

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,250,000	NATIONAL SCIENCE FOUNDATION		420-72-20
88002	ERC 2: Center for Biorenewable Chemicals		
	9/1/08 to 8/31/09	RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING	
CO-PI	LESHEM-ACKERMAN, ADAH	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS	
CO-PI	MCCARLEY, TONIA	NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	OLIVER, DAVID	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	RAMAN, DAVE	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	
CO-PI	REILLY, PETE	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	ROLLINS, DERRICK	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	SHANKS, JACQUELINE	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	WOO, LEE	CHEMISTRY-LAS	
CO-PI	WURTELE, EVE	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	EUKEN, JILL	NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	NIKOLAU, BASIL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
CO-PI	ANEX, ROBERT	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	
CO-PI	BOBIK, THOMAS	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS	
CO-PI	JARBOE, LAURA	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	KRAUS, GEORGE	CHEMISTRY-LAS	
CO-PI	LAROCK, RICH	CHEMISTRY-LAS	
CO-PI	DICKERSON, JULIE	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$2,750,000	NATIONAL ACADEMY OF SCIENCES		428-17-13
97549	Geotechnical Solutions for Soil Improvement, Rapid Embankment Construction, and Stabilization of the Pavement Working Platform		
	9/25/07 to 9/24/11	RESEARCH	
	SCHAEFER, VERNON	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	WHITE, DAVID	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$2,546,541	CONOCOPHILLIPS COMPANY		400-77-17
97269	Biofuels Research Program		
	1/1/09 to 12/31/09	RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$614,924	NATIONAL SCIENCE FOUNDATION		420-20-03
85139	SEEC: STEM Student Enrollment and Engagement Through Connections		
	7/15/08 to 6/30/11	INSTRUCTION/TRAINING	
	ROVER, DIANE	ELECTRICAL & COMPUTER ENGINEERING	
CO-PI	SHELLEY, MACK	STATISTICS	
CO-PI	MICKELSON, STEVEN	AGRICULTURAL & BIOSYSTEMS ENGINEERING	
CO-PI	BRUNING, MONICA	ENGINEERING OUTREACH & RECRUITMENT	
CO-PI	LAANAN, FRANKIE	EDUCATIONAL LEADERSHIP & POLICY STUDIES	
CO-PI	JOHNSON, ROBYN	EDUCATIONAL LEADERSHIP & POLICY STUDIES	
\$510,140	DEPARTMENT OF DEFENSE		421-35-13
93977	Iowa Procurement Technical Assistance Center		
	1/1/09 to 12/31/09	EXTENSION/PUBLIC	
	BOGACZYK, DAVID	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	COX, RONALD	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$419,909	NATIONAL INSTITUTES OF HEALTH		430-23-28
79450	Preterm Birth, Lung Innate Immunity and RSV		
	2/1/09 to 1/31/10	RESEARCH	
	ACKERMANN, MARK	VETERINARY PATHOLOGY-VET	
CO-PI	BROCKUS, CHARLES	VETERINARY PATHOLOGY	
CO-PI	EVANS, RICHARD	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE	
\$400,000	DEPARTMENT OF AGRICULTURE, CSREES		416-41-13
94211	Aphid Luteovirus Interaction: Aphid Receptors, Luteovirus Receptor-Binding Domains and Blocking Luteovirus Transmission		
	1/15/09 to 1/14/12	RESEARCH	
	BONNING, BRYONY	ENTOMOLOGY-CALS	
CO-PI	LIU, SIJUN	ENTOMOLOGY-AES	
\$400,000	NATIONAL SCIENCE FOUNDATION		420-60-19
95641	CAREER: Rapid Broadband Nanoscale Viscoelasticity Measurement and Mapping of Soft Materials		
	8/1/09 to 7/31/14	RESEARCH	
	ZOU, QINGZE	MECHANICAL ENGINEERING-ENGR	

January 01 - 31, 2009

296

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$334,858 DEPARTMENT OF AGRICULTURE, CSREES, NRI

416-40-14

94245 Integrated Regulation of Lipolysis by Perilipin, Adipose Triglyceride Lipase, Integrated Regulation of Lipolysis by Perilipin, Adipose Triglyceride Lipase, and CGI-58 in Dairy Cows
1/15/09 to 1/14/12 RESEARCH
SPURLOCK, DIANE ANIMAL SCIENCE-CALS

\$296,260 DEPARTMENT OF AGRICULTURE, CSREES, NRI

416-40-13

93920 Bioinformatics to Implement Genomic Selection
1/1/09 to 12/31/11 RESEARCH
GARRICK, DORIAN ANIMAL SCIENCE-AES
CO-PI DEKKERS, JACK ANIMAL SCIENCE-CALS
CO-PI FERNANDO, ROHAN ANIMAL SCIENCE-CALS
CO-PI NETTLETON, DANIEL STATISTICS-LAS

\$274,964 UNIVERSITY OF CALIFORNIA-DAVIS

404-28-68

97341 Enhancing Child Nutrition Through Animal Source Food Management Project
10/1/08 to 8/31/09 RESEARCH
MARQUIS, GRACE FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI REDDY, MANJU FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI JENSEN, HELEN ECONOMICS-CALS
CO-PI LONERGAN, ELISABETH ANIMAL SCIENCE-CALS

\$250,000 FEDERAL HIGHWAY ADMINISTRATION

436-17-07

97096 Concrete Overlay Field Application Program-Part B
12/30/08 to 12/29/10 RESEARCH
WIEGAND, PAUL CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
CO-PI NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
CO-PI CACKLER, ELLS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

\$237,459 NATIONAL INSTITUTES OF HEALTH

430-21-05

87415 Regulations of Snare Dependent Membrane Fusion
12/1/08 to 11/30/09 RESEARCH
SHIN, YEON-KYUN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

January 01 - 31, 2009

297

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$223,174	NATIONAL INSTITUTES OF HEALTH		430-21-37
80848	Histone Modifications and Higher-Order Chromatin Structure		
	2/1/09 to 1/31/10	RESEARCH	
	SHOGREN-KNAAK, MICHAEL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$212,077	ARCHER DANIELS MIDLAND		400-77-17
97484	Biofuels Research Program		
	1/1/09 to 12/31/09	RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
CO-PI	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	BOBIK, THOMAS	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS	
\$199,827	H. C. MATERIALS CORPORATION		404-20-30
97757	Collaborative Proposal: Mitigation of Machining Induced Damage in PMN-PT Piezoelectric Single Crystal		
	1/2/08 to 11/16/10	RESEARCH	
	BASTAWROS, ASHRAF	AEROSPACE ENGINEERING-ENGR	
\$128,954	DEPARTMENT OF ENERGY		401-25-01
93016	Operating and Management Support for the Ames Laboratory		
	10/1/08 to 9/30/09	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$123,666	AGUIRRE DIVISION, JBS INTERNATIONAL		404-40-21
93026	Rural Development in Regions Heavily Impacted by Immigration		
	9/1/08 to 7/31/10	RESEARCH	
	FLORA, CORNELIA	SOCIOLOGY-CALS	
\$122,057	DEPARTMENT OF INTERIOR, NATIONAL PARK SERVICE		424-40-24
96213	Devil's Hole Pupfish Population Demographics		
	1/1/09 to 9/30/11	RESEARCH	
	DINSMORE, STEPHEN	NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	
CO-PI	QUIST, MICHAEL	NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	

January 01 - 31, 2009

298

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$117,701	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH			421-20-21
92727	On the Simulation of Free Flight Vortices in Ground Test Facilities			
	12/1/08 to 11/30/09	RESEARCH		
	HU, HUI		AEROSPACE ENGINEERING-ENGR	
CO-PI	DURBIN, PAUL		AEROSPACE ENGINEERING-ENGR	
\$115,000	NATIONAL SCIENCE FOUNDATION			420-61-02
90299	Conformationally Controllable Amphiphiles and Their Applications in Sensor Design			
	2/1/08 to 1/31/10	RESEARCH		
	ZHAO, YAN		CHEMISTRY	
\$109,881	DEPARTMENT OF NAVY			421-21-23
94341	Systems-Of-Systems Contracts for Complex Products in the Department of Homeland Security: Lessons for Defense Acquisition Management and Policy			
	1/27/09 to 9/30/09	RESEARCH		
	POTOSKI, MATTHEW		POLITICAL SCIENCE-LAS	
\$100,000	IOWA DEPARTMENT OF TRANSPORTATION			474-79-43
96983	Roadway Lighting and Safety: Phase II-Monitoring Quality, Durability, and Efficiency			
	1/1/09 to 12/31/10	RESEARCH		
	SMADI, OMAR		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	HAWKINS, NEAL		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$100,000	CONOCOPHILLIPS COMPANY			400-17-49
97528	Harvest, Storage and Transportation Consortium			
	6/1/09 to 5/31/10	RESEARCH		
	BIRRELL, STUART		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	
CO-PI	ANEX, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	GKRITZA, KONSTANTINA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	DARR, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$100,000	ARCHER DANIELS MIDLAND		400-17-49
97529	Harvest, Storage and Transportation Consortium		
	6/1/09 to 5/31/10	RESEARCH	
	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
CO-PI	ANEX, ROBERT	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	GKRITZA, KONSTANTINA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$100,000	HAWKEYE RENEWABLES		400-17-49
97530	Harvest, Storage and Transportation Consortium		
	6/1/09 to 5/31/10	RESEARCH	
	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
CO-PI	ANEX, ROBERT	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	GKRITZA, KONSTANTINA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$99,912	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH		421-20-03
90215	Cyanate Ester Resins Modified with Nano-Particles for Inclusion in Continuous Fiber Reinforced Composites		
	12/1/08 to 11/30/09	RESEARCH	
	KESSLER, MICHAEL	MATERIALS SCIENCE & ENGINEERING	
\$98,473	NUGENPLASM COMPANY		400-42-20
93479	Enzyme Digestibility of Starch in Animal Feed		
	5/1/08 to 4/30/10	RESEARCH	
	JANE, JAY-LIN	FOOD SCIENCE & HUMAN NUTRITION-CALS	
\$95,000	IOWA DEPARTMENT OF PUBLIC SAFETY		478-31-19
97236	Governor's Highway Traffic Safety Conference 2009		
	12/1/08 to 9/30/09	EXTENSION/PUBLIC	
	KIEFFER, JULIE	EXTENSION COMMUNICATIONS & MARKETING-EXT	

January 01 - 31, 2009

300

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$90,740	NATIONAL SCIENCE FOUNDATION		420-21-34
70262	CAREER: Evolutionary Community Ecology in Plethodon Salamanders		
	3/1/09 to 2/28/10	RESEARCH	
	ADAMS, DEAN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$89,114	NATIONAL SCIENCE FOUNDATION		420-40-65
83239	LTREB: Long-Term Research on Environmental Gender Determination in a Model System: The Next Five Years		
	3/15/07 to 2/28/10	RESEARCH	
	JANZEN, FREDRIC	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$77,790	MAYO CLINIC		404-21-55
94478	Improving Colonoscopy Quality Through Automated Monitoring		
	9/30/08 to 9/29/09	RESEARCH	
	TAVANAPONG, WALLAPAK	COMPUTER SCIENCE-LAS	
	CO-PI WONG, JOHNNY	COMPUTER SCIENCE-LAS	
\$73,984	NATIONAL PORK BOARD		453-23-49
96599	Comparison of the Level of Protection and Long-Term Duration of Immunity Induced by Different Commercial PCV2 Vaccines and an Experimental PCV1-2 Live Vaccine in Conventional Pigs		
	12/15/08 to 12/15/09	RESEARCH	
	OPRIESSNIG, TANJA	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
	CO-PI HALBUR, PATRICK	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$73,782	UNIVERSITY OF MINNESOTA		400-17-64
96766	NEFE High School Financial Planning Program Evaluation		
	6/1/09 to 9/30/10	RESEARCH	
	ANDERSON, DIANNE	CENTER FOR SURVEY STATISTICS & METHODOLOGY-VPR/ED	
\$73,179	NATIONAL SCIENCE FOUNDATION		420-60-77
94520	CAREER: Sculpting Electric Machines for Unidirectional Motion		
	8/15/09 to 7/31/10	RESEARCH	
	ALIPRANTIS, DIONYSIOS	ELECTRICAL & COMPUTER ENGINEERING-ENGR	

January 01 - 31, 2009

301

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$72,000	DEPARTMENT OF AGRICULTURE, CSREES			416-41-10
95942	Grassroots Model to Increase Diversity Among Engineers and Technicians in the Bioenergy Workforce			
	2/1/09 to 1/31/14	SCHOLARSHIP		
	BERN, CARL		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	
CO-PI	KANWAR, RAMESHWAR		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	
CO-PI	TIM, UDOYARA		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	
\$71,641	UNIVERSITY OF SOUTHERN ILLINOIS			400-42-92
94131	Application of Biotechnology to Control of the Soybean Cyst Nematode			
	10/1/06 to 9/30/09	RESEARCH		
	CIANZIO, SILVIA		AGRONOMY-AES	
\$70,527	IOWA EGG COUNCIL			400-42-73
96790	Poultry Manure Treatment and Application Timing Impacts on Phosphorus Loss with Surface Runoff			
	7/1/08 to 6/30/10	RESEARCH		
	MALLARINO, ANTONIO		AGRONOMY-AES	
\$65,373	ARCHER DANIELS MIDLAND COMPANY			400-42-77
97107	Effect of Moisture Content and Chemical Treatment on Storage Stability and Animal Feed Value of Corn Stover Harvested Using Single-Pass Technology			
	1/1/09 to 12/31/09	RESEARCH		
	RUSSELL, JAMES		ANIMAL SCIENCE-CALS	
CO-PI	LOY, DANIEL		ANIMAL SCIENCE-CALS	
\$60,507	THE PENNSYLVANIA STATE UNIVERSITY			404-17-30
66159	A Study of African American Marriage and Health			
	1/1/05 to 12/31/09	RESEARCH		
	WICKRAMA, K.		HUMAN DEVELOPMENT & FAMILY STUDIES	
CO-PI	CUTRONA, CAROLYN		PSYCHOLOGY	
\$56,339	KENT STATE UNIVERSITY			404-25-81
79256	Self-Assembled Soft Optical NIMS			
	10/1/08 to 4/30/09	RESEARCH		
	SOUKOULIS, COSTAS		PHYSICS & ASTRONOMY	

January 01 - 31, 2009

302

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$50,000	CHEVRON PHILLIPS CHEMICAL COMPANY			400-72-04
97464	Center for Biorenewable Chemicals Membership			
	9/1/08 to 8/31/09	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$50,000	RESEAU DE TRANSPORT DELECTRICITE			400-20-63
97576	Reseau De Transport D'electricite - Electrical Power Research Center			
	1/1/09 to 12/31/09	RESEARCH		
	BAIRD, TOM		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$50,000	KERN FAMILY FOUNDATION			400-20-92
97752	Project Lead the Way (PLTW) Teachers' Conference in Iowa City			
	11/1/08 to 7/31/09	INSTRUCTION/TRAINING		
	ZACHARY, LOREN		AEROSPACE ENGINEERING-ENGR	
\$50,000	GRAIN PROCESSING CORPORATION			400-72-01
97861	Center for Biorenewable Chemicals			
	9/1/08 to 8/31/09	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$50,000	POET, LLC			400-72-04
97864	Center for Biorenewable Chemicals Membership			
	9/1/08 to 8/31/09	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$45,756	ECOSMART TECHNOLOGIES, INC			400-42-78
85646	Mode of Action of Monoterpenoids in Insects			
	4/1/08 to 3/31/09	RESEARCH		
	LEWIS, LESLIE		ENTOMOLOGY	

January 01 - 31, 2009

303

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$40,372	ARIZONA STATE UNIVERSITY			404-28-16
91367	A Wireless, Multimode, Artificial Neural Network-Based Physical Activity Monitor			
	9/19/08 to 6/30/09	RESEARCH		
	WELK, GREGORY		KINESIOLOGY	
\$40,000	OFFICE OF NAVAL RESEARCH			421-25-04
85729	Optical Metamaterials			
	12/4/06 to 12/31/09	RESEARCH		
	SOUKOULIS, COSTAS		PHYSICS & ASTRONOMY	
\$40,000	ROCKWELL COLLINS, INC			400-25-31
97415	Experimental Command and Control Project			
	1/1/09 to 9/1/09	RESEARCH		
	MENNECKE, BRIAN		LOGISTICS, OPERATIONS, & MANAGEMENT INFORMATION SYSTEMS-BUS	
\$37,975	UNIVERSITY OF NORTHERN IOWA			475-21-13
97696	Improving Chemistry Teaching in Iowa			
	8/1/08 to 5/31/09	RESEARCH		
	GREENBOWE, THOMAS		CHEMISTRY-LAS	
CO-PI	HOLME, THOMAS		CHEMISTRY-LAS	
\$37,000	TOYOTA MOTOR ENGINEERING AND MANUFACTURING NORTH AMERICA, INC			400-17-62
97147	The Future Economics of United States Ethanol			
	11/19/08 to 3/31/09	RESEARCH		
	BABCOCK, BRUCE		ECONOMICS-AES	
CO-PI	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	
\$36,450	THE COOPER INSTITUTE			400-28-98
97156	Evaluation of Fitness and Academic Data from the Texas Youth Fitness Project			
	9/1/08 to 8/31/09	RESEARCH		
	WELK, GREGORY		KINESIOLOGY-HS	
CO-PI	IHMELS, MICHELLE		KINESIOLOGY-HS	

January 01 - 31, 2009

304

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$34,988	IOWA DEPARTMENT OF TRANSPORTATION				474-79-97
96864	PONTIS Implementation and Operation				
	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		
\$34,448	IOWA DEPARTMENT OF TRANSPORTATION				474-17-61
97307	2009 Smart Work Zone				
	1/1/09 to 12/31/09	RESEARCH			
	MAZE, THOMAS		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	MCDONALD, THOMAS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
\$30,000	J.E. BORITZ CONSULTANTS, LTD AND CASEWARE IDEA INC				400-68-06
97192	XBRL Tools for Computer-Assisted Auditing of XBRL Documents				
	1/15/09 to 1/14/10	RESEARCH			
	NO, WON		ACCOUNTING-BUS		
\$29,000	UNITED SOYBEAN BOARD				459-40-17
93991	Harmonization of USB Soybean NIR Efforts: Whole Grain Instruments				
	10/1/08 to 9/30/09	RESEARCH			
	HURBURGH, CHARLES		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS		
\$25,068	DEPARTMENT OF AGRICULTURE, FOREST PRODUCTS LABORATORY				412-17-03
95983	Literature Review Related to the Potential Integration of Nano-Technology into a Smart Timber Bridge				
	9/19/08 to 1/31/10	RESEARCH			
	PHARES, BRENT		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING-ENGR		
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
\$25,003	INFOSCITEX CORPORATION				404-25-66
81769	Advanced Thermal Conversion of Waste/Biomass for Forward Units Energy Production/Conversion				
	9/28/06 to 4/30/09	RESEARCH			
	SATRIO, JUSTINUS		CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES		

January 01 - 31, 2009

305

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$25,003	INFOSCITEX CORPORATION			404-25-66
81769	Advanced Thermal Conversion of Waste/Biomass for Forward Units Energy Production/Conversion			
	9/28/06 to 4/30/09	RESEARCH		
CO-PI	BROWN, ROBERT		MECHANICAL ENGINEERING	
\$25,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-25-02
97560	Pb-Free Solder Research			
	1/1/09 to 6/30/09	RESEARCH		
	ANDERSON, IVER		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$22,807	DREXEL UNIVERSITY			404-20-40
63637	Remote Non-Destructive Testing and Measurement of Large-Scale Power Systems			
	11/30/07 to 4/30/09	RESEARCH		
	AJJARAPU, VENKATARAMANA		ELECTRICAL & COMPUTER ENGINEERING	
\$22,800	IOWA DEPARTMENT OF NATURAL RESOURCES			473-40-39
97527	Enhancement of Reporting Functions and Integration of Fish Data Into Lake Mini-Report System			
	1/1/09 to 6/30/09	RESEARCH		
	DOWNING, JOHN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS	
\$21,874	UNIVERSITY OF MARYLAND			404-65-01
78949	Iron-Based Magnetostrictive Alloys: New Structural Materials for Revolutionary Engineered Systems			
	10/1/07 to 4/30/09	RESEARCH		
CO-PI	LOGRASSO, THOMAS		MATERIALS SCIENCE & ENGINEERING	
	MCQUEENEY, ROBERT		PHYSICS & ASTRONOMY	
\$19,120	CH2M HILL, INC			404-17-28
97068	White Paper on Alternative Strategies for Safety Improvement Investments			
	12/8/08 to 5/31/09	RESEARCH		
CO-PI	MAZE, THOMAS		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	

January 01 - 31, 2009

306

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$18,275	MIDWEST RESEARCH INSTITUTE			400-17-73
87951	USRAP-Phase III			
	5/21/04 to 6/30/09	RESEARCH		
	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING	
CO-PI	HANS, ZACHARY		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$18,262	POLK COUNTY AGRICULTURAL EXTENSION DISTRICT			400-30-54
97300	Emerging Leaders Initiative After School Program			
	7/1/08 to 6/30/09	EXTENSION/PUBLIC		
	PETERSON, MARC		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$14,999	NATIONAL SECURITY AGENCY			421-21-22
90841	Extremal Combinatorics and Applications in Computer Science			
	1/20/09 to 1/20/10	RESEARCH		
	AXENOVICH, MARIA		MATHEMATICS	
\$14,304	UNITED SOYBEAN BOARD			459-40-14
93941	Regional Variation in Soybean Traits Data Mining and Analysis: Year 3			
	10/1/08 to 9/30/09	RESEARCH		
	HURBURGH, CHARLES		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$13,500	AMERICAN COLLEGE OF VETERINARY INTERNAL MEDICINE FOUNDATION			400-23-74
96372	Attenuation of Endotoxemia with a Ketamine Continuous Rate Infusion			
	1/1/09 to 12/31/09	RESEARCH		
	WONG, DAVID		VETERINARY CLINICAL SCIENCES-VET	
CO-PI	SPONSELLER, BRETT		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	ALCOTT, CODY		VETERINARY CLINICAL SCIENCES-VET	
\$12,960	AMERICAN KENNEL CLUB CANINE HEALTH FOUNDATION			400-23-72
96818	Determination of Leishmania Infantum Infection Rates in United States Foxhounds and Neapolitan Mastiffs and Survey of Risk Factors			
	2/1/09 to 1/31/10	RESEARCH		
	PETERSEN, CHRISTINE		VETERINARY PATHOLOGY-VET	

January 01 - 31, 2009

307

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$10,000	MICHIGAN TECHNOLOGICAL UNIVERSITY			404-17-07
82022	Development of Specifications for the Superpave Simple Performance Tests			
	10/1/08 to 1/31/09	RESEARCH		
	WILLIAMS, R.		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING	
\$10,000	DEPARTMENT OF AGRICULTURE, CSREES			416-21-10
94286	Symposium on Systems Biology: Integrative, Comparative, and Multi-Scale Modeling			
	1/1/09 to 12/31/09	INSTRUCTION/TRAINING		
	DOBBS, DRENA		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	NILSEN-HAMILTON, MARIT		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS	
CO-PI	TUGGLE, CHRIS		ANIMAL SCIENCE-CALS	
\$10,000	MICHAEL GARTNER			400-14-04
97628	Emergency Aid Fund			
	1/5/09 to 1/5/20	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$9,132	UNIVERSITY OF MINNESOTA			410-17-04
92644	Farm to ISU: Helping Iowa State University Dining Staff Understand and Grow the Local Food Purchasing Program			
	9/1/08 to 6/30/09	RESEARCH		
	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$8,245	MAYO CLINIC			404-28-09
97517	Targeting the Worksite for Obese Nurses and Their Children: A Feasibility Study			
	4/1/08 to 3/31/09	RESEARCH		
	LANNINGHAM-FOSTER, LORRAINE		FOOD SCIENCE & HUMAN NUTRITION-HS	
\$7,776	IOWA AGRICULTURAL DEVELOPMENT AUTHORITY			478-30-34
97804	Iowa Agricultural Youth Institute 2009			
	1/1/09 to 8/3/09	EXTENSION/PUBLIC		
	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

January 01 - 31, 2009

308

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$6,672	SENIOR COLLEGE OF GREATER DES MOINES	400-33-65
97465	Support for Senior College of Greater Des Moines	
	1/1/09 to 12/31/09 EXTENSION/PUBLIC	
	GLENN, SHERRY EXTENSION ADMINISTRATION-EXT	
\$4,687	UNITED ACTION FOR YOUTH	400-33-64
96597	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	
\$4,500	NATIONAL CATTLEMENS BEEF ASSOCIATION	400-42-69
96998	Proposal for a White Paper: Round Muscle Profiling and Tenderness Markers in Beef	
	12/1/08 to 4/30/09 EXTENSION/PUBLIC	
	LONERGAN, ELISABETH ANIMAL SCIENCE-CALS	
	CO-PI LONERGAN, STEVEN ANIMAL SCIENCE-CALS	
\$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	
\$3,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-62
97536	Wine Sampling for Sensory Evaluation	
	1/1/09 to 6/30/09 EXTENSION/PUBLIC	
	DHARMADHIKARI, MURLIDHAR FOOD SCIENCE & HUMAN NUTRITION-CALS	
	CO-PI MILLER, GERALD AGRONOMY-EXT	
\$3,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC	405-40-09
97783	Preparation of Samples of Resistant Starch	
	1/12/09 to 12/31/09 RESEARCH	
	JANE, JAY-LIN FOOD SCIENCE & HUMAN NUTRITION-CALS	

January 01 - 31, 2009

309

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,677	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	
\$1,887	UNITED STATES GEOLOGICAL SURVEY	424-40-04
97129	Determining Densities of Cerulean Warblers in Northeast Iowa	
	9/8/08 to 12/31/09 RESEARCH	
	DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	
\$1,650	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	
\$1,562	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	
\$1,373	DEPARTMENT OF AGRICULTURE, FS	412-21-11
96379	Phase 1 Archaeological Survey in Osceola County	
	9/12/08 to 12/31/08 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$781	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	

January 01 - 31, 2009

310

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$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