u>% Credit</u> 100				
<b>N-122809-01</b> 2/23/11 to 12/31/13	Herschel Space Observatory Comb O; A Deeper Look; Probing the Jet Propulsion Laboratory		y of Class	\$39,802	\$18,110	\$57,912	\$57,91
Role PI/PD	<u>Name</u> Megeath, Samuel Thomas	<u>Department</u> Physics and Astronomy, Dep	<u>% Credit</u> 100				
S-120852-02-S2	Novel Nanocrystal-Based Solar Cel			\$60,313	\$26,537	\$86,850	\$86,85
2/20/09 to 9/30/11	U.S. Department of Energy through N			• • •	• • • • •	• ,	· · · / · ·
Role	Name	Department	% Credit				
PI/PD	Ellingson, Randall J.	Physics and Astronomy, Dep	100				
		m of Department (Physics and A	stronomy, Dep	artment o A	ward Count: 24.57		\$6,279,44
		Sum of College (Natural Sciences	& Mathematic	s, College A	ward Count: 75.26	\$	12,819,41
	we of					<u>]</u>	Dept Awar
lursing, Colle				Direct Cos	t Indirect Cost	<u>Total Award</u>	<u>Credit</u>

Nursing, College of

Nursing, Colle	eae of			Direct Cost	Indirect Cost	[ Total Award	<u>Dept Awarc</u> Credit
Nursing, College of	•			Direct Cost	Indirect Cost	<u>Iotal Awaru</u>	
N-101128-01	A 12-Month Open-Label, Multicer Dose of a New Modified-Release 99 Xanodyne Pharmaceutical Inc.		of a 1.3g Oral	\$0	\$0	\$0	
Role	Name	Department	<u>% Credit</u>				
PI/PD Co-I Co-I	Horrigan, Terrence J. Lamp, Judith Mehelas, Thomas	Obstetrics & Gynecology, De Nursing, College of Surgery, Department of	100				
Co-l	Wolf, Lynda	Obstetrics & Gynecology, De		<u> </u>	<b>*</b> 0	¢ 44, 400	¢ 4 4 4 0
<b>R-100121-11</b> 7/1/10 to 6/30/11	University of Toledo Advanced E Nursing Shortage Bureau of Health Professions	ducation traineesnips: An Ansi	wer to the	\$41,482	\$0	\$41,482	\$41,48
Role	Name	Department	% Credit				
PI/PD	Phillips, Kelly A.	Nursing, College of	100				
R-121020-02	Nurse Faculty Loan Program			\$28,265	\$0	\$28,265	\$28,26
7/1/10 to 6/30/11	Health Resources & Services Adm	inistration					
Role PI/PD	<u>Name</u> Phillips, Kelly A.	<u>Department</u> Nursing, College of	<u>% Credit</u> 100				
S-121020-02-S1	Nurse Faculty Loan Program			\$12,661	\$0	\$12,661	\$12,66
7/1/10 to 6/30/11	Health Resources & Services Adm	inistration					
Role PI/PD	<u>Name</u> Phillips, Kelly A.	<u>Department</u> Nursing, College of	<u>% Credit</u> 100				
		Sum of Depart	ment (Nursing, C	ollege of) Awa	ard Count: 3.00		\$82,40
		Sum of Co	ollege ( <b>Nursing, C</b>	ollege of) Awa	ard Count: <b>3.00</b>		\$82,40
Other				Direct Cost	Indirect Cost	<u>]</u> Total Award	<u>Dept Awar</u> Credit
dministration, Un	specified						
N-121486-01	A Path Toward an Environmenta and Monitoring	Ily Secure Future through Ecosy	stem Science	\$3,639,152	\$0	\$3,639,152	\$3,639,15
7/15/10 to 6/30/13	National Science Foundation						
Role PI/PD Co-I Co-I Co-I Co-I	<u>Name</u> Martin, Geoffrey K. Anderson, Jared L. Chen, Jiquan Gottgens, Johan F. Kirchhoff, Jon R.	Department Administration, Unspecified Chemistry, Department of Environmental Sciences, Dep Environmental Sciences, Dep Chemistry, Department of	<u>% Credit</u> 100				
·		Sum of Department (Ad	Iministration, Uns	specified) Awa	ard Count: 1.00		\$3,639,15

Other						<u> </u>	Dept Award
Other				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Division of Student							
N-122205-01	BUZZKILL: Serve Under 21 and the	e Party's Over		\$2,000	\$500	\$2,500	\$1,225
10/1/10 to 5/31/11	Ohio Department of Alcohol and Drug	g Addiction Services					
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Glassman, Tavis J.	Health and Recreation Profes	51				
Co-l	Blavos, Alexis A.	Division of Student Affairs	49				
		Sum of Department (Div	vision of Stude	nt Affairs) Awar	d Count: <b>0.49</b>		\$1,225
Intermodal Transpo	ortation Institute						
C-109880-05	Transportation for Economic Secu	rity and Development		\$379,016	\$83,884	\$462,900	\$462,900
7/1/10 to 6/30/12	U.S. Department of Transportation						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Martinko, Richard S.	Intermodal Transportation Ins	100				
S-121554-01	Ice Prevention or Removal on the V	/eteran's Glass City Skyway Cab	oles- Icing	\$39,807	\$2,147	\$41,954	\$0
	Dashboard Supplement						
1/1/11 to 6/7/11	Ohio Department of Transportation						
<u>Role</u>	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Nims, Douglas K.	Civil Engineering, Departmer	100				
Co-PI	Martinko, Richard S.	Intermodal Transportation Ins	0		**		
S-121658-01-S2	Veteran's Glass City Skyway Solar	Array Performance Evaluation		\$186,545	\$0	\$186,545	\$186,545
3/7/10 to 6/30/12	Ohio Department of Transportation						
Role	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Martinko, Richard S. Stuart, Thomas A.	Intermodal Transportation Ins	100 0				
Co-I	Stuart, Momas A.	Electrical Engineering and Co	ç				<u> </u>
		Sum of Department (Intermodal	Transportation	<b>Institute)</b> Awar	d Count: 2.00		\$649,445
Office of Research	and Innovation						
N-122019-01	University of Toledo Edison Incuba	tion Program		\$166,250	\$8,750	\$175,000	\$175,000
7/1/10 to 6/30/11	Ohio Department of Development						
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Reichert, Margaret Louise	Office of Research and Innov	100				
N-122133-01	The University of Toledo Renewabl	e Energy Incubator Communica	tion and	\$75,000	\$0	\$75,000	\$75,000
	Training Infrastructure						
9/30/10 to 3/31/12	U. S. Small Business Administration						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Jacobs, D'Naie	Office of Research and Innov	100				

Other

<u>Dept Award</u> <u>Credit</u>

				<u>Diroot 000t</u>		Total / Wala	Oroun
office of Research	and Innovation						
N-122299-01	MTSBDC			\$100,000	\$0	\$100,000	\$100,000
10/1/10 to 9/30/11	Ohio Department of Development						
Role	Name	<u>Department</u>	% Credit				
PI/PD	Reichert, Margaret Louise	Office of Research and Innov	50				
Co-I	Hanson, Richard L.	Office of Research and Innov	50				
N-122748-01	Thomas Edison Program			\$1,364	\$136	\$1,500	\$1,500
4/7/11 to 6/30/11	Ohio Department of Development						
Role	Name	Department	% Credit				
PI/PD	Harf, Jane	Office of Research and Innov	100				
N-122794-01	Coastal Ohio Wind Project			\$28,802	\$2,880	\$31,682	\$31,682
6/1/10 to 5/31/11	Bowling Green State University						
Role	Name	Department	% Credit				
PI/PD	Calzonetti, Frank	Office of Research and Innov	100				
N-122838-01	Research Incentive Program			\$313,861	\$0	\$313,861	\$313,86 <sup>-</sup>
	2 Ohio Board of Regents			<i></i>		<i>+,</i>	+,
Role	Name	Department	% Credit				
PI/PD	Calzonetti, Frank	Office of Research and Innov	100				
R-108632-09	Support of Agricultural Research o			\$7,270	\$727	\$7,997	\$7,997
10/1/10 to 9/30/11	U.S. Department of Agriculture			•••,=••	<b>*</b> ·-·	<b>•</b> ••,•••	<b>.</b> .,
Role	Name	Department	% Credit				
PI/PD	Calzonetti, Frank	Office of Research and Innov	100				
R-120712-02-S1	MTSBDC			\$19,936	\$0	\$19,936	\$19,936
10/1/09 to 9/30/10	Ohio Department of Development thr	ough Toledo Area Chamber of Cor	nmerce	. ,		. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Hanson, Richard L.	Office of Research and Innov	100				
Co-I	Reichert, Margaret Louise	Office of Research and Innov	0				
R-121297-03	Procurement Technical Assistance	Center		\$11,152	\$0	\$11,152	\$11,152
2/1/11 to 1/31/12	Defense Logistics Agency through Ol	nio Department of Development					
1	Nama	Department	% Credit				
Role	INAME						
<u>Role</u> PI/PD	<u>Name</u> Reichert, Margaret Louise	Office of Research and Innov	<u>50</u>				
	Reichert, Margaret Louise Puppos, Robin						
PI/PD Co-I	Reichert, Margaret Louise	Office of Research and Innov Office of Research and Innov	50	\$4,632	\$0	\$4,632	\$4,632
PI/PD Co-I <b>R-121299-03</b>	Reichert, Margaret Louise Puppos, Robin	Office of Research and Innov Office of Research and Innov	50	\$4,632	\$0	\$4,632	\$4,632
PI/PD	Reichert, Margaret Louise Puppos, Robin Procurement Technical Assistance	Office of Research and Innov Office of Research and Innov	50 50	\$4,632	\$0	\$4,632	\$4,632
PI/PD Co-I <b>R-121299-03</b> 2/1/11 to 1/31/12	Reichert, Margaret Louise Puppos, Robin <b>Procurement Technical Assistance</b> Ohio Department of Development	Office of Research and Innov Office of Research and Innov Center	50	\$4,632	\$0	\$4,632	\$4,632

Dept Award Other Direct Cost Indirect Cost Total Award Credit Office of Research and Innovation **Procurement Technical Assistance Center** \$0 S-121297-02-S1 \$4,568 \$4,568 \$4,568 2/1/10 to 1/31/11 Defense Logistics Agency through Ohio Department of Development Role Name Department % Credit Reichert, Margaret Louise PI/PD Office of Research and Innov 75 Puppos, Robin Office of Research and Innov 25 Co-I Sum of Department (Office of Research and Innovation) Award Count: 11.00 \$745,328 **President's Office Student African American Brotherhood** N-122340-01 \$180,000 \$20,000 \$200,000 \$200,000 10/1/10 to 9/30/12 John S. and James L. Knight Foundation Role Name Department % Credit PI/PD Bledsoe, Tyrone Student Services PI/PD McMillen, William 100 President's Office Sum of Department (**President's Office**) Award Count: 1.00 \$200.000 Provost. Health Sciences **Community Clinical Oncology Program (Federal Funds)** \$0 \$0 \$0 C-011039-04 6/1/08 to 5/31/12 National Cancer Institute through Toledo Community Hospital Oncology Program Role Department Name % Credit Surgery, Department of PI/PD Khosla, Sid M. PI/PD Medicine, Department of Skeel, Roland 100 Medicine, Department of Co-I Chaudhary, Rekha Co-I Mohamed, Iman E. Medicine. Department of Co-I Quan. Walter Medicine, Department of Smith, Mary Russell Provost, Health Sciences Co-I Co-I Staren, Edgar Surgery, Department of Veltri, Salvatore Medicine, Department of Co-I **RKIP Regulation as a Potential for Tumor Metastasis Suppression** \$187,782 C-119895-02 \$93,516 \$281,298 7/1/10 to 6/30/12 National Cancer Institute Role Name Department % Credit PI/PD Yeung, Kam C. Biochemistry & Cancer Biolo 100 Co-I Bazeley, Peter Stephen Provost, Health Sciences Co-I DeLaSerna, Ivana **Biochemistry & Cancer Biolo** 

Other				Direct Cost Inc	lirect Cost	Total Award	Credit
Provost, Health Scie	ences			<u></u>			<u></u>
N-122290-01	The Asian-American Mental Heal	Ith Outreach Program		\$3,828	\$0	\$3,828	
9/1/10 to 9/1/11	American Psychiatric Foundation	C C		. ,			
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Smith, Mary Kay	Psychiatry, Department of	100				
Dir Ctr/Inst	Metting, Patricia	Provost, Health Sciences					
Stdnt Schol	Ahuja, Brian						
Stdnt Schol	Chen, Yixing						
Stdnt Schol	Cho, Jason H.						
Stdnt Schol	Lai, Stella						
Stdnt Schol	Mahajan, Supriya M.						
Stdnt Schol	Sehgal, Priya						
Stdnt Schol	Takashima, Yoko						
N-122857-01	Academic Health Center Corpora	ation		\$350,000	\$0	\$350,000	\$350,000
6/30/11 to 6/30/13	ProMedica Health System						
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Gold, Jeffrey	Provost, Health Sciences Sum of Department (I	100	Sciences) Award C	ount: <b>1.00</b>		\$350,000
L	ored Programs Science, Technology, Engineerir	Provost, Health Sciences	100 Provost, Health S	Sciences) Award C \$5,000	ount: <b>1.00</b>	\$5,000	. ,
Research & Sponso N-122479-01	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT)	Provost, Health Sciences Sum of Department (I	100 Provost, Health S	,		\$5,000	\$350,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy through	Provost, Health Sciences Sum of Department (In the second	100 Provost, Health S nancement &	,		\$5,000	. ,
Research & Sponso N-122479-01	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT)	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department	100 Provost, Health S	,		\$5,000	. ,
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy through Name	Provost, Health Sciences Sum of Department (In the second	100 Provost, Health S ancement & <u>% Credit</u> 100	\$5,000	\$0	\$5,000	\$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research	100 Provost, Health S ancement & <u>% Credit</u> 100	\$5,000 \$5,000 rograms) Award C	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research	100 Provost, Health S ancement & <u>% Credit</u> 100	\$5,000	\$0	\$5,000	\$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off	Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research	100 Provost, Health S mancement & <u>% Credit</u> 100 n & Sponsored P	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off N-101007-01	Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research	100 Provost, Health S ancement & <u>% Credit</u> 100 a & Sponsored P of Northwest Ohi	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off N-101007-01 4/15/04 to 8/31/07	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane First Spending Plan Hospital Fun Health Resources & Services Adm	Provost, Health Sciences Sum of Department (In and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research nding hinistration through Hospital Council	100 Provost, Health S mancement & <u>% Credit</u> 100 n & Sponsored P	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off N-101007-01 4/15/04 to 8/31/07 Role	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane First Spending Plan Hospital Fur Health Resources & Services Adm Name	Provost, Health Sciences Sum of Department (I ng and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research nding ninistration through Hospital Council Department	100 Provost, Health S ancement & <u>% Credit</u> 100 a & Sponsored P <u>of Northwest Ohi</u> <u>% Credit</u>	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off N-101007-01 4/15/04 to 8/31/07 Role PI/PD	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane Fice First Spending Plan Hospital Fun Health Resources & Services Adm Name Jankowski, Gary	Provost, Health Sciences Sum of Department (I ng and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research Sum of Department (Research nding binistration through Hospital Council Department Safety & Health, Office Safety & Health, Office	100 Provost, Health S ancement & <u>% Credit</u> 100 a & Sponsored P <u>of Northwest Ohi</u> <u>% Credit</u>	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Fount: <b>1.00</b>		\$5,000 \$5,000 \$12,790
Research & Sponso           N-122479-01           2/1/11 to 6/30/11           Role           PI/PD           Safety & Health, Off           N-101007-01           4/15/04 to 8/31/07           Role           PI/PD           Co-I	Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane First Spending Plan Hospital Fun Health Resources & Services Adm Jankowski, Gary Valigosky, Michael First Spending Plan Hospital Fun	Provost, Health Sciences Sum of Department (I and Mathematics Upgrade/Enh <u>h Central State University</u> <u>Department</u> Research & Sponsored Prog Sum of Department ( <b>Research</b> sum of Department ( <b>Research</b> <u>Department</u> Safety & Health, Office Safety & Health, Office Safety & Health, Office	100 Provost, Health S mancement & <u>% Credit</u> 100 a & Sponsored P <u>of Northwest Ohi</u> <u>% Credit</u> 100	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Sount: <b>1.00</b>	\$12,790	\$5,000 \$5,000 \$12,790
Research & Sponso N-122479-01 2/1/11 to 6/30/11 Role PI/PD Safety & Health, Off N-101007-01 4/15/04 to 8/31/07 Role PI/PD Co-1 R-101007-02	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane First Spending Plan Hospital Fun Health Resources & Services Adm Name Jankowski, Gary Valigosky, Michael First Spending Plan Hospital Fun Health Resources & Services Adm	Provost, Health Sciences Sum of Department (I and Mathematics Upgrade/Enh <u>h Central State University</u> <u>Department</u> Research & Sponsored Prog Sum of Department ( <b>Research</b> sum of Department ( <b>Research</b> <u>Department</u> Safety & Health, Office Safety & Health, Office Safety & Health, Office	100         Provost, Health S         ancement & <u>% Credit</u> 100         a & Sponsored P         of Northwest Ohio <u>% Credit</u> 100	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Sount: <b>1.00</b>	\$12,790	\$5,000 \$5,000
Research & Sponso           N-122479-01           2/1/11 to 6/30/11           Role           PI/PD           Safety & Health, Off           N-101007-01           4/15/04 to 8/31/07           Role           PI/PD           Co-I           R-101007-02           9/1/07 to 8/8/09	ored Programs Science, Technology, Engineerir Outreach (STEM UP-OUT) U.S. Department of Energy throug Name Harf, Jane fice First Spending Plan Hospital Fun Health Resources & Services Adm Name Jankowski, Gary Valigosky, Michael First Spending Plan Hospital Fun Health Resources & Services Adm Pass-Through Funds through Hosp	Provost, Health Sciences Sum of Department (I ng and Mathematics Upgrade/Enh h Central State University Department Research & Sponsored Prog Sum of Department (Research Sum of Department (Research nding binistration through Hospital Council Department Safety & Health, Office Safety & Health, Office nding binistration & Ohio Department of He pital Council of Northwest Ohio	100 Provost, Health S mancement & <u>% Credit</u> 100 a & Sponsored P <u>of Northwest Ohi</u> <u>% Credit</u> 100	\$5,000 rograms) Award C \$12,790	<b>\$0</b> Sount: <b>1.00</b>	\$12,790	\$5,000 \$5,000 \$12,790

Other							Dept Award
Safety & Health, Off	liaa			Direct Cost	Indirect Cost	<u>Total Award</u>	<u>Credit</u>
<b>R-101007-04</b> 7/1/10 to 6/30/11	First Spending Plan Hospital Fu for Disaster Preparedness Health Resources & Services Adn	\$12,790	\$0	\$12,790	\$12,790		
77 17 10 10 0/30/11	Pass-Through Funds through Hos						
Role PI/PD	<u>Name</u> Valigosky, Michael	<u>Department</u> Safety & Health, Office	<u>% Credit</u> 100				
		Sum of Departmen	t (Safety & Healtl	n, Office) Award	d Count: <b>3.00</b>		\$38,37
Student Services							
N-122147-01	Assistive/Adaptive Technology	Virtual Lab - Phase 1		\$127,160	\$0	\$127,160	\$127,16
7/15/10 to 9/30/10	Ohio Rehabilitation Services Com	mission					
<u>Role</u> PI/PD	<u>Name</u> Paprocki, Angela	Department Student Services	<u>% Credit</u> 100				
N-122293-01	Assistive/Adaptive Virtual Lab P	Phase II		\$260,600	\$0	\$260,600	\$260,60
11/15/10 to 6/30/11	Ohio Rehabilitation Services Com	mission					
Role PI/PD	<u>Name</u> Paprocki, Angela	Department Student Services	<u>% Credit</u> 100				
N-122310-01	Office of Disability Services			\$28,132	\$0	\$28,132	\$28,13
10/1/10 to 6/30/11	Ohio Rehabilitation Services Com	mission					
<u>Role</u> PI/PD	<u>Name</u> Paprocki, Angela	Department Student Services	<u>% Credit</u> 100				
N-122340-01	Student African American Broth	erhood		\$180,000	\$20,000	\$200,000	
10/1/10 to 9/30/12	John S. and James L. Knight Four	ndation					
<u>Role</u> PI/PD PI/PD	<u>Name</u> Bledsoe, Tyrone McMillan, William	<u>Department</u> Student Services President's Office	<u>% Credit</u> 100				
PI/PD	McMillen, William		rtment (Student S	Services) Award	l Count: 3.00		\$415,89
Student Tutoring Pr	rgm	·	,				
N-122087-01	Expansion of PA Training Progra	am		\$990,000	\$19,880	\$1,009,880	\$656,42
9/30/10 to 9/29/11	Health Resources & Services Adn	ninistration					
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Gardner, April Lynn	Physician Assistant Studies	10				
PI/PD	Peterson, Jay W.	Student Tutoring Prgm	65				
Co-l	Hogue, Patricia A.	Physician Assistant Studies	10				
Co-I	Moynihan, Vivian F.	Physician Assistant Studies	15				
		Sum of Department	(Student Tutorii	ng Prgm) Award	d Count: 0.65		\$656,42
Foledo Excel Progra	am						

Other							Dept Award
Other				Direct Cost	Indirect Cost	Total Award	<u>Credit</u>
Toledo Excel Progra C-110170-04	Regular Upward Bound			\$361,803	\$24,413	\$386,216	\$386,216
9/1/10 to 8/31/11	U.S. Department of Education			<b>\$301,003</b>	φ <b>24,4</b> 13	<b>φ300,210</b>	φ <b>300,2</b> 10
		Denertment	0/ <b>O</b> = 1''				
Role PI/PD	<u>Name</u> Rogers, Pamela N.	<u>Department</u> Toledo Excel Program	<u>% Credit</u> 100				
R-103911-15	UT Student Support Services		100	\$221,324	\$17,173	\$238,497	\$238,497
9/1/10 to 8/31/11	U.S. Department of Education			φ <b>221,</b> 324	φ17,17 <b>5</b>	φ <b>2</b> 30,4 <i>31</i>	φ230,497
Role	,	Department	0/ Creadit	1			
PI/PD	<u>Name</u> Stone, Robin	<u>Department</u> Toledo Excel Program	<u>% Credit</u> 100				
Co-I	Byrd, Ambershaun D.	Toledo Excel Program	100				
Co-l	Fedor, John J.	Toledo Excel Program	0				
Co-I	Young, David	Toledo Excel Program	0 0				
		Sum of Department	nt (Toledo Excel	Program) Awar	rd Count: 2.00		\$624,713
Jrban Affairs Cente N-121926-01		nced Renewable Energy Innovation	on System	\$250,000	\$0	\$250,000	\$250,000
6/30/10 to 6/30/12	Ohio Department of Development	iced Kellewable Ellergy innovation	JII System	φ230,000	φυ	φ <b>2</b> 50,000	φ230,000
	· · · · ·	Denertment	0/ <b>O</b> = 1''				
Role PI/PD	<u>Name</u> Daid Nail	Department	<u>% Credit</u>				
Co-PI	Reid, Neil Wuest, Sue A.	Urban Affairs Center Urban Affairs Center	50 50				
N-121975-01	Ohio's Food System: Farms At T		50	\$30,000	\$0	\$30,000	\$30,000
7/30/10 to 6/30/11	Ohio Agricultural Research and De			450,000	ψυ	ψ50,000	ψ30,000
Role	ě – – – – – – – – – – – – – – – – – – –	_	0/ Creadit	1			
PI/PD	<u>Name</u> Reid, Neil	<u>Department</u> Urban Affairs Center	<u>% Credit</u>				
Co-l	Ross, Paula Suzanne	Urban Affairs Center	50 50				
N-121991-01	Greenhouse Nurseries Ohio	Olban Analis Center	50	\$855,151	\$284,129	\$1,139,280	\$1,139,280
9/1/10 to 8/31/12	U.S. Department of Agriculture			\$655,151	φ <b>204</b> ,129	φ1,139,200	φ1,139,200
Role	Name	Department	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
S-121991-01-S1	Greenhouse Nurseries Ohio			\$52,400	\$0	\$52,400	\$52,400
9/1/10 to 8/31/12	U.S. Department of Agriculture						
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
S-121991-01-S2	Greenhouse Nurseries Ohio			\$59,237	\$0	\$59,237	\$59,237
9/1/10 to 8/31/12	U.S. Department of Agriculture						
Role	Name	Department	<u>% Credit</u>				
	INALLE	Department	<u>/0 0</u> 1001				
PI/PD	Reid, Neil Boardley, Debra J.	Urban Affairs Center Public Hlth/Homeland Securi	100				

Other				Dire et Coot	t Indirant Cont	Total Award	Dept Award
Urban Affairs Cente	er			Direct Cost	t Indirect Cost	Total Award	<u>Credit</u>
S-121991-01-S3	Greenhouse Nurseries Ohio			\$26,200	\$0	\$26,200	\$26,200
9/1/10 to 8/31/12	U.S. Department of Agriculture					. ,	. ,
Role	Name	Department	% Credit				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
S-121991-01-S4	Greenhouse Nurseries Ohio			\$14,563	\$0	\$14,563	\$14,563
9/1/10 to 8/31/12	U.S. Department of Agriculture						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Reid, Neil	Urban Affairs Center	100				
Co-I	Boardley, Debra J.	Public Hlth/Homeland Securi	0				
		Sum of Departme	nt ( <b>Urban Affair</b>	s Center) A	ward Count: 7.00		\$1,571,680
			Sum of Colleg	ge (Other) Av	ward Count: 33.14		\$8,897,228
							Dept Award
Pharmacy & F	Pharmaceutical Sciences	, College of		Direct Cost	t Indirect Cost	Total Award	<u>Credit</u>
Center for Drug De	sign and Development						
C-120014-02		ay Inhibitors as Novel Antibiotics		\$225,000	\$94,725	\$319,725	\$127,890
5/1/11 to 4/30/12	National Institutes of Health						
Role	Name	Department	% Credit				
PI/PD	Viola, Ronald	Chemistry, Department of	60				
Co-I	Erhardt, Paul W.	Center for Drug Design and I	40				
N-122374-01	SRA Between UT CD3 and B&G F	Partners, LLC		\$200,000	\$50,000	\$250,000	\$250,000
1/1/11 to 12/31/11	B&G Partners, LLC						
Role	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Erhardt, Paul W.	Center for Drug Design and I	100				
S-120014-02-S1	Development of Aspartate Pathw	ay Inhibitors as Novel Antibiotics		\$22,500	\$9,472	\$31,972	\$12,789
5/1/11 to 4/30/12	National Institutes of Health						
Role	<u>Name</u>	<u>Department</u>	% Credit				
PI/PD	Viola, Ronald	Chemistry, Department of	60				
Co-I	Erhardt, Paul W.	Center for Drug Design and I	40				
		Sum of Department (Center for Dru	ig Design and D	Developm Av	ward Count: 1.80		\$390,679
Medicinal and Rial	ogical Chemistry, Department of						
C-120696-03		f Reactive Intermediates in DNA a		\$77,778	\$34,222	\$112,000	\$112,000
	-	r Reactive intermediates in DNA a		\$11,118	<b>\$34,222</b>	<b>φ112,000</b>	<b>φ112,000</b>
3/1/11 to 2/29/12	National Science Foundation	Descentes ant	04 <b>O</b>				
Role PI/PD	Name	Department a C. Medicinal and Biological Che	<u>% Credit</u>				
			100				

Pharmacy & P	harmaceutical Sciences,	College of		Direct Cost	Indirect Cost	Total Award	<u>Dept Award</u> <u>Credit</u>
ledicinal and Biolo	ogical Chemistry, Department of						
C-121450-02	Neuroprotein Effect of Ginkgo Bild	bba and its Bioactive Components	in Ischemia	\$164,170	\$81,757	\$245,927	\$245,927
1/1/11 to 12/31/11	National Institutes of Health						
<u>Role</u>	<u>Name</u>	<u>Department</u>	<u>% Credit</u>				
PI/PD	Shah, Zahoor	Medicinal and Biological Che	100				
N-121594-01-A1	Synthesis of Glycopeptide-based	Cancer Antigen Vaccines		\$230,000	\$104,650	\$334,650	\$127,167
5/1/11 to 4/30/14	National Institutes of Health						
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sucheck, Steven Joseph	Chemistry, Department of	62				
PI/PD	Wall, Katherine Ann	Medicinal and Biological Che	38				
		Sum of Department (Medicinal and B	iological Cher	<b>nistry, D</b> Awa	ard Count: 2.38		\$485,094
harmacology, Dep							
C-110246-03	The Roles of Primary Cilia in Card	iovascular System		\$210,375	\$92,565	\$302,940	\$302,94
8/1/10 to 7/31/11	National Institutes of Health						
<u>Role</u>	Name	Department	<u>% Credit</u>				
PI/PD	Nauli, Surya M.	Pharmacology, Department c	100				
C-120815-02		on the Effects of Developmental N	leHg	\$15,154	\$6,668	\$21,822	\$21,822
9/30/09 to 6/30/12	Exposure	Liniversity of Missensin					
Role	National Institutes of Health through		0/ One dit				
PI/PD	<u>Name</u> Williams, Frederick E.	<u>Department</u> Pharmacology, Department c	<u>% Credit</u> 100				
S-110246-03-S1	The Roles of Primary Cilia in Card		100	\$1,500	\$660	\$2,160	\$2,160
8/1/10 to 7/31/11	National Institutes of Health			¢1,000	<b>QUUU</b>	<i>\</i> 2,100	ψ2,100
Role	Name	Department	% Credit				
PI/PD	Nauli, Surya M.	Pharmacology, Department c	100				
T-121940-02	Molecular Mechanism of ADNF an			\$150,121	\$57,532	\$207,653	\$207,653
	Mitochondrial dysf						
9/6/10 to 5/31/11	National Institute on Alcohol Abuse a	and Alcoholism					
<u>Role</u>	<u>Name</u>	Department	<u>% Credit</u>				
PI/PD	Sari, Youssef	Pharmacology, Department c	100				
T-122154-01		n of Alcohol-Drinking Behavior in I	P Rats	\$157,500	\$78,435	\$235,935	\$235,93
5/1/11 to 4/30/12	National Institute on Alcohol Abuse a	and Alcoholism					
Role	Name	<u>Department</u>	<u>% Credit</u>				
PI/PD	Sari, Youssef	Pharmacology, Department c	100				
Co-I	Yamamoto, Bryan K.	Neurosciences, Department					
		Sum of Department (Pharmac	ology, Depart	ment of) Awa	ard Count: 5.00		\$770,51
		Sum of College (Pharmacy & Pharma	acoutical Scio		rd Count: 0 18		\$1,646,283

University Lib	oraries			Direct Co	set li	ndirect Cost	[ Total Award	<u>Dept Award</u> Credit
Administration, Lib				Direct Ot	<u>11 11</u>		<u>Total Awaru</u>	
N-122162-01 9/1/10 to 2/28/11	Designing and Providing Web-b Community Based Physicians National Library of Medicine throug			\$2,77	1	\$0	\$2,771	\$2,771
Role PI/PD	<u>Name</u> Mi, Fangqiong Misa	Department Administration, Library	<u>% Credit</u> 100					
		Sum of Departme	nt (Administration	, Library)	Award	Count: <b>1.00</b>		\$2,771
		Sum of C	ollege ( <b>University</b>	Libraries)	Award	Count: <b>1.00</b>		\$2,771
Grand Total:					Award	Count: <b>461.00</b>	\$	67,884,333