

March 01 - 31, 2009

386

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,462,700	NATIONAL SCIENCE FOUNDATION	420-40-71
92643	Metabolomics: A Functional Genomics Tool for Deciphering Functions of Arabidopsis Genes in the Context of Metabolic and Regulatory Networks	
	3/1/09 to 2/28/10 RESEARCH	
	NIKOLAU, BASIL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES
CO-PI	WURTELE, EVE	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI	DIXON, PHILIP	STATISTICS-LAS
CO-PI	DICKERSON, JULIE	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$1,206,815	NUGENPLASM COMPANY	400-43-79
93665	Transgenic Maize Seeds with Enhanced Starch Property for Bio-Processing	
	3/1/09 to 4/1/14 RESEARCH	
	WANG, KAN	AGRONOMY-CALS
CO-PI	JANE, JAY-LIN	FOOD SCIENCE & HUMAN NUTRITION-CALS
\$1,200,000	DEPARTMENT OF ENERGY	401-25-05
90401	Syngas to Synfuels Process Development Unit - Phase I	
	9/30/08 to 12/31/09 RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING
CO-PI	JONES, SAMUEL	CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES
\$1,000,000	DEPARTMENT OF ENERGY, GOLDEN FIELD OFFICE	401-25-04
94170	A Systems Approach to Bio-Oil Stabilization	
	9/30/08 to 9/30/10 RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR
CO-PI	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	MEYER, TERRENCE	MECHANICAL ENGINEERING-ENGR
CO-PI	SUBRAMANIAM, SHANKAR	MECHANICAL ENGINEERING-ENGR
CO-PI	FOX, RODNEY	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	SATRIO, JUSTINUS	CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED
CO-PI	JONES, SAMUEL	CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED

March 01 - 31, 2009

387

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$944,899 DEPARTMENT OF ENERGY

401-25-09

91655 Catalytic Production of Ethanol from Biomass-Derived Synthesis Gas

9/30/08 to 6/30/10 RESEARCH

LIN, SHANG-YI CHEMISTRY
CO-PI KRAUS, GEORGE CHEMISTRY
CO-PI BROWN, ROBERT MECHANICAL ENGINEERING
CO-PI PRUSKI, MAREK AMES LABORATORY
CO-PI SATRIO, JUSTINUS AMES LABORATORY

\$914,190 NATIONAL SCIENCE FOUNDATION

420-61-82

92539 GEPR Comparative Evolutionary Genomics of Cotton

3/1/09 to 2/28/10 RESEARCH

WENDEL, JONATHAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
CO-PI LESHEM-ACKERMAN, ADAH ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

\$685,000 NORTH CAROLINA STATE UNIVERSITY

400-39-17

98314 Dairy Records Management System

5/1/09 to 4/30/10 EXTENSION/PUBLIC

HOGBERG, MAYNARD ANIMAL SCIENCE-EXT
CO-PI PALAS, GREGORY ANIMAL SCIENCE-EXT

\$244,199 MEDICAL COLLEGE OF WISCONSIN

404-17-74

94474 Neuroprotection by Mitochondria-Targeted Antioxidants

2/1/09 to 1/31/10 RESEARCH

KANTHASAMY, ANUMANATHA BIOMEDICAL SCIENCES-VET

\$240,000 UT-BATELLE, OAK RIDGE NATIONAL LABORATORY

404-26-01

97532 UPC Compile-Time Error Detection Test Suite

3/2/09 to 9/30/09 RESEARCH

LUECKE, GLENN MATHEMATICS-LAS

March 01 - 31, 2009

388

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$238,689	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	422-46-02
73280	A Prototype Remote Sensing Validation Site: Towards a Multi-Variable Approach to Validating and Scaling Remotely-Sensed Observations of the Water Cycle 2/1/09 to 1/31/11 RESEARCH	
CO-PI	HORNBuckle, BRIAN AGRONOMY KALEITA-FORBES, AMY AGRICULTURAL & BIOSYSTEMS ENGINEERING	
\$230,000	NATIONAL APPLIED RESEARCH LABORATORIES	400-21-61
96088	East Asian Monsoon Experiment 6/1/08 to 5/31/09 RESEARCH CHEN, TSING-CHANG GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$211,000	NORTHWEST AREA FOUNDATION	400-30-25
95687	Horizons Community Implementation Project Phase III 7/17/08 to 7/31/10 EXTENSION/PUBLIC WARNING, JEANNE EXTENSION TO FAMILIES-EXT CO-PI FLETCHER, CYNTHIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT CO-PI FREEMAN, RUTH EXTENSION TO FAMILIES-EXT	
\$204,999	NATIONAL INSTITUTES OF HEALTH	430-46-04
94385	Use of RecA to Promote Gene Targeting 3/1/09 to 2/28/10 RESEARCH ESSNER, JEFFREY GENETICS, DEVELOPMENT & CELL BIOLOGY-AES	
\$171,504	DEPARTMENT OF EDUCATION	432-21-01
85932	Chemical Transformations of Biomass: A New Direction in Graduate Education 8/15/07 to 8/14/09 FELLOWSHIP PETRICH, JACOB CHEMISTRY	
\$168,890	NUGENPLASM COMPANY	400-43-35
93683	Identification of Cellular Mechanisms Underlying the Improvements in Growth Rate and Feed Efficiency Achieved by Feeding Morinda Citrifolia 3/1/09 to 2/28/10 RESEARCH SPURLOCK, MICHAEL FOOD SCIENCE & HUMAN NUTRITION-CALS	

March 01 - 31, 2009

389

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$148,606 UNIVERSITY OF ILLINOIS

404-17-72

90475 Theoretical Foundations and Design of Self-Healing and Fast-Recovery Strategies for Network Infrastructure Protection

2/19/08 to 2/18/10 RESEARCH

YING, LEI

ELECTRICAL & COMPUTER ENGINEERING

\$134,909 NATIONAL SCIENCE FOUNDATION

420-21-67

78824 Quantitative Characterization of the Vibratory Enhancement of Organic-Fluid Flow in Porous Media: Integrated Experimental and Theoretical Approach

5/1/07 to 4/30/10 RESEARCH

BERESNEV, IGOR

GEOLOGICAL & ATMOSPHERIC SCIENCES

CO-PI VIGIL, DENNIS

CHEMICAL & BIOLOGICAL ENGINEERING

\$132,305 CORPORATION FOR PUBLIC BROADCASTING

400-12-01

96770 FY09 Community Service Grant

10/1/08 to 9/30/10 DEPT/ADMIN SUPPORT

WIRTH, DONALD

WOI RADIO-VPBF

\$126,543 UNIVERSITY OF IOWA

404-21-75

98018 Alliance for the Production of African American Ph.Ds in the Mathematical Sciences

8/1/05 to 7/31/09 INSTRUCTION/TRAINING

HOGBEN, LESLIE

MATHEMATICS-LAS

CO-PI KAISER, MARK

STATISTICS-LAS

\$125,000 IOWA DEPARTMENT OF TRANSPORTATION

474-79-44

97802 Iowa's Public Employees Leadership Academy

2/20/09 to 2/28/11 EXTENSION/PUBLIC

SMITH, DUANE

CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

CO-PI NAMBISAN, SHASHI

CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

\$117,315 NATIONAL INSTITUTES OF HEALTH

430-23-41

91089 Role of B Cells in the Cell-Mediated Immune Response to Leishmania Amazonensis

5/1/09 to 4/30/10 RESEARCH

GIBSON-CORLEY, KATHERINE

VETERINARY PATHOLOGY

March 01 - 31, 2009

390

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$112,486	CALIFORNIA INSTITUTE OF TECHNOLOGY			404-20-07
73949	IMR - MIP DANSE			
	6/1/06 to 5/31/09	RESEARCH		
	USTUNDAG, ERSAN		MATERIALS SCIENCE & ENGINEERING	
CO-PI	GENALO, LAWRENCE		MATERIALS SCIENCE & ENGINEERING	
CO-PI	SCHMIDT, DENISE		CURRICULUM & INSTRUCTION	
\$101,478	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH			421-20-15
95706	Bio-Inspired Integrated Sensing and Control of Flapping Flight for Micro Aerial Vehicles			
	2/15/09 to 11/30/09	RESEARCH		
	CHUNG, SOON-JO		AEROSPACE ENGINEERING-ENGR	
\$100,000	CONCRETE REINFORCING STEEL INSTITUTE			400-17-72
97688	Management of the National Concrete Pavement Technology Center			
	1/1/09 to 12/31/09	DEPT/ADMIN SUPPORT		
	CACKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$99,796	NATIONAL SCIENCE FOUNDATION			420-61-03
90177	Collaborative Research: Oxidative Stress, Telomere Dynamics and Aging in a Free-Living Organism			
	4/1/08 to 3/31/10	RESEARCH		
	VLECK, CAROL		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
CO-PI	VLECK, DAVID		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$94,000	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-01
77888	Leopold Center Support			
	11/1/08 to 1/31/99	RESEARCH		
	DEWITT, JERALD		ENTOMOLOGY	
\$92,955	THE COOPER INSTITUTE			400-64-01
97725	Evaluation of Fitnessgram Centers of Excellence Project			
	9/1/08 to 7/31/10	RESEARCH		
	WELK, GREGORY		KINESIOLOGY-HS	

March 01 - 31, 2009

391

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$92,955	THE COOPER INSTITUTE			400-64-01
97725	Evaluation of Fitnessgram Centers of Excellence Project			
	9/1/08 to 7/31/10	RESEARCH		
CO-PI	IHMELS, MICHELLE		KINESIOLOGY-HS	
\$90,000	MIDWEST DAIRY ASSOCIATION			400-40-77
97640	Midwest Dairy Association Research Program			
	1/1/09 to 12/31/09	RESEARCH		
	MACDONALD, RUTH		FOOD SCIENCE & HUMAN NUTRITION-CALS	
\$87,021	OFFICE OF NAVAL RESEARCH			421-21-24
97671	Towards Secure and Privacy-Preserving Deployment and Access of Large Tactical Sensor Networks			
	6/1/09 to 5/13/12	RESEARCH		
	ZHANG, WENSHENG		COMPUTER SCIENCE-LAS	
\$75,000	CONOCOPHILLIPS COMPANY			400-77-17
97269	Biofuels Research Program			
	1/1/09 to 12/31/09	RESEARCH		
	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	
\$67,159	OFFICE OF NAVAL RESEARCH			421-20-04
78084	Three Dimensional Interactive Microstructural Evolution Tool - iMET-3D: Data Mining and Analysis			
	12/1/05 to 3/31/10	RESEARCH		
	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING	
\$64,229	NATIONAL INSTITUTES OF HEALTH			430-46-23
87158	The Etiology of Birth Defects: Implications for GNMT Activation			
	3/6/08 to 2/28/10	RESEARCH		
	SCHALINSKE, KEVIN		FOOD SCIENCE & HUMAN NUTRITION	

March 01 - 31, 2009

392

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$62,322	IOWA DEPARTMENT OF HUMAN SERVICES			470-30-05
97667	Project Recovery			
	5/25/08 to 9/30/09	EXTENSION/PUBLIC		
	GLENN, SHERRY		EXTENSION TO FAMILIES-EXT	
CO-PI	VANGINKEL, MARGARET		EXTENSION TO FAMILIES-EXT	
\$62,320	TERUMO CORPORATION, ASHITAKA FACTORY			400-20-95
97165	Fabrication of Transition Element Metal-metal Composites			
	12/10/08 to 8/1/09	RESEARCH		
	RUSSELL, ALAN		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$60,000	DEPARTMENT OF ENERGY			401-20-03
80641	Industrial Assessment Center			
	9/1/06 to 8/31/11	RESEARCH		
	MAXWELL, GREGORY		MECHANICAL ENGINEERING	
CO-PI	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	
CO-PI	NELSON, RON		MECHANICAL ENGINEERING	
\$60,000	DEPARTMENT OF AGRICULTURE, ARS			419-26-01
97979	Conservation Effects Assessment Project Database Development			
	9/26/07 to 12/31/10	RESEARCH		
	KANE, KEVIN		GEOGRAPHIC INFORMATION SYSTEMS SUPPORT & RESEARCH FACILITY-PROV	
\$58,900	IOWA DEPARTMENT OF HUMAN SERVICES			470-21-05
97808	EDEC Implementation			
	3/2/09 to 6/30/11	EXTENSION/PUBLIC		
	NORDMAN, DANIEL		STATISTICS-LAS	
CO-PI	VARDEMAN, STEPHEN		STATISTICS-LAS	
\$54,141	UNIVERSITY OF COLORADO			404-20-01
83019	Development, Verification and Validation of Multiphase Models for Polydisperse Flow			
	5/18/07 to 5/17/09	RESEARCH		
	SUBRAMANIAM, SHANKAR		MECHANICAL ENGINEERING	

March 01 - 31, 2009

393

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$54,141	UNIVERSITY OF COLORADO			404-20-01
83019	Development, Verification and Validation of Multiphase Models for Polydisperse Flow			
	5/18/07 to 5/17/09	RESEARCH		
CO-PI	FOX, RODNEY		CHEMICAL & BIOLOGICAL ENGINEERING	
\$53,428	NATIONAL INSTITUTES OF HEALTH, NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT			430-28-18
97498	Physical Activity Monitoring in Prepubescent Children			
	11/1/08 to 2/28/09	RESEARCH		
	LANNINGHAM-FOSTER, LORRAINE		FOOD SCIENCE & HUMAN NUTRITION-HS	
\$50,000	CITY OF AMES			400-17-69
97796	A Transportation Safety Planning Tool for the City of Ames			
	3/1/09 to 2/28/10	RESEARCH		
CO-PI	GKRITZA, KONSTANTINA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$50,000	NOVOZYMES			400-72-04
97996	Center for Biorenewable Chemicals Membership			
	9/1/08 to 8/31/09	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$50,000	TENSAR			400-17-79
98366	Intelligent Compaction for Evaluation of Geogrid Reinforced Base Material			
	3/12/09 to 4/12/09	RESEARCH		
CO-PI	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$48,982	IOWA DEPARTMENT OF EDUCATION			472-28-10
98096	Project LINC'S Evaluation			
	3/1/09 to 10/13/09	RESEARCH		
	GALLOWAY, ROBIN		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	

March 01 - 31, 2009

394

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$47,081	STORY COUNTY DEPARTMENT OF PUBLIC HEALTH	404-28-17
96851	Regional Dissemination of School and Community Programming Through the Iowa State University Campus Community Partnership for Health 12/1/08 to 6/30/09 RESEARCH	
	CO-PI WELK, GREGORY KINESIOLOGY-HS SEEGER, CHRISTOPHER LANDSCAPE ARCHITECTURE-DSN	
\$46,789	BROOKHAVEN NATIONAL LABORATORY	404-21-26
96348	RHIC Physics Fellows Program 9/1/08 to 3/31/09 FELLOWSHIP	
	SHINAR, JOSEPH PHYSICS & ASTRONOMY-LAS	
\$46,242	UNITED STATES ARMY CORPS OF ENGINEERS	421-20-36
98262	Water Quality Study, Saylorville Reservoir 3/1/09 to 4/30/09 RESEARCH	
	CO-PI LUTZ, DONNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR ONG, SAY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$44,000	INVOCON, INC	404-25-03
92666	Detection of Pressure Vessel Breach in Manned Spacecraft Using Leak-Generated, Structure-Borne Noise - Phase II 8/15/08 to 6/1/09 RESEARCH	
	CO-PI CHIMENTI, DALE AEROSPACE ENGINEERING-ENGR ROBERTS, RONALD AEROSPACE ENGINEERING-ENGR CO-PI HOLLAND, STEPHEN AEROSPACE ENGINEERING-ENGR	
\$43,200	UNIVERSITY OF NORTHERN IOWA	400-17-66
97496	IT-Olympics, 2009 1/16/09 to 5/31/09 INSTRUCTION/TRAINING	
	JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$42,703	IOWA DEPARTMENT OF TRANSPORTATION	474-17-83
97422	Lane Departure Safety Countermeasures: Strategic Action Plan for the Iowa Department of Transportation 3/1/09 to 12/31/09 RESEARCH	
	NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	

March 01 - 31, 2009

395

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$42,703	IOWA DEPARTMENT OF TRANSPORTATION	474-17-83
97422	Lane Departure Safety Countermeasures: Strategic Action Plan for the Iowa Department of Transportation	
	3/1/09 to 12/31/09 RESEARCH	
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$42,031	UNIVERSITY OF MARYLAND	404-65-01
78949	Iron-Based Magnetostrictive Alloys: New Structural Materials for Revolutionary Engineered Systems	
	10/1/07 to 12/31/09 RESEARCH	
CO-PI	LOGRASSO, THOMAS	MATERIALS SCIENCE & ENGINEERING
	MCQUEENEY, ROBERT	PHYSICS & ASTRONOMY
\$41,479	FLORIDA STATE UNIVERSITY	404-17-15
90599	Taking the Lead in Community Wellness: Improving Dietary Behaviors of Mid-Life and Older African Americans	
	6/3/08 to 1/31/10 RESEARCH	
	WICKRAMA, K.	HUMAN DEVELOPMENT & FAMILY STUDIES
\$38,750	RENSSELAER POLYTECHNIC INSTITUTE	404-25-22
82788	Electromagnetic Field Concentration for Enhanced Infrared Detection	
	6/15/06 to 5/31/09 RESEARCH	
	HO, KAI-MING	PHYSICS & ASTRONOMY
\$36,764	UNIVERSITY OF ILLINOIS	410-21-05
95944	Assessing the Effects of Food Stamps on Child Outcomes When Program Participation is Misreported	
	12/16/08 to 10/31/09 RESEARCH	
	KREIDER, BRENT	ECONOMICS-CALS
\$35,367	NORTH CAROLINA STATE UNIVERSITY	400-43-70
97121	Strategic Habitat Conservation in Puerto Rico	
	1/1/09 to 12/31/11 RESEARCH	
	DINSMORE, STEPHEN	NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS

March 01 - 31, 2009

396

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$35,000	KIRKWOOD COMMUNITY COLLEGE			404-28-13
96560	Evaluation of Agrowknowledge Resource Center for Agriscience and Technology Education			
	7/1/08 to 6/30/09	RESEARCH		
	ANDERSON, MARY		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
CO-PI	KEMIS, MARI		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$30,000	DEPARTMENT OF AGRICULTURE, FS			412-45-35
94472	The Association of Raffaelea Lauricola and Other Ophiostomatoid Fungi with Xyleborus Glabratus and Other Ambrosia Beetles in Southeastern United States and Asia			
	3/5/09 to 2/28/11	RESEARCH		
	HARRINGTON, THOMAS		PLANT PATHOLOGY-CALS	
\$30,000	UNIVERSITY OF ILLINOIS			410-30-93
97069	Midwest Weather Working Group-Year 2			
	3/15/09 to 3/14/10	EXTENSION/PUBLIC		
	GLEASON, MARK		PLANT PATHOLOGY-EXT	
\$30,000	RAYTHEON NETWORK CENTRIC SYSTEMS			400-17-29
97564	NSF I/UCRC Center for Information Protection-Raytheon			
	1/1/09 to 12/31/09	RESEARCH		
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$30,000	IOWA DEPARTMENT OF TRANSPORTATION			474-17-48
97584	Implementation and Operation of the Iowa Department of Transportation Pavement Management Optimization Model			
	11/1/07 to 12/31/09	RESEARCH		
	SMADI, OMAR		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$30,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-40-10
98290	Detecting Homologous Recombination in Plants			
	2/23/09 to 7/31/09	RESEARCH		
	WRIGHT, DAVID		GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	

March 01 - 31, 2009

397

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$29,993	CITY OF SOUTH SIOUX CITY				400-07-05
98162	South Sioux City Sleeping Cabins 2009				
	2/1/09	to	6/30/09	INSTRUCTION/TRAINING	
	BASSLER, BRUCE			ARCHITECTURE-DSN	
\$25,964	DUCKS UNLIMITED INSTITUTE FOR WETLAND & WATERFOWL RESEARCH				400-42-33
93486	Muskrat Population Dynamics in the Summerberry Marshes, Manitoba				
	4/1/08	to	3/31/11	RESEARCH	
	CLARK, WILLIAM			ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS	
\$25,000	MIDWEST TRANSMISSION INDEPENDENT SYSTEM				400-60-81
98416	Midwest Transmission Independent Systems-Electric Power Research Company				
	1/1/09	to	12/31/09	RESEARCH	
	BAIRD, TOM			ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$24,000	VETERANS ADMINISTRATION CENTER - IOWA CITY				428-23-13
84162	Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury				
	10/1/08	to	9/30/09	RESEARCH	
	GROZDANIC, SINISA			VETERINARY CLINICAL SCIENCES	
CO-PI	SAKAGUCHI, DONALD			GENETICS, DEVELOPMENT & CELL BIOLOGY	
\$23,097	UNITED STATES ARMY CORPS OF ENGINEERS				421-20-35
98271	Water Quality Study, Red Rock Reservoir				
	3/1/09	to	4/30/09	RESEARCH	
	LUTZ, DONNA			CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY			CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$23,000	VETERANS ADMINISTRATION CENTER - IOWA CITY				428-23-13
84162	Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury				
	10/1/08	to	9/30/09	RESEARCH	
	GROZDANIC, SINISA			VETERINARY CLINICAL SCIENCES	
CO-PI	SAKAGUCHI, DONALD			GENETICS, DEVELOPMENT & CELL BIOLOGY	

March 01 - 31, 2009

398

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$21,444	FUTURE OF IOWA FOUNDATION			400-43-84
97998	Indicators of Iowa's Research and Development Climate			
	2/10/09 to 5/10/09	RESEARCH		
	SWENSON, DAVID	ECONOMICS-AES		
\$20,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-31
97927	Iowa Traffic Safety Data Service			
	5/1/05 to 6/30/10	RESEARCH		
	SOULEYRETTE, REGINALD	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
\$18,712	NATIONAL SCIENCE FOUNDATION			420-61-77
97100	Research Opportunity Award: Biodiversity of Native and Exotic Communities			
	3/24/09 to 12/31/09	RESEARCH		
	WILSEY, BRIAN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS		
\$17,741	NATIONAL SCIENCE FOUNDATION			420-21-35
84324	The Ada Hayden Herbarium: Consolidation, Preservation, and Computerization			
	3/25/09 to 4/30/10	RESEARCH		
	CLARK, LYNN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY		
CO-PI	LEWIS, DEBORAH	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY		
CO-PI	COLBERT, JAMES	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY		
CO-PI	FARRAR, DONALD	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY		
\$15,527	IOWA DEPARTMENT OF HUMAN SERVICES			470-30-30
97964	Iowa QRS Environmental Rating Scale Training			
	7/1/08 to 6/30/09	EXTENSION/PUBLIC		
	OESTERREICH, LESIA	HUMAN DEVELOPMENT & FAMILY STUDIES-EXT		
CO-PI	MAYS, SHARON	EXTENSION TO FAMILIES-EXT		

March 01 - 31, 2009

399

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$15,000	UNIVERSITY OF NEBRASKA-LINCOLN	410-30-59
97761	Financial Security for All, Community of Practice	
	1/1/09 to 12/31/09 EXTENSION/PUBLIC	
	SWANSON, PATRICIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$15,000	NATIONAL SCIENCE FOUNDATION	420-61-56
97932	REU: Collaborative Research: ATOL: ProTol-The Porifera Tree of Life Project	
	3/18/09 to 9/30/10 INSTRUCTION/TRAINING	
	LAVROV, DENNIS ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$14,757	IOWA DEPARTMENT OF TRANSPORTATION	474-17-79
95920	Iowa's Traffic Safety Analysis Manual	
	2/1/09 to 1/31/10 RESEARCH	
	MCDONALD, THOMAS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
	CO-PI NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$13,846	WESTINGHOUSE ELECTRIC COMPANY	400-25-74
96734	Development of Model Software for Assessing Deposit Detection Capabilities by Eddy Current	
	11/19/08 to 5/30/09 RESEARCH	
	NAKAGAWA, NORIO CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$12,960	AKC CANINE HEALTH FOUNDATION	400-43-78
97913	SNP Chip Analyses for Canine Cryptorchidism	
	5/1/09 to 4/30/10 RESEARCH	
	ROTHSCHILD, MAX ANIMAL SCIENCE-CALS	
\$12,000	POLK COUNTY PUBLIC HEALTH DEPARTMENT	400-28-99
98031	Evaluation of Switch Campaign	
	3/1/09 to 6/30/10 RESEARCH	
	WELK, GREGORY KINESIOLOGY-HS	

March 01 - 31, 2009

400

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$11,753	IOWA DEPARTMENT OF TRANSPORTATION	474-21-02
96013	Effects of Planting Method on Species Diversity and Nutrient Cycling in Grassland Reconstruction	
	1/1/09 to 6/30/10 RESEARCH	
	MOLONEY, KIRK	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
CO-PI	WILSEY, BRIAN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
CO-PI	YURKONIS, KATHRYN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
\$11,345	UNIVERSITY OF WISCONSIN	410-30-62
91436	Development of IPM-Based Corn Fungicide Guidelines for the North Central States	
	8/15/08 to 8/14/09 RESEARCH	
	ROBERTSON, ALISON	PLANT PATHOLOGY
\$11,289	ADVANCED EARTH SCIENCE AND TECHNOLOGY ORGANIZATION	400-21-53
98280	Services Agreement Between Iowa State University and Advanced Earth Science and Technology Organization/IDOP-MI	
	3/1/09 to 3/31/09 RESEARCH	
	CERVATO, CINZIA	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS
\$10,511	UNIVERSITY OF NORTHERN IOWA	475-28-18
97541	Mapping the Needs of Iowa's Math and Science Teachers	
	2/1/09 to 5/31/09 RESEARCH	
	HAGEDORN, LINDA	EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS
CO-PI	ANDERSON, MARY	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS
\$10,160	UNIVERSITY OF CALIFORNIA - LOS ANGELES	404-21-36
85747	Data Assimilation in Operational Watershed Models for Short and Long-Term Hydrologic Forecasting	
	10/1/07 to 9/30/09 RESEARCH	
	FRANZ, KRISTIE	GEOLOGICAL & ATMOSPHERIC SCIENCES
\$9,346	IOWA WORKFORCE DEVELOPMENT	478-30-40
97902	Workforce Grantwriting	
	7/1/08 to 6/30/09 EXTENSION/PUBLIC	
	BORICH, TIMOTHY	COMMUNITY & REGIONAL PLANNING-DSN
CO-PI	GOEKEN, JANE	EXTENSION AREA - NORTHWEST-EXT

March 01 - 31, 2009

401

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$9,149	DEPARTMENT OF AGRICULTURE, ARS			419-41-51
91190	Research Support Agreement			
	10/1/07 to 9/30/08	RESEARCH		
	LAMKEY, KENDALL	AGRONOMY		
\$9,125	NATIONAL SCIENCE FOUNDATION			420-61-12
97928	REU: Gene Expression Response to Naturally Fluctuating Temperature in Turtles with Alternative Sex Determining Mechanisms			
	3/5/09 to 2/28/10	RESEARCH		
	VALENZUELA-CASTRO, MARIA	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS		
\$8,600	UNIVERSITY OF WISCONSIN			410-30-60
98292	Development of IPM-Based Corn Fungicide Guidelines for the North Central States			
	8/15/08 to 8/14/10	EXTENSION/PUBLIC		
	ROBERTSON, ALISON	PLANT PATHOLOGY-EXT		
\$8,450	AMERICAN ASTRONOMICAL SOCIETY			400-21-73
97699	Scientific Editor-The Astrophysical Journal			
	1/8/07 to 1/31/12	MISCELLANEOUS		
	KAWALER, STEVEN	PHYSICS & ASTRONOMY-LAS		
\$5,753	DAVENPORT COMMUNITY SCHOOL DISTRICT			400-33-64
96588	Local Support for Iowa AmeriCorps State of Promise Program			
	9/1/08 to 8/31/09	EXTENSION/PUBLIC		
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
\$5,300	IOWA DEPARTMENT OF PUBLIC HEALTH			478-30-36
98359	I-Smile 1-800 Line			
	2/1/09 to 9/30/09	EXTENSION/PUBLIC		
	GLENN, SHERRY	EXTENSION TO FAMILIES-EXT		
CO-PI	VANGINKEL, MARGARET	EXTENSION TO FAMILIES-EXT		

March 01 - 31, 2009

402

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,000	INTEGATED PEST MANAGEMENT INSTITUTE OF NORTH AMERICA, INC	410-30-55
95880	Promoting Conservation Practices with Iowa Crop Growers	
	1/1/09 to 5/1/09 EXTENSION/PUBLIC	
	DEWITT, JERALD ENTOMOLOGY-EXT	
\$5,000	OFFICE OF NAVAL RESEARCH	421-30-01
97895	Support for a Technical Conference on Magnetic Cooling/Refrigeration	
	1/1/09 to 9/30/09 INSTRUCTION/TRAINING	
	KIEFFER, JULIE EXTENSION COMMUNICATIONS & MARKETING-EXT	
\$5,000	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT	478-25-41
97990	Ignite IT Event	
	3/24/09 to 4/30/09 RESEARCH	
	GILBERT, STEPHEN PSYCHOLOGY-LAS	
\$4,728	AMERICAN MEAT INSTITUTE FOUNDATION	400-23-77
96940	A Workshop to Develop Reporting Guidelines for Intervention Studies in Food Safety and Production Animal Science: Modifying the Consort Statement	
	1/1/09 to 12/31/09 MISCELLANEOUS	
	OCONNOR, ANNETTE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$4,589	UNIVERSITY OF NORTHERN IOWA	475-18-01
97563	Taking the Road Less Traveled to Northwest Iowa	
	2/1/09 to 5/31/09 EXTENSION/PUBLIC	
	ZUNKEL, KAREN WOMEN IN SCIENCE & ENGINEERING-PROV	
\$4,320	DEPARTMENT OF AGRICULTURE, FS	412-21-07
97961	Biotrichium Species Study	
	4/1/09 to 3/31/10 RESEARCH	
	FARRAR, DONALD ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	

March 01 - 31, 2009

403

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,272	DEPARTMENT OF AGRICULTURE, ARS		419-41-53
91192	Research Support Agreement		
	10/1/07 to 9/30/08	RESEARCH	
	LAMKEY, KENDALL	AGRONOMY	
\$4,250	INTEGRATED PEST MANAGEMENT INSTITUTE OF NORTH AMERICA, INC		410-30-54
91669	North Central Region IPM Working Group		
	3/1/08 to 3/14/09	EXTENSION/PUBLIC	
	SHOUR, MARK	ENTOMOLOGY	
\$3,170	ADAIR COUNTY EXTENSION		400-33-64
96596	Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08 to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,125	COMMUNITY FOUNDATION OF GREATER DUBUQUE		400-33-64
97053	Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08 to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,125	LUTHERAN SERVICES IN IOWA		400-33-64
97662	Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08 to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,125	WOODBURY COUNTY EXTENSION		400-33-64
98300	Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08 to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

March 01 - 31, 2009

404

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,500	FARM SAFETY 4 JUST KIDS			400-21-59
97971	Evaluation Consultation for Farm Safety 4 Just Kids			
	2/1/09 to 6/30/09	MISCELLANEOUS		
	SHELLEY, MACK	STATISTICS-LAS		
\$2,499	DEPARTMENT OF AGRICULTURE, ARS			419-40-52
98650	Research Support Agreement			
	3/1/09 to 9/30/09	RESEARCH		
	LEWIS, LES	ENTOMOLOGY-AES/CALS		
\$2,400	NATIONAL ACADEMY OF ENGINEERING			404-20-35
94408	Recruitment and Retention Programs for Women in Mechanical Engineering			
	3/6/08 to 8/31/09	RESEARCH		
	WICKERT, JONATHAN	MECHANICAL ENGINEERING-ENGR		
\$2,139	IOWA COMMUNITY EDUCATION ASSOCIATION			400-30-85
98155	Support for the Iowa Community Education Association			
	2/1/09 to 4/30/09	EXTENSION/PUBLIC		
	TALLMAN, KELI	EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
\$2,000	AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION			433-21-09
97801	Hosting Scholars from the Former Soviet Union			
	1/11/09 to 5/17/09	INSTRUCTION/TRAINING		
	MESROPOVA, OLGA	WORLD LANGUAGES & CULTURES-LAS		
\$1,562	COMMUNITY CORRECTIONS IMPROVEMENT ASSOCIATION			400-33-64
96586	Local Support for Iowa AmeriCorps State of Promise Program			
	9/1/08 to 8/31/09	EXTENSION/PUBLIC		
	BROSHAR, DONNIE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT		

March 01 - 31, 2009

405

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,562	MAHASKA COMMUNITY RESEARCH FOUNDATION	400-33-64
96590	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,562	IOWA COUNCIL OF FOUNDATIONS	400-33-64
96593	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,562	HORIZON AFTER SCHOOL PROGRAM	400-33-64
96595	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,562	YOUTH AND SHELTER SERVICES	400-33-64
96745	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,562	WAYNE COMMUNITY SCHOOL DISTRICT	400-33-64
97052	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,225	DEPARTMENT OF AGRICULTURE, ARS	419-41-55
91195	Research Support Agreement	
	10/1/07 to 9/30/08 RESEARCH	
	LAMKEY, KENDALL AGRONOMY	

March 01 - 31, 2009

406

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

	\$850	OTTUMWA TEEN CENTER		400-33-64
96587		Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08	to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$781	MONROE COUNTY AGRICULTURAL EXTENSION		400-33-64
96585		Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08	to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$781	ASPIRE THERAPEUTIC RIDING PROGRAM		400-33-64
96592		Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08	to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$781	WAPELLO COUNTY AGRICULTURAL EXTENSION		400-33-64
97734		Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08	to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$750	ROCKFORD AFTERSCHOOL PROGRAM		400-33-64
96584		Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/08	to 8/31/09	EXTENSION/PUBLIC	
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$480	IOWA DEPARTMENT OF PUBLIC HEALTH		478-30-41
98109		Pick a Better Snack and ACT Bingo Cards		
	2/1/09	to 6/30/09	EXTENSION/PUBLIC	
	SETTLE, MARK		EXTENSION COMMUNICATIONS & MARKETING-EXT	
CO-PI	METCALF, STEPHEN		EXTENSION COMMUNICATIONS & MARKETING-EXT	

March 01 - 31, 2009

407

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$365 DEPARTMENT OF AGRICULTURE, ARS

419-41-50

91188 Research Support Agreement

10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL AGRONOMY

\$285 HARTLEY PUBLIC LIBRARY

400-33-64

96594 Local Support for Iowa AmeriCorps State of Promise Program

9/1/08 to 8/31/09 EXTENSION/PUBLIC
BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT