

## Purdue ARRA Stimulus Awards

(As of 11/13/2009)

### College of Agriculture

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103919	09075425	NATIONAL SCIENCE FOUNDATION	Hort/Landscape Archit	47.082	Doudareva Natalia	Benzoic acid biosynthesis in plants	08/01/2009 - 07/31/2013	\$ 1,042,558	\$ 1,042,558
104201	09086501	University of Texas - Pan American	Hort/Landscape Archit	47.082	Murphy Angus S	URM: Undergraduate Research and Mentoring at a Hispanic Serving Institution Investigating a Rare Ecosystem	09/01/2009 - 08/31/2013	\$ 94,800	\$ 94,800
<b>Subtotal</b>								<b>\$ 1,137,358</b>	<b>\$ 1,137,358</b>

### College of Consumer & Family Sciences

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103969	09107347	UNIVERSITY OF GEORGIA	Foods & Nutrition	93.701	Weaver Connie M	Supplemental Vitamin D and Functional Outcomes in Early Adolescence	08/15/2009 - 07/31/2010	\$ 1,077,209	\$ 503,233
104119	09011321	PHS-NIH NAT INST DIABETES,KIDNEY DIS	Foods & Nutrition	93.701	McCrary Megan A	Biomarkers of Dietary Variables Commonly Misreported	09/30/2009 - 07/31/2010	\$ 1,143,006	\$ 547,592
104151	10011713	PHS-NIH NAT INST OF ENVIRONMENT HLTH SCI	Foods & Nutrition	93.701	Fleet James C	Diet by Gene Interactions Affecting Calcium and Bone Metabolism	09/30/2009 - 07/31/2010	\$ 2,236,130	\$ 376,864
<b>Subtotal</b>								<b>\$ 4,456,345</b>	<b>\$ 1,427,689</b>

### College of Engineering

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103751	09118312	NATIONAL SCIENCE FOUNDATION	Chemical Engineering	47.082	Won You-Yeon	Novel Mixed Brushes with Tunable Internal Structures of Various Length Scales	07/01/2009 - 06/30/2013	\$ 448,000	\$ 448,000
103756	09065035	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Webb Kevin J	CIF: Small: Optical diffusion tomography, with application to in vivo fluorescence resonance energy transfer imaging	06/01/2009 - 05/31/2012	\$ 376,582	\$ 376,582
103757	09064952	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Zoltowski Michael D	CIF: Small: Collaborative Research: Signal Design for Low-Complexity Active Sensing	07/01/2009 - 06/30/2012	\$ 159,999	\$ 159,999
103784	09043915	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Givan Robert L	RI:Medium: Solving Stochastic Planning Problems Through Principled Determinization	07/01/2009 - 06/30/2012	\$ 391,297	\$ 391,297
103810	09096879	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Cardella Monica E	Students' Understanding of Human-Centered Design and the Impact of Service Learning	09/01/2009 - 08/31/2012	\$ 400,000	\$ 400,000
103813	09011778	NATIONAL SCIENCE FOUNDATION	Biomedical Engr	47.082	Ouyang Zheng	CAREER: Development of High Efficiency Mass Spectrometry System	07/01/2009 - 06/30/2014	\$ 550,000	\$ 550,000
103814	09096868	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Pawley Alice L	IEECI: Assessing Sustainability Knowledge (ASK): Development of a Framework to Assess Undergraduate Students Knowledge of Sustainability Concepts	10/01/2009 - 09/30/2011	\$ 150,000	\$ 150,000
103839	09043839	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Tan Hong Z	Collaborative Research: HCC-Medium: Hand-Mounted Tactile Displays for Haptics and Human-Computer Interaction	07/15/2009 - 06/30/2013	\$ 346,602	\$ 346,602
103857	09096836	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Evangelou Demetra	Examining the Migratory Patterns of Engineering Students using Social Psychological Theories	09/01/2009 - 08/31/2011	\$ 395,439	\$ 395,439
103860	09011746	NATIONAL SCIENCE FOUNDATION	Biomedical Engr	47.082	Rundell Ann E	CAREER: Advancing Model Predictive Control of Cell Differentiation	08/01/2009 - 07/31/2014	\$ 400,000	\$ 400,000

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103865	09086238	NATIONAL SCIENCE FOUNDATION	Chemical Engineering	47.082	Liu Julie C	BRIGE:Peptide-Based Cues for Mesenchymal Stem Cell Differentiation in Cartilage Graft Applications	09/01/2009 - 08/31/2011	\$ 175,000	\$ 175,000
103878	09086350	NATIONAL SCIENCE FOUNDATION	Civil Engineering	47.082	Santagata Maria Caterina	Engineering the Pore Fluid of Sands with Highly Plastic Nano-particles for Liquefaction Prevention	08/01/2009 - 07/31/2011	\$ 179,998	\$ 179,997
103879	09086229	NATIONAL SCIENCE FOUNDATION	Civil Engineering	47.082	Sinfield Joseph V	Geoenvironmental Influences on Raman Spectroscopic Monitoring of Chlorinated Solvents	08/01/2009 - 07/31/2011	\$ 151,308	\$ 151,308
103880	09096958	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Strobel Johannes	Engineering Students' Attitudes and Threshold Concepts Towards Sustainability and Engineering as Environmental Career	09/01/2009 - 08/31/2011	\$ 149,998	\$ 149,998
103883	09033031	NATIONAL SCIENCE FOUNDATION	Civil Engineering	47.082	Irfanoglu Ayhan	Collaborative Research: The Learning Bridge	09/01/2009 - 08/31/2011	\$ 75,000	\$ 75,000
103884	09118912	NATIONAL SCIENCE FOUNDATION	Chemical Engineering	47.082	Wang Nien-hwa L	Experimental Probing and Molecular Modeling of Key Sorbent-Solute-Solvent Interactions in Chiral Separations	08/01/2009 - 07/31/2011	\$ 350,000	\$ 350,000
103885	09096846	NATIONAL SCIENCE FOUNDATION	Mechandl Engineering	47.082	Zhao Fu	Enable Project-Based Learning of Ecodesign: Method Development and Curriculum Reform	09/01/2009 - 08/31/2012	\$ 150,000	\$ 150,000
103922	09120041	IllinoisRocstar LLC	Mechandl Engineering	NA.000	Son Steven F	Novel Alternative Energetic Propellants for Space Propulsion	06/20/2009 - 06/19/2011	\$ 200,000	\$ 200,000
103923	09065026	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Midkiff Samuel P	SHF: Small: Ant: Automatic and Manual Debugging Support forMassively Parallel Programs	08/15/2009 - 07/31/2012	\$ 493,235	\$ 493,235
103928	09086277	NATIONAL SCIENCE FOUNDATION	Industrl Engineering	47.082	Cheng Gary J	IDR/Collaborative Research: Manufacturing Functional Laminated Composite Structures on Patterned Uneven Three-Dimensional Surfaces	09/01/2009 - 08/31/2012	\$ 215,051	\$ 215,050
103929	09096837	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Jesiek Brent K	Collaborative Research: Interactive Knowledge Networks for Engineering Education Research (iKNEER)	09/01/2009 - 08/31/2011	\$ 139,398	\$ 139,398
103966	09075674	NATIONAL SCIENCE FOUNDATION	Mechandl Engineering	47.082	Lucht Robert P	MRI: Acquisition of a High-Pulse-Energy Ultrafast laser System for Interdisciplinary Research	09/01/2009 - 08/31/2012	\$ 485,790	\$ 485,790
103974	09096881	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Ohland Matthew W	Socioeconomic Factors in Engineering Pathways	10/01/2009 - 09/30/2011	\$ 287,000	\$ 301,915
104017	10011702	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Evangelou Demetra	Career: Developmental Engineering: An Examination of Early Learning Experiences as Antecedents of Engineering Education	09/15/2009 - 08/31/2014	\$ 400,000	\$ 400,000
104030	09064997	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Raghunathan Anand	CSR: Small: Collaborative Research: Adaptive Applications and Architectures for Variation-Tolerant Systems	08/15/2009 - 07/31/2012	\$ 281,065	\$ 281,065
104033	09129655	NATIONAL SCIENCE FOUNDATION	Elec & Computer Engr	47.082	Wang Chih-chun	NeTS: Medium: Collaborative Reserach: Unifying Network Coding and Cross-Layer Optimization for Wireless Mesh Networks: From Theory to Distributed	09/01/2009 - 08/31/2013	\$ 549,899	\$ 549,899
104064	10011853	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Charavarthi Madhavan Krishna P	Collaborative Research: Interactive Knowledge Networks for Engineering Education Research (iKNEER)	09/01/2009 - 08/31/2011	\$ 127,997	\$ 127,997
104090	08126175	NATIONAL SCIENCE FOUNDATION	Engineering Educ	47.082	Strobel Johannes	VOSS: Transforming Loose Networks into Sustainable Interdisciplinary Virtual Organizations	01/01/2010 - 12/31/2011	\$ 374,768	\$ 374,769

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
104100	09086236	NATIONAL SCIENCE FOUNDATION	Aero & Astro	47.082	Qiao Li	BRIGE: Burning rate, Chemistry and Transport Properties of Alternative Fuels	10/01/2009 - 09/30/2011	\$ 175,000	\$ 175,000
<b>Subtotal</b>								<b>\$ 8,578,426</b>	<b>\$ 8,593,340</b>

### College of Liberal Arts

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103772	08116001	PHS-NIH NATIONAL INSTITUTE ON AGING	Sociology	93.701	Ferraro Kenneth F	Interdisciplinary Research on Aging and the Life Course	05/01/2009 - 04/30/2010	\$ 1,149,179	\$ 132,000
103836	09107743	PHS-NIH NAT INST DIABETES,KIDNEY DIS	Psychological Sci	93.701	Kinzig Kimberly P	Effects of Dietary Macronutrients on Regulation of Energy Balance	07/15/2009 - 06/30/2011	\$ 17,720	\$ 17,721
103855	08116030	PHS-NIH NATIONAL INSTITUTE ON AGING	Sociology	93.701	Ferraro Kenneth F	Enduring Effects of Early Adversity on Adult Health	08/01/2009 - 07/31/2010	\$ 525,829	\$ 263,043
103861	09107789	PHS-NIH NAT INST DEAFNESS,COMM DISORDERS	Speech Lang Hear Sci	93.701	Huber Jessica E	Use of External Cueing to Treat Hypophonia in Parkinson's Disease	07/17/2009 - 06/30/2011	\$ 226,250	\$ 225,405
103893	09107676	PHS-NIH NAT INST DIABETES,KIDNEY DIS	Psychological Sci	93.701	Kinzig Kimberly P	Effects of Dietary Macronutrients on Regulation of Energy Balance	08/01/2009 - 06/30/2010	\$ 75,341	\$ 75,341
104035	09107744	PHS-NIH NAT INST DIABETES,KIDNEY DIS	Psychological Sci	93.701	Swithers Susan E	Food Cues, Calories and Energy Regulation in Rats	09/01/2009 - 06/30/2011	\$ 100,000	\$ 100,000
104158	09120076	PHS-NIH NAT INST OF CHILD HLTH,HUMAN DEV	Psychological Sci	93.701	Davidson Terry L	Energy Dysregulation: Behavioral and Biological Signals	09/30/2009 - 09/29/2010	\$ 415,507	\$ 95,500
104198	09118905	PHS-NIH NAT INST DEAFNESS,COMM DISORDERS	Speech Lang Hear Sci	93.701	Novak Robert E	Electrophysiological Indices of Attention in Language Processing.	09/17/2009 - 08/31/2010	\$ 950,434	\$ 519,665
<b>Subtotal</b>								<b>\$ 3,460,260</b>	<b>\$ 1,428,675</b>

### College of Management

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103798	09043308	NATIONAL SCIENCE FOUNDATION	School Of Management	47.082	Tawarmalani Mohit	Collaborative Research: Generating Stronger Cuts for Nonlinear Programs Via Orthogonal Disjunctions and Lifting Techniques	07/01/2009 - 06/30/2012	\$ 204,171	\$ 204,171
<b>Subtotal</b>								<b>\$ 204,171</b>	<b>\$ 204,171</b>

### College of Pharmacy

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103636	09096628	PHS-HRSA NATNL CTR FOR HEALTH SERVS RES	Nursing	93.703	Kirkpatrick Jane M	North Central Nursing Centers: Caring for Rural Underserved Populations	03/01/2009 - 02/28/2010	\$ 1,950,000	\$ 1,300,000
103682	09096965	PHS-HRSA NATNL CTR FOR HEALTH SERVS RES	Nursing	93.703	Oneil Elizabeth A	Monon Increase Demand for Services	03/27/2009 - 03/26/2011	\$ 100,000	\$ 100,000
103721	07085177	PHS-NIH NATNL INST ON DRUG ABUSE	Medchem/Molecul Phar	93.701	Barker Eric L	Lipodemic Profile of Endocannabinoids from Neuronal Cells	05/15/2009 - 04/30/2010	\$ 411,821	\$ 228,750
103840	09107962	PHS-NIH NAT INST OF ENVIRONMENT HLTH SCI	Health Sciences	93.701	Zheng Wei	Application for Summer Administrative Supplement to Grant R21 ES017055 ... Beta-Amyloid Clearance by Choroid Plexus:Effect of Lead Exposure	05/25/2009 - 10/31/2010	\$ 35,740	\$ 35,740
103846	09129030	PHS-HRSA NATNL CTR FOR HEALTH SERVS RES	Nursing	93.703	Aaltonen Pamela M	Implementation of North Central Nursing Clinics' ElectronicHealth Record	06/29/2009 - 06/28/2011	\$ 120,294	\$ 120,294
104000	09043358	IU SCHOOL OF MEDICINE	Indus&Phys Pharmacy	93.701	Green Mark A	Whole-Body PET/CT Assessment of Tumor Perfusion Using Generator-Produced <sup>62</sup> Cu	08/01/2009 - 07/31/2010	\$ 336,475	\$ 79,178
104002	09128977	PHS-NIH NATIONAL CANCER INSTITUTE	Medchem/Molecul Phar	93.701	Pezzuto John Michael	Natural Inhibitors of Carcinogenesis	08/01/2009 - 07/31/2010	\$ 477,847	\$ 477,847

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
104029	09108050	PHS-NIH NATIONAL CANCER INSTITUTE	Health Sciences	93.701	Liu Shuang	99M Tc-Labeled Cyclic RGDfK Tetramers for Breast Cancer Imaging	08/01/2009 - 07/31/2010	\$ 126,860	\$ 126,860
104080	09043818	PHS-NIH NAT INST OF ENVIRONMENT HLTH SCI	Health Sciences	93.701	Dydaek Ulrike	Effect of Manganese Exposure on GABA and Glutamate in Human Brains by MRS	09/05/2009 - 06/30/2010	\$ 408,637	\$ 231,202
104125	09107754	PHS-NIH NATIONAL CANCER INSTITUTE	Medchem/Molecul Phar	93.701	Geahlen Robert L	Tyrosine Protein Kinases and Lymphocyte Activation	09/25/2009 - 08/31/2011	\$ 289,129	\$ 265,350
104126	10011332	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Medchem/Molecul Phar	93.701	Post Carol B	NMR Structure of Peptide and Protein Complexes	09/30/2009 - 07/31/2010	\$ 173,097	\$ 162,183
<b>Subtotal</b>								<b>\$ 4,429,900</b>	<b>\$ 3,127,404</b>

## College of Science

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103715	09022345	NATIONAL SCIENCE FOUNDATION	Physics	47.082	Savikhin Sergei F	REU Site: Multidisciplinary Physics at Purdue University	06/01/2009 - 05/31/2012	\$ 393,000	\$ 400,000
103736	08126177	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Biological Sciences	93.701	Rossmann Michael G	Structural studies of bacteriophage T4	05/22/2009 - 04/30/2010	\$ 3,174,671	\$ 600,412
103739	07127989	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Biological Sciences	93.701	Zhou Daoguo	Salmonella SopA is a functional mimicry of eukaryotic E3 ubiquitin ligase	05/08/2009 - 04/30/2010	\$ 419,375	\$ 228,750
103753	09043413	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	Liu Tong	Integral p-adic Hodge Theory and Its Application to Automorphic Forms	07/01/2009 - 06/30/2012	\$ 163,315	\$ 163,315
103754	09011771	NATIONAL SCIENCE FOUNDATION	Physics	47.082	Jones Timothy Matthew	CAREER: New Trigger Instrumentation and Precision Measurements with the CMS Detector at the Super-LHC	06/01/2009 - 05/31/2014	\$ 494,315	\$ 494,000
103755	07116972	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Chemistry	93.701	Savinov Sergey N	Rescuing the anti-HIV activity of APOBEC3G with small molecule chaperons'	06/05/2009 - 05/31/2010	\$ 365,884	\$ 183,174
103760	09043597	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Huber Matthew	Collaborative Research: Understanding the Role of a High-Latitude Convective Cloud Feedback in Equable and Future Climate Dynamics	06/15/2009 - 05/31/2012	\$ 188,021	\$ 188,021
103776	09043255	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Michalski Greg M	Using Oxygen Isotope to Constrain Ozone Sources and Sinks	07/01/2009 - 06/30/2012	\$ 299,748	\$ 299,748
103796	09011764	NATIONAL SCIENCE FOUNDATION	Chemistry	47.082	Yang Chen	CAREER: Antimony-based Nanowires and Nanowire Heterostructures: Synthesis and Characterization	07/01/2009 - 06/30/2014	\$ 422,522	\$ 422,522
103808	09054080	NATIONAL SCIENCE FOUNDATION	Statistics	47.082	Cheng Guang	General Semiparametric Inference via Bootstrap Sampling	07/01/2009 - 06/30/2012	\$ 100,003	\$ 100,003
103812	09054091	NATIONAL SCIENCE FOUNDATION	Statistics	47.082	Figuerola-Lopez Jose E	Nonparametric Methods For Jump Processes Under Microstructure Noise	07/15/2009 - 06/30/2012	\$ 107,250	\$ 107,250
103816	09054094	NATIONAL SCIENCE FOUNDATION	Statistics	47.082	Viens Frederic G	Density and tail estimates via Malliavin calculus, and applications	07/01/2009 - 06/30/2012	\$ 230,721	\$ 230,721
103830	09118560	NATIONAL SCIENCE FOUNDATION	Physics	47.082	Pyrak-Nolte Laura J	Geometry & Dynamics of Interfaces in Porous Media	09/01/2009 - 08/31/2012	\$ 375,000	\$ 375,000
103847	09011680	NATIONAL SCIENCE FOUNDATION	Biological Sciences	47.082	Nichols Krista M	CAREER: Genetic & evolutionary mechanisms of ecological divergence in migration tendency in salmonid fishes	08/01/2009 - 07/31/2014	\$ 900,000	\$ 900,000
103856	09022244	NATIONAL SCIENCE FOUNDATION	Biological Sciences	47.082	Kihara Daisuke	Template-Based Protein Structure Prediction Beyond Sequence Homology	08/15/2009 - 07/31/2013	\$ 716,001	\$ 716,001
103863	09054093	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	Baudoin Fabrice	Analysis of Stochastic Differential Equations	08/01/2009 - 07/31/2012	\$ 210,000	\$ 260,853
103864	09054216	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	De Hoop Maarten V	Collaborative Research: Stochastic and Multiscale Analysis of Ambient-Noise Generated Scattered Waves and Imaging	07/15/2009 - 06/30/2012	\$ 337,455	\$ 337,455

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103882	09075363	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Zhuang Qianlai	Collaborative Research: Impacts of Climate Seasonality on Carbon Accumulation and Methane Emissions of Alaskan Ecosystems During the Holocene Thermal	08/01/2009 - 07/31/2012	\$ 202,918	\$ 202,918
103886	09043899	NATIONAL SCIENCE FOUNDATION	Computer Science	47.082	Nita-Rotaru Cristina	NeTS:Medium:Collaborative Research: Secure Networking UsingNetwork Coding	09/01/2009 - 08/31/2013	\$ 250,000	\$ 250,000
103887	09065033	NATIONAL SCIENCE FOUNDATION	Computer Science	47.082	Park Kihong	NeTS:Small: Toward High-performance WLANs: Bridging the Physical Layer Divide	08/01/2009 - 07/31/2012	\$ 335,448	\$ 335,448
103888	09075716	NATIONAL SCIENCE FOUNDATION	Chemistry	47.082	Simpson Garth J	Development of a Dielectrophoretic Force Scanning Microscope for Non-Contact Biological Imaging	08/01/2009 - 07/31/2012	\$ 421,528	\$ 421,528
103889	09064972	NATIONAL SCIENCE FOUNDATION	Computer Science	47.082	Li Zhiyuan	CSR: Small: New Slicing Techniques for Program Parallelization	09/01/2009 - 08/31/2012	\$ 429,088	\$ 429,088
103890	09043921	NATIONAL SCIENCE FOUNDATION	Computer Science	47.082	Li Ninghui	TC: Medium: Collaborative Research: Techniques to Retrofit Legacy Code	09/01/2009 - 08/31/2012	\$ 299,996	\$ 300,000
103891	09054479	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Ridgway Kenneth D	Collaborative Research: Sedimentary Basin Response to Paleocene-Eocene Spreading Ridge Subduction in South-Central Alaska	08/15/2009 - 07/31/2011	\$ 130,044	\$ 130,044
103901	09086529	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Filley Timothy R	Acquisition of a Gas Chromatograph-Quadrupole Mass Spectrometer and upgrade to an existing Stable Isotope Mass Spectrometer for Continued Biogeochemi	08/15/2009 - 07/31/2010	\$ 188,209	\$ 188,209
103912	09097013	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Biological Sciences	93.701	Zhou Daoguo	Supplement to Host actin Cytoskeleton rearrangements induced by Salmonella	08/11/2009 - 07/31/2010	\$ 98,640	\$ 98,640
103918	09043874	NATIONAL SCIENCE FOUNDATION	Statistics	47.082	Xi Bowei	Statistical Models of Internet Traffic and Queuing Analysis	08/01/2009 - 07/31/2011	\$ 54,900	\$ 54,900
103921	09065032	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	Basu Saugata	AF: Small: Algorithmic and Quantitative Problems in Semi-algebraic and O-minimal Geometry	10/01/2009 - 09/30/2012	\$ 300,000	\$ 300,000
103925	09118417	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Chemistry	93.701	Rafferty M Daniel	Administrative Supplement to: Advanced Methods in NMR-Based Metabolomics	08/10/2009 - 06/30/2011	\$ 207,079	\$ 207,077
103959	09118559	PHS-NIH NATIONAL LIBRARY OF MEDICINE	Biological Sciences	93.701	Waddell Peter J	Comparative Bioinformatics and TP53 Expression	08/19/2009 - 08/18/2011	\$ 69,066	\$ 69,066
103970	09043414	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	Lee Kyungyong	Commutative Algebra of Alternating Polynomials	08/15/2009 - 07/31/2012	\$ 91,157	\$ 91,157
103978	09054082	NATIONAL SCIENCE FOUNDATION	Physics	47.082	Csathy Gabor A	Thermodynamic measurements of a collective phases of two-dimensionally confined charge carriers	09/01/2009 - 08/31/2012	\$ 296,861	\$ 296,861
103980	09022241	NATIONAL SCIENCE FOUNDATION	Biological Sciences	47.082	Gribskov Michael R	Sequence and Structural Patterns in RNA	09/15/2009 - 08/31/2012	\$ 902,262	\$ 902,262
103994	09075426	NATIONAL SCIENCE FOUNDATION	Mathematics	47.082	Feng Zhilan Julie	Collaborative Research: Plant-herbivore interactions mediated by toxin-determined functional response	09/01/2009 - 08/31/2012	\$ 311,627	\$ 311,627
104018	09033244	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Biological Sciences	93.701	Kuhn Richard J	Structure-Function Studies of Alpha-and Flaviviruses	09/01/2009 - 08/31/2010	\$ 9,805,786	\$ 1,983,998
104036	09129329	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Biological Sciences	93.701	Wanner Barry L	Transition support for the www.EcoliHub.org Information Resource	08/31/2009 - 01/31/2010	\$ 305,000	\$ 305,000
104044	09086405	NATIONAL SCIENCE FOUNDATION	Earth/Atmospheric Sc	47.082	Michalski Greg M	Development of New Instrumentation: Laser Decomposition Isotope Interface (LADII)-Total Isotope Analysis of Nanomolar Amounts of Sulfate and Nitrate	09/15/2009 - 08/31/2010	\$ 83,171	\$ 83,171

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
104049	09043767	NATIONAL SCIENCE FOUNDATION	Chemistry	47.082	Shepson Paul B	Collaborative Research: PROPHET 2009 - Community Atmosphere-Biosphere Interactions Experiment (CABINEX)	09/15/2009 - 08/31/2011	\$ 116,836	\$ 116,836
104079	07042278	BAYLOR COLLEGE OF MEDICINE	Biological Sciences	93.701	Jiang Wen	Structures of the portal vertex in dsDNA viruses and virus-infected cells	05/22/2009 - 04/30/2010	\$ 139,708	\$ 69,856
104102	09118557	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Chemistry	93.701	Ghosh Arun K	Design and Synthesis of NonPeptide Protease Inhibitors	09/29/2009 - 08/31/2011	\$ 343,986	\$ 213,216
104124	09108072	PHS-NIH NATIONAL CANCER INSTITUTE	Chemistry	93.701	Wei Alexander	Investigating Tumor Growth Dynamics Using Multimodal Contrast Agents and Optical Coherence Elastography	09/30/2009 - 08/31/2010	\$ 1,000,000	\$ 500,000
104128	08126446	NATIONAL SCIENCE FOUNDATION	Physics	47.082	Caffee Marc W	Collaborative Research: Cosmogenic Radionuclides in the Deep WAIS Divide Core	08/01/2009 - 07/31/2013	\$ 526,883	\$ 526,883
104174	09118285	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Biological Sciences	93.701	Wanner Barry L	Comprehensive Mapping and Annotation of the E. coli Transcriptome	09/30/2009 - 08/31/2010	\$ 1,000,000	\$ 500,000
104211	09064815	WASHINGTON UNIVERSITY	Biological Sciences	93.701	Pak William L	G Protein Subunit Function	09/30/2009 - 09/29/2010	\$ 82,350	\$ 82,128
<b>Subtotal</b>								<b>\$ 26,889,824</b>	<b>\$ 14,977,138</b>

### College of Technology

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
204156	10011573	Mezzetta Construction Services	Bldg Const Mgmt Tech	81.042	Alter Kirk D	IHCDA Home Energy Conservation Program: Technical Monitoring Services	10/01/2009 - 05/31/2010	\$ 634,287	\$ 634,287
<b>Subtotal</b>								<b>\$ 634,287</b>	<b>\$ 634,287</b>

### College of Veterinary Medicine

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103738	09075319	PHS-NIH NATIONAL CANCER INSTITUTE	Basic Medical Sci	93.701	Andrisani Ourania M	Role of Polo-like-kinase (Plk-1) in Hepatitis B Virus-mediated hepatocellular carcinoma	06/01/2009 - 05/31/2010	\$ 419,375	\$ 201,300
103764	08083871	PHS-NIH NAT INST ARTHRIT,MUSCUL,SKIN DIS	Basic Medical Sci	93.701	Pond Amber Lynn	Role of Merg I a K+ Channel in the Onset of Skeletal MuscleAtrophy	06/10/2009 - 05/31/2010	\$ 228,750	\$ 76,250
<b>Subtotal</b>								<b>\$ 648,125</b>	<b>\$ 277,550</b>

### Discovery Park

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103741	09043329	ENERGY, U.S. DEPARTMENT OF	Energy Center	81.049	McCann Maureen C	Center for the Catalytic Conversion of Biomass to Bioenergy(C3Bio)	08/01/2009 - 07/31/2014	\$ 15,074,136	\$ 15,074,136
103745	09054249	PHS-NIH NATIONAL CANCER INSTITUTE	Oncological Sci Ctr	93.701	Rafferty M Daniel	Metabolomics-based Identification of Hepatocellular Cancer Biomarkers	05/17/2009 - 04/30/2010	\$ 425,649	\$ 211,476
103758	09011822	NATIONAL SCIENCE FOUNDATION	Oncological Sci Ctr	47.082	Zhang Dabao	CAREER: A New Regularization Framework for Identifying Composite Signatures	06/01/2009 - 05/31/2014	\$ 433,291	\$ 433,291
103759	08030303	PHS-NIH NAT CENTER FOR RESEARCH RESOURCE	Bindley Biosci Ctr	93.701	Tao Weiguo Andy	Acquisition of a High Resolution Orbitrap Mass Spectrometerfor Analysis of Protein Modifications	05/21/2009 - 05/20/2010	\$ 953,440	\$ 968,680
103774	09032993	NATIONAL SCIENCE FOUNDATION	Bindley Biosci Ctr	47.082	Porterfield D. Marshall	Physiologically-Coupled Biosensing Approaches for Real-timeMonitoring of Environmental Contaminants	09/01/2009 - 08/31/2012	\$ 397,828	\$ 397,828
103786	09011954	NATIONAL SCIENCE FOUNDATION	CAID Center	47.082	Cooks Robert Graham	Ion Reaction, Ion Dissociation and Ion Collection in the Open Laboratory Environment	07/01/2009 - 06/30/2013	\$ 950,000	\$ 950,000

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103788	09043724	PHS-NIH NAT INST ALLERGY INFECTIOUS DIS	Bindley Biosci Ctr	93.701	Kuhn Richard J	Membrane Rearrangements in Flavivirus Infected Cells	06/19/2009 - 05/31/2010	\$ 419,375	\$ 228,750
103881	09086195	NATIONAL SCIENCE FOUNDATION	Birck Nanotech Ctr	47.082	Raman Arvind	GOALI: Nonlinear, multi-modal, and stochastic dynamics of low-stiffness microcantilevers in liquid environment Atomic Force Microscopy	08/01/2009 - 07/31/2012	\$ 365,000	\$ 365,000
103892	09043721	NATIONAL SCIENCE FOUNDATION	PCCRC	47.082	Huber Matthew	Collaborative Research: Integrating proxies and Earth System Models to elucidate water cycle dynamics:Did global warming cause an enhanced hydrologica	08/01/2009 - 07/31/2012	\$ 472,346	\$ 472,346
103909	09011829	NATIONAL SCIENCE FOUNDATION	Birck Nanotech Ctr	47.082	Chen Yong P	CAREER: Table-top High Energy Physics in Graphene	09/01/2009 - 08/31/2014	\$ 550,000	\$ 550,000
103917	09075527	NATIONAL SCIENCE FOUNDATION	PCCRC	47.082	Michalski Greg M	A New Regional Paleo-Precipitation Proxy: Oxygen Isotopes in Desert Nitrate	08/01/2009 - 07/31/2012	\$ 335,000	\$ 335,000
103920	09107638	NATIONAL SCIENCE FOUNDATION	Energy Center	47.082	Agrawal Rakesh	EFRI-HyBi: Maximizing Conversion of Biomass Carbon to Liquid Fuel	08/01/2009 - 07/31/2013	\$ 2,000,000	\$ 2,000,000
103939	09086001	NATIONAL SCIENCE FOUNDATION	Birck Nanotech Ctr	47.082	Savran Cagri A	Hybrid Bionanomechanical Systems for Single Molecule Detection	08/15/2009 - 07/31/2012	\$ 270,000	\$ 270,000
103940	09043923	NATIONAL SCIENCE FOUNDATION	Bindley Biosci Ctr	47.082	Friedman Alan M	III-Medium:Collabroative Research:Integration,Prediction,and Generation of Mixed Mode Information using Graphical Models,with applications to protein	08/15/2009 - 07/31/2012	\$ 96,568	\$ 96,568
103942	09011818	NATIONAL SCIENCE FOUNDATION	PCCRC	47.082	Gurney Kevin R	CAREER: A highly-resolved, process-driven fossil fuel CO2 inventory to advance carbon science, climate science, decision making and education	08/15/2009 - 07/31/2014	\$ 647,073	\$ 647,073
103955	09053962	UNIVERSITY OF TEXAS AT AUSTIN	PURVAC	47.082	Ebert David S	Enabling Transformational Science and Engineering Through Integrated Collaborative Visualization and Data Analysis for the National User Community	08/01/2009 - 07/31/2012	\$ 615,777	\$ 207,007
103961	09065044	NATIONAL SCIENCE FOUNDATION	Cyber Center	47.082	Raghunathan Anand	SHF: Small: High-level programming models and frameworks for GPGPU-based computing	08/15/2009 - 07/31/2012	\$ 477,739	\$ 477,739
103997	09086043	NATIONAL SCIENCE FOUNDATION	Birck Nanotech Ctr	47.082	Weiner Andrew M	Innovative Silicon Photonics for Polarization Sensing and Control	09/01/2009 - 08/31/2012	\$ 409,247	\$ 409,247
104074	09129374	NATIONAL SCIENCE FOUNDATION	Bindley Biosci Ctr	47.082	Kirchmaier Ann L	Single Molecule Tools for Evaluating Histone Modifications in Single Living Cells	09/01/2009 - 08/31/2011	\$ 298,298	\$ 298,298
104169	09043713	PHS-NIH NAT INST OF GENERAL MEDICAL SCI	Bindley Biosci Ctr	93.701	Cramer William A	Innovative Methods in Membrane Protein Production for Structure Determination	09/30/2009 - 08/31/2010	\$ 1,056,787	\$ 656,767
104195	09128973	PHS-NIH NATIONAL CANCER INSTITUTE	Bindley Biosci Ctr	93.701	Regnier Fred E	APT: The analytical Proteomics Team Administrative Supplement	09/28/2009 - 08/31/2011	\$ 854,300	\$ 344,400
104202	09118773	IU SCHOOL OF MEDICINE	Bindley Biosci Ctr	93.701	Green Mark A	Indiana Clinical and Translational Science Institute	09/17/2009 - 09/16/2011	\$ 18,575	\$ 18,575
<b>Subtotal</b>								<b>\$ 27,120,429</b>	<b>\$ 25,412,181</b>

### Graduate School

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
104137	10043650	NATIONAL SCIENCE FOUNDATION	Grad School Admin	47.082	Smith Mjt	NSF Stimulus Graduate Fellowship Research Program 2009-2012	08/01/2009 - 07/31/2010	\$ 1,000,000	\$ 333,333
<b>Subtotal</b>								<b>\$ 1,000,000</b>	<b>\$ 333,333</b>

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
<b>Information Technology</b>									
Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
104047	09129347	NATIONAL SCIENCE FOUNDATION	RCAC	47.082	Klimeck Gerhard	Instant-On Simulation Delivery: Helping TeraGrid Achieve Its Wide and Open Strategic Goals	09/01/2009 - 08/31/2011	\$ 1,426,404	\$ 1,426,404
<b>Subtotal</b>								<b>\$ 1,426,404</b>	<b>\$ 1,426,404</b>

**Physical Facility**

Grant	Coeus	Sponsor	Lead Center	CFDA	PI	Title	Project Period	Proposal Amt	Award Amt
103777	09129621	FEDERAL AVIATION ADMINISTRATION	Airport Operations	20.106	Stansbury Betty M	Increase Height of Perimeter Wildlife Fence from 8 Feet to 11 Feet (approximately 30,000 ft.)	06/01/2009 - 09/30/2010	\$ 815,880	\$ 815,880
<b>Subtotal</b>								<b>\$ 815,880</b>	<b>\$ 815,880</b>

<b>Grand Total</b>								<b>\$ 80,801,409</b>	<b>\$ 59,795,410</b>
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