

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$1,047,025	DEPARTMENT OF AGRICULTURE, CSREES		416-30-06
<b>98313</b>	Sustainable Systems for Cucurbit Crops on Organic Farms		
	8/1/09 to 7/31/12	EXTENSION/PUBLIC	
	GLEASON, MARK	PLANT PATHOLOGY-EXT	
CO-PI	LEWIS, DONALD	ENTOMOLOGY-EXT	
CO-PI	BATZER, JEAN	PLANT PATHOLOGY-EXT	
CO-PI	JESSE, LAURA	PLANT PATHOLOGY-EXT	
CO-PI	NUTTER, FORREST	PLANT PATHOLOGY-AES/CALS	
CO-PI	CORREIA, ANA	CURRICULUM & INSTRUCTION-HS	
\$848,500	UNIVERSITY OF NEBRASKA MEDICAL CENTER		404-20-20
<b>96429</b>	Synthetic Nanovaccines Against Respiratory Pathogens		
	7/1/09 to 6/30/13	RESEARCH	
	MALLAPRAGADA, S.	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	NARASIMHAN, BALAJI	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	WANNEMUEHLER, MICHAEL	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$700,709	UNIVERSITY OF NORTHERN IOWA		475-20-33
<b>104813</b>	Multifunctional Polymer Matrix Composites		
	9/1/09 to 7/31/12	RESEARCH	
	KESSLER, MICHAEL	MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	TAN, XIAOLI	MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	BOWLER, NICOLA	MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	LIN, ZHIQUN	MATERIALS SCIENCE & ENGINEERING-ENGR	
\$400,000	NATIONAL SCIENCE FOUNDATION		420-21-83
<b>90246</b>	Enabling Petascale Applications in the Chemical Sciences		
	10/1/07 to 9/30/10	RESEARCH	
	GORDON, MARK	CHEMISTRY	
CO-PI	LAMM, MONICA	CHEMICAL & BIOLOGICAL ENGINEERING	
CO-PI	SOSONKINA, MASHA	COMPUTER SCIENCE	
CO-PI	WINDUS, THERESA	CHEMISTRY	

November 01 - 30, 2009

236

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$386,060	IOWA HOMELAND SECURITY AND EMERGENCY MANAGEMENT DIVISION	478-12-08
<b>104061</b>	Buffer Zone Grant	
	4/29/09 to 5/31/11 EQUIPMENT	
	BOWERS, ROBERT DEPARTMENT OF PUBLIC SAFETY-VPBF	
\$370,203	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	444-21-01
<b>99511</b>	Advancing Drug Development in Medicinal Plants Using Transcriptomics and Metabolomics	
	9/30/09 to 8/31/10 RESEARCH	
	WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$331,025	DEPARTMENT OF EDUCATION	432-57-70
<b>105118</b>	PELL Grant, FY10	
	7/1/09 to 6/30/10 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$216,896	DAVID AND LUCILE PACKARD FOUNDATION	400-40-40
<b>105198</b>	Greenhouse Gas and Nitrogen Scenarios for United States Agriculture and Global Biofuels	
	11/17/09 to 1/17/11 RESEARCH	
	HAYES, DERMOT ECONOMICS-AES/CALS	
CO-PI	BABCOCK, BRUCE ECONOMICS-AES/CALS	
\$208,332	UNILEVER RESEARCH AND DEVELOPMENT	400-28-28
<b>104919</b>	High Performance Liquid Chromatography Method for Quantifying Lipophilic Bioactives	
	10/1/09 to 4/30/10 RESEARCH	
	WHITE, WENDY FOOD SCIENCE & HUMAN NUTRITION-HS	
\$200,000	DEPARTMENT OF AGRICULTURE, RD	412-30-09
<b>104120</b>	Iowa Alliance for Cooperative Business Development	
	11/1/09 to 12/31/10 EXTENSION/PUBLIC	
	GINDER, ROGER ECONOMICS-EXT	
CO-PI	JARBOE, DARREN CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	

November 01 - 30, 2009

237

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$194,327 BASF CORPORATION

400-40-16

**104436** Investigations of the Effects of Stamina Seed Treatment on the Seed/Seedling Physiology of Maize Exposed to Low Temperature Stress

8/1/09 to 12/31/12 RESEARCH

CO-PI KNAPP, ALLEN AGRONOMY-AES/CALS  
MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS

\$174,655 UNIVERSITY OF MINNESOTA

410-30-74

**94304** Demonstrating the Impacts of Mixed Annual-Perennial Agroecosystems on Environmental Quality and Biomass Feedstock Production

10/1/09 to 9/30/12 RESEARCH

CO-PI HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS  
ASBJORNSEN, HEIDI NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS  
CO-PI SCHULTE, LISA NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS  
CO-PI LIEBMAN, MATTHEW AGRONOMY-CALS  
CO-PI ONEAL, MATTHEW ENTOMOLOGY-CALS

\$169,967 IOWA DEPARTMENT OF PUBLIC HEALTH

478-30-55

**105394** M C H 1-800 Healthy Families Teenline 2010

10/1/09 to 9/30/10 EXTENSION/PUBLIC

CO-PI WARNING, JEANNE EXTENSION TO FAMILIES-EXT  
VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT

\$142,539 INTERNATIONAL CROPS RESEARCH INSTITUTE FOR SEMI-ARID TROPICS

404-40-48

**105537** Seed Development for Southern Africa

10/1/09 to 9/30/10 INSTRUCTION/TRAINING

CORTES, JOSEPH SEED SCIENCE CENTER-AES/CALS

\$137,171 CARNEGIE INSTITUTE OF WASHINGTON (CALIFORNIA)

404-40-12

**85306** Functional Genomics of Maize Gametophytes

9/15/07 to 8/31/10 RESEARCH

VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY

November 01 - 30, 2009

238

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$125,000 IOWA DEPARTMENT OF EDUCATION

472-28-05

**104272** Iowa's Reading First Program State Evaluation

7/1/09 to 6/30/10 RESEARCH

CO-PI PHYE, GARY CURRICULUM & INSTRUCTION-HS  
CO-PI DELAMORA, ARLENE CURRICULUM & INSTRUCTION-HS

\$117,000 IOWA SOYBEAN ASSOCIATION

450-40-17

**105590** Fusarium Species Infecting Soybean Roots: Risks And Management Tools

10/1/09 to 9/30/10 RESEARCH

CO-PI MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS  
CO-PI PEDERSEN, PALLE AGRONOMY-EXT  
CO-PI ROBERTSON, ALISON PLANT PATHOLOGY-EXT  
CO-PI TYLKA, GREGORY PLANT PATHOLOGY-EXT  
CO-PI CIANZIO, SILVIA AGRONOMY-AES/CALS  
CO-PI LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS

\$104,380 IOWA HOMELAND SECURITY

478-12-01

**105703** Radiological Emergency Response

7/1/09 to 6/30/10 FELLOWSHIP

INYANG, ANIEFIOK ENVIRONMENTAL HEALTH & SAFETY-VPBF

\$100,000 AGILTRON, INC

404-20-41

**93487** SBIR Phase II: Preparation and Characterization of Chalcogenide Glasses for Infrared Fiber for Conversion and Routing

11/1/09 to 10/31/10 RESEARCH

MARTIN, STEVE MATERIALS SCIENCE & ENGINEERING-ENGR

\$100,000 DEPARTMENT OF AGRICULTURE, RMA

412-30-05

**98023** Annie's National Outreach Center Project: Phase II Development

9/28/09 to 9/30/10 EXTENSION/PUBLIC

CO-PI EDWARDS, WILLIAM ECONOMICS-EXT  
CO-PI HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT  
CO-PI SCHULTZ, MADELINE VALUE ADDED AGRICULTURE-EXT  
CO-PI EGGERS, TIMOTHY EXTENSION AREA - SOUTHWEST-EXT  
CO-PI WELLS, JON EXTENSION AREA - SOUTHEAST-EXT

November 01 - 30, 2009

239

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$100,000	ROCKWELL COLLINS				400-17-24
<b>105540</b>	Real Time Image Navigation and Mapping				
	10/6/09 to 9/30/10	RESEARCH			
	SOMANI, ARUN		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$96,368	ARCHER DANIELS MIDLAND COMPANY				400-42-77
<b>105546</b>	Effect of Moisture Content and Chemical Treatment on Storage Stability and Animal Feed Value of Corn Stover Harvested Using Single-Pass Technology				
	1/1/10 to 12/31/10	RESEARCH			
	RUSSELL, JAMES		ANIMAL SCIENCE-AES/CALS		
CO-PI	LOY, DANIEL		ANIMAL SCIENCE-AES/CALS		
\$95,000	BAYER CROPSOURCE TECHNOLOGY SERVICES				400-40-29
<b>104777</b>	Evaluating Spirotetramat for Soybean Aphid Management				
	5/1/09 to 8/30/11	RESEARCH			
	ONEAL, MATTHEW		ENTOMOLOGY-AES/CALS		
\$87,168	MAYO CLINIC				404-21-55
<b>94478</b>	Improving Colonoscopy Quality Through Automated Monitoring				
	9/30/09 to 9/29/10	RESEARCH			
	TAVANAPONG, WALLAPAK		COMPUTER SCIENCE-LAS		
CO-PI	WONG, JOHNNY		COMPUTER SCIENCE-LAS		
\$85,943	JET PROPULSION LABORATORY				404-21-59
<b>105476</b>	Research Support Agreement - RSA NO 1389588				
	10/14/09 to 9/30/11	RESEARCH			
	MARENGO, MASSIMO		PHYSICS & ASTRONOMY-LAS		
\$77,800	IOWA SOYBEAN ASSOCIATION				450-30-08
<b>99630</b>	Identifying Factors that Influence Genetic Diversity in Endemic Phytophthora Sojae Populations				
	10/1/09 to 9/30/10	RESEARCH			
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS		

November 01 - 30, 2009

240

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$66,678	IOWA DEPARTMENT OF EDUCATION			472-28-12
<b>104924</b>	Compulsory Age Evaluation			
	9/29/09 to 1/15/10	RESEARCH		
	GALLOWAY, ROBIN		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$62,417	IOWA SOYBEAN ASSOCIATION			450-40-16
<b>99598</b>	On-Farm Re-Evaluation of Soybean Response to Lime Application in Iowa			
	10/1/09 to 9/30/10	RESEARCH		
	MALLARINO, ANTONIO		AGRONOMY-EXT	
CO-PI	SAWYER, JOHN		AGRONOMY-EXT	
\$60,157	BROOKHAVEN NATIONAL LABORATORY			404-21-26
<b>104540</b>	Physics Fellows Program			
	9/1/09 to 8/31/10	FELLOWSHIP		
	SHINAR, JOSEPH		PHYSICS & ASTRONOMY-LAS	
\$60,000	THE BOEING COMPANY			400-17-06
<b>105410</b>	Multifunctional Composite Informatics Technical Area: Structural Technology-Emerging Materials			
	9/1/09 to 12/18/09	RESEARCH		
	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$59,348	NATIONAL PORK BOARD			453-40-02
<b>99058</b>	The Potential for Human Contamination with Methicillin Resistant Staphylococcus Aureus from Handling Contaminated Pork Products			
	12/1/09 to 12/1/10	RESEARCH		
	DICKSON, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	CORDRAY, JOSEPH		ANIMAL SCIENCE-AES/CALS	
\$55,000	VETERANS ADMINISTRATION			428-23-12
<b>104805</b>	Veterans Administration-Intergovernmental Personnel Act Kcovva			
	10/1/09 to 9/30/10	RESEARCH		
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES-VET	

November 01 - 30, 2009

241

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$50,000	OKLAHOMA STATE UNIVERSITY			400-44-11
<b>104426</b>	Restoring Functioning Prairie in a Working Lands Landscape			
	8/1/08 to 6/30/10	MISCELLANEOUS		
	MORRIS, JOSEPH		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	HARR, RYAN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$49,490	IOWA SOYBEAN ASSOCIATION			450-30-11
<b>99587</b>	Relationships Between Grain Yield, Potassium Removal and Recycling, and Soil Potassium in Corn-Soybean Rotations			
	10/1/09 to 9/30/10	RESEARCH		
	MALLARINO, ANTONIO		AGRONOMY-EXT	
\$49,470	NATIONAL PORK BOARD			453-23-12
<b>99074</b>	Optimization of Ante Mortem Methods for Surveillance of Swine Influenza Infection			
	12/1/09 to 12/1/10	RESEARCH		
	IRWIN, CHRISTA		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ZIMMERMAN, JEFFREY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	JOHNSON, JOHN		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	RAMAMOORTHY, SHEELA		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	MILLMAN, SUZANNE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$41,997	NATIONAL PORK BOARD			453-40-12
<b>99057</b>	MRSA Resistance to Thermal Processes Commonly Used with Pork and Pork Products			
	12/1/09 to 12/1/10	RESEARCH		
	DICKSON, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	CORDRAY, JOSEPH		ANIMAL SCIENCE-AES/CALS	
CO-PI	OLSON, DENNIS		ANIMAL SCIENCE-AES/CALS	
\$41,170	DEPARTMENT OF AGRICULTURE, CSREES			417-30-06
<b>99419</b>	Increasing Citizen Involvement in Hazard Mitigation Planning and Implementation			
	9/1/09 to 8/31/10	EXTENSION/PUBLIC		
	TAYLOR, GARY		COMMUNITY & REGIONAL PLANNING-DSN	
CO-PI	BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

	\$36,855	IOWA SOYBEAN ASSOCIATION		450-40-18
<b>105587</b>		Aspects of Integrated Management for Viruses and Phomopsis Infection in Soybean		
		10/1/09 to 9/30/10	RESEARCH	
		MUNKVOLD, GARY	PLANT PATHOLOGY-AES/CALS	
	CO-PI	HILL, JOHN	PLANT PATHOLOGY-AES/CALS	
	CO-PI	ROBERTSON, ALISON	PLANT PATHOLOGY-AES/CALS	
	CO-PI	ONEAL, MATTHEW	ENTOMOLOGY-AES/CALS	
	CO-PI	PEDERSEN, PALLE	AGRONOMY-EXT	
	\$35,875	KRELL INSTITUTE		404-21-67
<b>105119</b>		Computational Science Graduate Fellowship		
		9/1/09 to 8/31/10	FELLOWSHIP	
		GORDON, MARK	CHEMISTRY-LAS	
	\$34,902	TOYOTA MOTOR NORTH AMERICA, INC		400-25-34
<b>105177</b>		Region-dependent Modeling of Biofuels Production		
		10/1/09 to 3/31/10	RESEARCH	
		BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
	\$34,000	DEPARTMENT OF AGRICULTURE, ARS		419-23-20
<b>105961</b>		Research Support Agreement		
		10/1/09 to 9/30/10	RESEARCH	
		ANDREASEN, CLAIRE	VETERINARY PATHOLOGY-VET	
	\$33,690	SPACE TELESCOPE SCIENCE INSTITUTE		404-21-06
<b>104760</b>		Solving the Microlensing Puzzle: An HST High-Resolution Imaging Approach		
		10/1/09 to 9/30/10	RESEARCH	
		MARENGO, MASSIMO	PHYSICS & ASTRONOMY-LAS	
	\$30,000	MISSISSIPPI STATE UNIVERSITY		404-28-58
<b>105568</b>		Evaluation of the ATOMS2XP Program		
		8/1/07 to 7/31/10	RESEARCH	
		KEMIS, MARI	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	



November 01 - 30, 2009

243

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$30,000	MISSISSIPPI STATE UNIVERSITY	404-28-58
<b>105568</b>	Evaluation of the ATOMS2XP Program	
	8/1/07 to 7/31/10 RESEARCH	
CO-PI	POLUSH, ELENA	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS
\$29,500	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-33
<b>105415</b>	Nitrogen Fertilization of Corn Grown with Cover Crops	
	3/14/08 to 6/30/10 EXTENSION/PUBLIC	
	SAWYER, JOHN	AGRONOMY-EXT
CO-PI	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
CO-PI	MALLARINO, ANTONIO	AGRONOMY-EXT
\$27,308	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-79
<b>105423</b>	Iowa Learning Farms 2010 Cover Crop Working Group	
	1/1/10 to 6/30/10 EXTENSION/PUBLIC	
	DEWITT, JERALD	AGRONOMY-EXT
CO-PI	AL-KAISI, MAHDI	AGRONOMY-EXT
\$26,448	WYLE INTEGRATED SCIENCE AND ENGINEERING GROUP	404-25-38
<b>104692</b>	Near Real-Time Water Quality Monitoring Demonstration for ISS Biocides Using Colorimetric Solid-Phase Extraction	
	11/1/09 to 4/30/10 RESEARCH	
	LIPERT, ROBERT	INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED
\$25,000	IOWA DEPARTMENT OF HUMAN SERVICES	470-40-01
<b>105215</b>	Iowa Mental Health Institute Closure Economic Impact Study	
	10/1/09 to 2/28/10 RESEARCH	
	SWENSON, DAVID	ECONOMICS-AES/CALS
\$25,000	IOWA DEPARTMENT OF TRANSPORTATION	474-77-99
<b>105273</b>	Planning, Developing, and Implementation of the Iowa Pavement Marking Management Program	
	4/1/05 to 12/31/11 RESEARCH	
	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	SMADI, OMAR	INSTITUTE FOR TRANSPORTATION-VPR/ED

November 01 - 30, 2009

244

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$25,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-99
<b>105273</b>	Planning, Developing, and Implementation of the Iowa Pavement Marking Management Program			
	4/1/05 to 12/31/11	RESEARCH		
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$25,000	SCHENKER LOGISTICS, INC.			400-75-37
<b>105719</b>	Improving Energy Efficiency in Schenker Logistics' Warehouses in Iowa City, IA			
	11/1/09 to 12/31/10	RESEARCH		
	PASSE, ULRIKE		ARCHITECTURE-DSN	
CO-PI	NELSON, RON		MECHANICAL ENGINEERING-ENGR	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
\$22,148	DEPARTMENT OF EDUCATION			432-21-02
<b>104264</b>	Jacob Javits Fellowship			
	9/1/09 to 8/31/10	FELLOWSHIP		
	RINEY-KEHRBERG, PAMELA		HISTORY-LAS	
\$20,824	DEPARTMENT OF EDUCATION			432-57-66
<b>105114</b>	Academic Competitiveness Grant (ACG), FY10			
	7/1/09 to 6/30/10	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VP SA	
\$20,000	IOWA DEPARTMENT OF TRANSPORTATION			474-17-27
<b>98785</b>	A Transportation Safety Planning Tool for the City of Ames			
	11/1/09 to 2/28/10	RESEARCH		
	GKRITZA, KONSTANTINA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$16,000	DEPARTMENT OF AGRICULTURE, ARS			419-42-07
<b>105731</b>	Research Support Agreement			
	10/1/09 to 9/30/10	RESEARCH		
	BAUM, THOMAS		PLANT PATHOLOGY-AES/CALS	

November 01 - 30, 2009

245

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$15,620	DEPARTMENT OF AGRICULTURE, ARS			419-23-17
<b>105964</b>	Research Support Agreement			
	10/1/09 to 9/30/10	RESEARCH		
	ANDREASEN, CLAIRE		VETERINARY PATHOLOGY-VET	
\$15,267	UNITED STATES ARMY CORPS OF ENGINEERS			421-20-35
<b>98271</b>	Water Quality Study, Red Rock Reservoir			
	11/3/09 to 2/28/10	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-27
<b>105319</b>	Development and Distribution of Educational Materials to Protect Iowa's Water Resources and Help Prevent Pesticide Contamination			
	10/1/09 to 6/30/10	EXTENSION/PUBLIC		
	SCHAEFER, KRISTINE		ENTOMOLOGY-EXT	
CO-PI	BUFFINGTON, ELIZABETH		ENTOMOLOGY-EXT	
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-43
<b>105320</b>	Worker Protection Outreach Program			
	10/1/09 to 6/30/10	EXTENSION/PUBLIC		
	SCHAEFER, KRISTINE		ENTOMOLOGY-EXT	
CO-PI	BUFFINGTON, ELIZABETH		ENTOMOLOGY-EXT	
\$14,999	DEPARTMENT OF AGRICULTURE, ARS			419-23-16
<b>105963</b>	Research Support Agreement			
	1/1/09 to 9/30/10	RESEARCH		
	ANDREASEN, CLAIRE		VETERINARY PATHOLOGY-VET	
\$14,700	UNIVERSITY OF KENTUCKY			404-40-14
<b>105212</b>	Food and Energy Production: Internationalized Agricultural and Engineering Programs			
	7/1/09 to 6/30/10	INSTRUCTION/TRAINING		
	STEWART, BRIAN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	DARR, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	

November 01 - 30, 2009

246

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$14,700	UNIVERSITY OF KENTUCKY			404-40-14
<b>105212</b>	Food and Energy Production: Internationalized Agricultural and Engineering Programs			
	7/1/09 to 6/30/10	INSTRUCTION/TRAINING		
CO-PI	BRUMM, THOMAS		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$14,341	JOHNSONVILLE SAUSAGE			400-40-33
<b>105064</b>	Method to Improve Meat Tenderness with Added Calpain Proteinases			
	11/5/09 to 2/5/10	RESEARCH		
CO-PI	LONERGAN, STEVEN		ANIMAL SCIENCE-AES/CALS	
	LONERGAN, ELISABETH		ANIMAL SCIENCE-AES/CALS	
\$14,120	UNIVERSITY OF ARKANSAS			404-40-15
<b>93292</b>	Integral Valorisation of Bio-Production			
	9/1/08 to 8/31/10	RESEARCH		
CO-PI	JOHNSON, LAWRENCE		FOOD SCIENCE & HUMAN NUTRITION-CALS	
	RAMAN, DAVE		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$14,000	DEPARTMENT OF AGRICULTURE, ARS			419-42-08
<b>105729</b>	Research Support Agreement			
	10/1/09 to 9/30/10	RESEARCH		
	LEWIS, LES		ENTOMOLOGY-AES/CALS	
\$12,960	AKC CANINE HEALTH FOUNDATION			400-23-22
<b>104595</b>	Comparison of Vitamin B6 Levels in a Breed, the Bichon Frise Dog, Predisposed to Calcium Oxalate Stones versus Healthy Dogs			
	11/1/09 to 10/31/10	RESEARCH		
CO-PI	JERGENS, ALBERT		VETERINARY CLINICAL SCIENCES-VET	
	CLEMANS, JESSICA		VETERINARY CLINICAL SCIENCES-VET	
\$12,431	UNIVERSITY OF MINNESOTA			404-23-01
<b>97646</b>	Education Materials on Risk Communications			
	10/1/07 to 2/28/10	EXTENSION/PUBLIC		
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	

November 01 - 30, 2009

247

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$10,712	UNITED STATES ARMY CORPS OF ENGINEERS	421-20-36
<b>98262</b>	Water Quality Study, Saylorville Reservoir	
	11/9/09 to 2/28/10 RESEARCH	
	LUTZ, DONNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI	ONG, SAY	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$10,000	UNIVERSITY OF MINNESOTA	410-30-75
<b>97873</b>	NCR-SARE 2009 Graduate Student Grant Program	
	1/1/10 to 12/31/11 RESEARCH	
	AL-KAISI, MAHDI	AGRONOMY-EXT
CO-PI	GUZMAN, JOSE	AGRONOMY-EXT
\$10,000	DEPARTMENT OF AGRICULTURE, RMA	412-30-04
<b>99198</b>	Risk Management Training for Swine Producers	
	8/21/09 to 9/30/10 EXTENSION/PUBLIC	
	STENDER, DAVID	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
CO-PI	OLSEN, THOMAS	EXTENSION AREA - NORTHWEST-EXT
\$10,000	DEPARTMENT OF EDUCATION	432-57-67
<b>105116</b>	National Science and Mathematics Access to Retain Talent (SMART) Grant, FY10	
	7/1/09 to 6/30/10 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	VICE PRESIDENT FOR STUDENT AFFAIRS-VPESA
\$9,869	ECHO360	400-23-32
<b>104522</b>	The Effect of Lecture Capture: It is Affected by Pedagogical Approach and Content Type?	
	9/1/09 to 8/31/10 RESEARCH	
	DANIELSON, JARED	VETERINARY PATHOLOGY-VET
CO-PI	BENDER, HOLLY	VETERINARY PATHOLOGY-VET
\$9,286	IOWA DEPARTMENT OF TRANSPORTATION	474-21-08
<b>98633</b>	Safety Analysis, Visualization, and Exploration Resource	
	10/1/07 to 5/31/10 RESEARCH	
	MITRA, SIMANTA	COMPUTER SCIENCE-LAS

November 01 - 30, 2009

248

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$8,800	DEPARTMENT OF AGRICULTURE, CSREES	417-30-04
<b>99417</b>	Iowa Community Vitality Center	
	8/15/09 to 8/14/10 EXTENSION/PUBLIC	
	EDELMAN, MARK ECONOMICS-AES/CALS	
\$7,594	CENTERVILLE COMMUNITY SCHOOL DISTRICT	400-30-12
<b>105136</b>	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,633	UNIVERSITY OF CALIFORNIA	410-30-70
<b>104291</b>	The 2009 Legume Integrated Pest Management PIPE Subcontract-Iowa	
	9/1/09 to 12/31/10 EXTENSION/PUBLIC	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
\$6,000	IOWA DEPARTMENT OF PUBLIC HEALTH	478-21-13
<b>105247</b>	Evaluation MOU-2010-ISU-NU01	
	10/1/09 to 9/30/10 RESEARCH	
	SHELLEY, MACK STATISTICS-LAS	
\$5,000	IOWA DEPARTMENT OF PUBLIC HEALTH	478-30-62
<b>105115</b>	Iowa Concern Hotline Services for the H1N1 Flu	
	10/1/09 to 2/28/10 EXTENSION/PUBLIC	
	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	
	CO-PI VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT	
\$5,000	DEPARTMENT OF AGRICULTURE, ARS	41942-09
<b>105808</b>	Research Support Agreement	
	10/1/09 to 9/30/10 RESEARCH	
	SPALDING, MARTIN GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	

November 01 - 30, 2009

249

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$4,600	POLK COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-44
<b>105337</b>	Partnering in Communities: Strong Families, Strong Communities Program	
9/15/09	to 2/26/10	EXTENSION/PUBLIC
PETERSON, MARC		EXTENSION 4-H YOUTH DEVELOPMENT-EXT
\$3,375	UNITED ACTION FOR YOUTH	400-30-12
<b>105739</b>	Local Support for Iowa Americorps State of Promise Program	
9/1/09	to 8/31/10	EXTENSION/PUBLIC
BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT
\$3,240	DEPARTMENT OF AGRICULTURE, ARS	419-23-19
<b>105962</b>	Research Support Agreement	
10/1/09	to 9/30/10	RESEARCH
ANDREASEN, CLAIRE		VETERINARY PATHOLOGY-VET
\$2,000	DEPARTMENT OF EDUCATION	432-57-68
<b>105117</b>	Teacher Education Assistance for College and Higher Education (TEACH) Grant, FY10	
7/1/09	to 6/30/10	STUDENT FINANCIAL AID
JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA
\$1,812	DAVENPORT COMMUNITY SCHOOL DISTRICT	400-30-12
<b>105740</b>	Local Support for Iowa Americorps State of Promise Program	
9/1/09	to 8/31/10	EXTENSION/PUBLIC
BROSHAR, DONNIE		EXTENSION 4-H YOUTH DEVELOPMENT-EXT
\$1,688	LOUISA COUNTY EXTENSION	400-30-12
<b>105843</b>	Local Support for Iowa Americorps State of Promise Program	
9/1/09	to 8/31/10	EXTENSION/PUBLIC
BROSHAR, DON		EXTENSION 4-H YOUTH DEVELOPMENT-EXT

November 01 - 30, 2009

250

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$1,688 IOWA 4-H FOUNDATION

400-30-12

**105844** Local Support for Iowa Americorps State of Promise Program

9/1/09 to 8/31/10 EXTENSION/PUBLIC

BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$1,688 YOUTH & SHELTER SERVICES

400-30-12

**105874** Local Support for Iowa Americorps State of Promise Program

9/1/09 to 8/31/10 EXTENSION/PUBLIC

BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT