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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,857,784	IOWA STATE UNIVERSITY-AMES LABORATORY		401-25-01
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY		
	11/1/08 to 12/31/11	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$720,000	AMERICAN CANCER SOCIETY		400-21-29
114738	REGULATION OF HISTONE ACETYLATION IN INDUCIBLE GENE EXPRESSION		
	1/1/12 to 12/31/15	RESEARCH	
	SHOGREN-KNAAK, MICHAEL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$595,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)		416-21-06
115800	NITROGEN RETENTION AND GREENHOUSE GAS FLUXES OF CONSTRUCTED WETLANDS IN AGRICULTURAL WATERSHEDS WITHIN THE UPPER MISSISSIPPI RIVER BASIN		
	9/1/11 to 8/31/14	RESEARCH	
	CRUMPTON, WILLIAM	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
	CO-PI COMITO, JACQUELINE	SOCIOLOGY-AES/CALS	
\$576,000	IOWA BOARD OF REGENTS		475-17-08
116844	GROW IOWA VALUES FUND		
	7/1/11 to 6/30/13	RESEARCH	
	DAHL, LISA	VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$450,000	PIONEER HI-BRED INTERNATIONAL INC		400-44-05
116787	PIONEER PLANT BREEDING COLLABORATION		
	8/26/11 to 8/25/14	RESEARCH	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS	
	CO-PI WINTERSTEEN, WENDY	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$411,283	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP		471-30-53
116085	IOWA LEARNING FARMS: BUILDING A CULTURE OF CONSERVATION-FARMER TO FARMER, IOWAN TO IOWAN		
	1/1/12 to 12/31/12	EXTENSION/PUBLIC	
	MORTON, LOIS	SOCIOLOGY-EXT	
	CO-PI COMITO, JACQUELINE	SOCIOLOGY-EXT	
	CO-PI CRUSE, RICHARD	AGRONOMY-EXT	

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\$411,283 IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP

471-30-53

116085 IOWA LEARNING FARMS: BUILDING A CULTURE OF CONSERVATION-FARMER TO FARMER, IOWAN TO IOWAN

1/1/12 to 12/31/12 EXTENSION/PUBLIC

CO-PI DUFFY, MICHAEL

ECONOMICS-EXT

CO-PI HELMERS, MATTHEW

AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT

CO-PI HANNA, H.

AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT

\$331,883 ED-U.S. DEPARTMENT OF EDUCATION

432-14-03

116771 STUDENT SUPPORT SERVICES

9/1/11 to 8/31/12 INSTRUCTION/TRAINING

KELLOGG, JAPANNAH

STUDENT SUPPORT SERVICES-VPSSA

\$271,879 UNIVERSITY OF DELAWARE

404-21-22

114139 GEPR: GENETIC AND HISTOPATHOLOGICAL DISSECTION OF PHENOTYPIC VARIATION IN QUANTITATIVE RESISTANCE TO MAIZE DISEASES

9/15/11 to 8/31/13 RESEARCH

CARRIQUIRY, ALICIA

STATISTICS-LAS

CO-PI LAUTER, NICK

PLANT PATHOLOGY-AES/CALS

\$271,277 UNIVERSITY OF LOUISVILLE

404-20-34

114158 SOLAR: NEW MATERIALS SEARCH FOR SOLAR ENERGY CONVERSION

9/15/11 to 8/31/14 RESEARCH

RAJAN, KRISHNA

MATERIALS SCIENCE & ENGINEERING-ENGR

\$232,403 UNIVERSITY OF MINNESOTA TWIN CITIES

404-21-23

97644 PRECISE ENGINEERING OF PLANT GENOMES USING ZINC FINGER NUCLEASES

9/15/09 to 8/31/12 RESEARCH

DOBBS, DRENA

GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

CO-PI WANG, KAN

AGRONOMY-AES/CALS

\$230,286 IOWA DEPARTMENT OF NATURAL RESOURCES

473-42-01

111316 LEOPOLD CENTER SUPPORT

7/1/11 to 9/30/11 RESEARCH

HONEYMAN, MARK

LEOPOLD CENTER-AES/CALS

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\$219,992	IOWA DEPARTMENT OF PUBLIC HEALTH		478-30-24
116663	MCH 1-800 HEALTHY FAMILIES/TEENLINE		
	10/1/11 to 9/30/12	EXTENSION/PUBLIC	
	VANGINKEL, MARGARET	EXTENSION TO FAMILIES-EXT	
\$201,360	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)		419-48-27
116724	RESEARCH SUPPORT AGREEMENT		
	10/1/11 to 9/30/12	RESEARCH	
	HOGBERG, MAYNARD	ANIMAL SCIENCE-AES/CALS	
\$169,926	NSF-NATIONAL SCIENCE FOUNDATION		420-40-17
113977	DEFINING THE PLANT CELL WALL XYLOGLUCAN BIOSYNTHETIC COMPLEX LOCALIZED IN GOLGI		
	12/1/11 to 11/30/15	RESEARCH	
	ZABOTINA, OLGA	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$169,744	ED-U.S. DEPARTMENT OF EDUCATION		432-57-11
116617	PELL GRANT, FY12		
	7/1/11 to 6/30/12	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
\$153,821	UNIVERSITY OF IOWA		404-17-31
94386	THE SCIENCE WRITING HEURISTIC		
	6/1/10 to 5/31/12	RESEARCH	
	SHELLEY, MACK	STATISTICS-LAS	
\$150,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION		422-25-09
99525	DYNAMICAL SELECTION OF THREE-DIMENSIONAL INTERFACE PATTERNS IN DIRECTIONAL SOLIDIFICATION		
	6/1/07 to 5/31/12	RESEARCH	
	TRIVEDI, ROHIT	MATERIALS SCIENCE & ENGINEERING-ENGR	

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\$140,657	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC			404-20-98
114302	ZIRCONIUM TUNGSTATE/EPOXY NANOCOMPOSITES WITH LOW THERMAL EXPANSION FOR CONFORMAL COATINGS			
	11/1/11 to 9/22/12	RESEARCH		
	CO-PI KESSLER, MICHAEL		MATERIALS SCIENCE & ENGINEERING-ENGR	
	BADRINARAYANAN, PRASHANTH		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$132,092	IOWA COMMISSION ON VOLUNTEER SERVICE			478-30-19
113494	IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	CO-PI TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	MCCARTHY, JUDY		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$130,216	UNIVERSITY OF MICHIGAN			404-40-22
111809	ROLE OF METHANOTROPHS IN METAL MOBILIZATION, METAL IMMOBILIZATION AND MINERAL WEATHERING: EFFECTS ON IN SITU MICROBIAL COMMUNITY STRUCTURE AND THE SUSTAINABILITY OF SUBSURFACE WATER SYSTEMS			
	9/1/11 to 8/31/12	RESEARCH		
	DISPIRITO, ALAN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$125,297	UNIVERSITY OF IDAHO			410-40-24
114561	IMPLEMENTATION OF BIOFILTRATION TECHNOLOGY			
	9/15/11 to 9/30/13	RESEARCH		
	CO-PI HOFF, STEVEN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	HARMON, JAY		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$120,000	NSF-NATIONAL SCIENCE FOUNDATION			420-21-80
111192	ULTRAFAST MAGNETISM IN COMPLEX MATERIALS: COHERENT AND COOPERATIVE PHENOMENA			
	2/1/11 to 1/31/16	RESEARCH		
	WANG, JIGANG		PHYSICS & ASTRONOMY-LAS	
\$120,000	DOE-U.S. DEPARTMENT OF ENERGY			401-20-04
115949	INDUSTRIAL ASSESSMENT CENTER			
	9/30/11 to 5/31/13	RESEARCH		
	CO-PI MAXWELL, GREGORY		MECHANICAL ENGINEERING-ENGR	
	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	

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\$120,000	DOE-U.S. DEPARTMENT OF ENERGY			401-20-04
115949	INDUSTRIAL ASSESSMENT CENTER			
	9/30/11 to 5/31/13	RESEARCH		
CO-PI	CHRISTY, COLIN		CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$100,000	NORTH CENTRAL SOYBEAN RESEARCH			459-40-45
114700	SCREENING FOR GENETIC RESISTANCE AGAINST SOYBEAN VIRUSES			
	3/1/11 to 2/29/12	RESEARCH		
CO-PI	HILL, JOHN		PLANT PATHOLOGY-AES/CALS	
CO-PI	WHITHAM, STEVEN		PLANT PATHOLOGY-AES/CALS	
\$99,858	IOWA DEPARTMENT OF TRANSPORTATION			474-17-82
116368	DESIGN OF UHPC WAFFLE DECK PANEL SYSTEM FOR BROADER BRIDGE APPLICATIONS			
	11/9/11 to 10/31/12	RESEARCH		
CO-PI	SRITHARAN, SIVALINGAM		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	AALETI, SRIRAM		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	WIPF, TERRY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$97,416	AMERICAN KENNEL CLUB CANINE HEALTH FOUNDATION			400-23-15
115144	PROBIOTIC VSL #3 REDUCES ENTERITIS IN DOGS WITH INFLAMMATORY BOWEL DISEASE			
	1/1/12 to 12/31/13	RESEARCH		
	JERGENS, ALBERT		VETERINARY CLINICAL SCIENCES-VET	
\$88,946	DEERE & COMPANY			400-65-44
113792	HIGH-RESOLUTION, REAL-TIME 3-D SHAPE MEASUREMENT FOR PARTICLE MOTION CAPTURE			
	1/1/11 to 6/30/12	RESEARCH		
CO-PI	ZHANG, SONG		MECHANICAL ENGINEERING-ENGR	
CO-PI	WINER, ELIOT		MECHANICAL ENGINEERING-ENGR	
\$83,006	DEERE & COMPANY			400-65-43
113844	DEVELOPMENT OF ADVANCED COLLABORATION AND MODULAR METHODS TO FACILITATE TRANSITION BETWEEN CONCEPT AND DETAILED DESIGN STAGES			
	1/1/11 to 6/30/12	RESEARCH		
	WINER, ELIOT		MECHANICAL ENGINEERING-ENGR	

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\$83,006	DEERE & COMPANY	400-65-43
113844	DEVELOPMENT OF ADVANCED COLLABORATION AND MODULAR METHODS TO FACILITATE TRANSITION BETWEEN CONCEPT AND DETAILED DESIGN STAGES 1/1/11 to 6/30/12 RESEARCH	
CO-PI	OLIVER, JAMES MECHANICAL ENGINEERING-ENGR	
\$80,765	SOUTHERN ILLINOIS UNIVERSITY	400-42-44
114909	APPLICATION OF BIOTECHNOLOGY TO CONTROL OF THE SOYBEAN CYST NEMATODE: SOYBEAN RESISTANCE GENES 3/16/10 to 9/30/12 RESEARCH	
	CIANZIO, SILVIA AGRONOMY-AES/CALS	
\$78,776	UNIVERSITY OF FLORIDA	404-40-18
113837	UNIFORMMU: A TRANSPOSON RESOURCE FOR FUNCTIONAL GENOMICS OF MAIZE 9/1/11 to 8/31/13 RESEARCH	
CO-PI	VOLLBRECHT, ERIC GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS LAWRENCE, CAROLYN GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$74,995	NATIONAL FLUID POWER ASSOCIATION EDUCATION & TECH FDN	400-41-49
113360	DIELECTRIC SPECTROSCOPIC SENSOR DEVELOPMENT FOR HYDRAULIC FLUID CONTAMINANT DETECTION 1/1/12 to 12/31/13 RESEARCH	
CO-PI	STEWARD, BRIAN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS BIRRELL, STUART AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$70,045	SANDIA CORPORATION-SANDIA NATIONAL LABORATORIES	404-21-79
116465	STATISTICALLY SIGNIFICANT RELATIONAL DATA MINING 3/16/09 to 9/30/12 RESEARCH	
CO-PI	NORDMAN, DANIEL STATISTICS-LAS KAISER, MARK STATISTICS-LAS	
\$68,192	PENNSYLVANIA STATE UNIVERSITY	410-30-35
116346	UPDATED AND OPTIMIZED EGG QUALITY ASSURANCE PROGRAM TO MINIMIZE SALMONELLA ENTERITIDIS CONTAMINATION OF SHELL EGGS 9/1/11 to 8/31/14 RESEARCH	
	TRAMPEL, DARRELL VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-EXT	

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\$65,681	DEERE & COMPANY				400-65-41
113891	EXTENSIBLE VIRTUAL ENGINEERING TOOLS FOR IMPROVED PRODUCT DESIGN				
	1/1/11 to 6/30/12	RESEARCH			
	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR		
CO-PI	MCCORKLE, DOUGLAS		VIRTUAL REALITY APPLICATIONS CENTER - IPRT-VPR/ED		
\$65,308	DEERE & COMPANY				400-65-40
113861	DEVELOPING TOOLS FOR THE DESIGN OF MULTIPHASE FLOWS				
	1/1/11 to 6/30/12	RESEARCH			
	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR		
\$62,101	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)				417-30-17
115999	4-H AND FISH AND WILDLIFE SERVICE GIS MAPPING EXPANSION				
	9/1/11 to 10/31/12	EXTENSION/PUBLIC			
	STAKER, JAY		EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
CO-PI	JENSEN, ALAN		EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT		
\$60,340	DEERE & COMPANY				400-65-42
113843	ENHANCING INTEGRATED ROBUST OPTIMAL DESIGN ENVIRONMENT FOR INTEGRATION OF OFF-THE-SHELF SIMULATION TOOLS, USER FRIENDLINESS, AND EXPANDED CAPABILITIES				
	1/1/11 to 6/30/12	RESEARCH			
	KELKAR, ATUL		MECHANICAL ENGINEERING-ENGR		
\$60,000	BOEING COMPANY				400-17-29
117187	NSF//UCRC CENTER FOR INFORMATION PROTECTION-BOEING				
	1/1/12 to 12/31/12	RESEARCH			
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$57,002	IOWA DEPARTMENT OF HUMAN SERVICES				470-30-21
116156	REACHING OUT TO LOW INCOME FAMILIES AND SENIORS, AND TO FAMILY SUPPORT STAFF TO STRENGTHEN ACCESS TO NUTRITIOUS FOODS THROUGH THE IOWA FOOD ASSISTANCE PROGRAM				
	10/1/11 to 9/30/12	EXTENSION/PUBLIC			
	GREDER, KIMBERLY		HUMAN DEVELOPMENT & FAMILY STUDIES-HS		
CO-PI	ZALENSKI, PHYLLIS		EXTENSION TO FAMILIES-EXT		

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	\$55,781	NATIONAL PORK PRODUCERS COUNCIL		453-30-06
116431		BALANCING ENVIRONMENTAL AND FEED AVAILABILITY CONCERNS		
		11/1/11 to 7/31/12	RESEARCH	
		HART, CHAD	ECONOMICS-EXT	
	CO-PI	JACOBS, KERI	ECONOMICS-AES/CALS	
	\$55,000	BILL & MELINDA GATES FOUNDATION		400-44-10
114658		STRENGTHENING THE ASSOCIATION OF AFRICAN AGRICULTURAL PROFESSIONALS IN THE DIASPORA		
		6/3/09 to 2/29/12	MISCELLANEOUS	
		MANU, ANDREW	AGRONOMY-AES/CALS	
	\$50,000	COTTON INC		400-21-31
113390		THE GENOMIC CONSEQUENCES OF POLYPLOIDY IN TWO AGRONOMICALLY IMPORTANT COTTON SPECIES		
		1/1/12 to 12/31/12	RESEARCH	
		WENDEL, JONATHAN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI	GROVER, CORRINNE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	\$50,000	UNIVERSITY OF CALIFORNIA SANTA BARBARA		404-25-07
113544		QUANTUM MEMORIES IN PHOTON-ATOMIC-SOLID-STATE SYSTEMS (QUMPASS)		
		11/1/11 to 10/31/14	RESEARCH	
		DOBROVITSKI, VIATCHES	PHYSICS & ASTRONOMY-LAS	
	\$50,000	ARCHER DANIELS MIDLAND COMPANY		400-21-20
116721		PRACTICAL WATERBORNE AGRICULTURAL OIL-BASED COATINGS		
		1/10/10 to 8/31/12	RESEARCH	
		LAROCK, RICHARD	CHEMISTRY-LAS	
	\$50,000	CHEVRON PHILLIPS CHEMICAL COMPANY LLC		400-72-04
116963		CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP		
		12/1/11 to 11/30/12	RESEARCH	
		SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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\$50,000	ROCKWELL COLLINS				400-20-66
117018	MAP-AIDED NAVIGATION FOR AERIAL PLATFORMS				
	12/1/11 to 8/31/12	RESEARCH			
	SOMANI, ARUN		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$50,000	MICHELIN AMERICAS RESEARCH & DEVELOPMENT CORPORATION				400-72-04
117203	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP				
	12/20/11 to 12/19/12	RESEARCH			
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR		
\$49,437	UNIVERSITY OF IOWA				475-20-13
115789	A WIND TUNNEL STUDY OF THE INTERFERENCES OF MULTIPLE WIND TURBINES OVER COMPLEX TERRAINS FOR THE OPTIMAL TURBINE SITE DESIGN AND DURABILITY IN OPERATION				
	7/1/11 to 7/1/12	RESEARCH			
	HU, HUI		AEROSPACE ENGINEERING-ENGR		
CO-PI	PARTHA, SARKAR		AEROSPACE ENGINEERING-ENGR		
CO-PI	WLEZIEN, RICHARD		AEROSPACE ENGINEERING-ENGR		
\$49,000	UNIVERSITY OF NEBRASKA OMAHA				404-08-01
115885	ENERGY CONSORTIUM OF THE SMALL BUSINESS DEVELOPMENT CENTERS OF SBA REGION VII				
	9/15/11 to 12/31/11	EXTENSION/PUBLIC			
	HECKMANN, JAMES		BUSINESS ADMINISTRATION-BUS		
\$47,707	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP				471-30-52
116662	DEMONSTRATION OF THE IMPACTS OF MIXED ANNUAL-PERENNIAL AGROECOSYSTEMS ON WATER QUALITY				
	10/1/11 to 9/30/12	EXTENSION/PUBLIC			
	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT		
\$45,334	NORTH CAROLINA STATE UNIVERSITY				404-28-43
113654	RESEARCH: MASTER SCIENCE HOBBYISTS: CHARACTERISTICS, MOTIVATIONS, EXPERIENCES, AND CAREER TRAJECTORIES				
	1/1/12 to 12/31/13	RESEARCH			
	ANDRE, THOMAS		CURRICULUM & INSTRUCTION-HS		

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\$43,900	IOWA DEPARTMENT OF HUMAN SERVICES		478-20-04
116993	ADAPTIVE EQUIPMENT CENTER		
	7/1/11 to 6/30/12	RESEARCH	
	STONE, RICHARD	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$41,250	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION		422-21-07
106563	UNDERSTANDING THE YOUNGEST X-RAY BINARY POPULATIONS IN LOW METALLICITIES		
	6/1/10 to 5/31/13	RESEARCH	
	ANTONIOU, VALSAMO	PHYSICS & ASTRONOMY-LAS	
CO-PI	MARENGO, MASSIMO	PHYSICS & ASTRONOMY-LAS	
\$40,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)		412-05-50
116449	DEVELOPMENT AND PUBLICATION OF THE "3RD EDITION OF M. BOVIS INFECTION IN ANIMAL AND HUMANS"		
	9/27/11 to 9/26/12	INSTRUCTION/TRAINING	
	THOEN, CHARLES	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$37,908	MAQUOKETA AREA CHAMBER OF COMMERCE		400-30-39
116518	MAQUOKETA VISIONING FOR THE FUTURE		
	10/1/11 to 9/30/12	EXTENSION/PUBLIC	
	BORICH, TIMOTHY	EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT	
\$33,250	IOWA DEPARTMENT OF EDUCATION		472-30-06
117061	TEAM NUTRITION: FARM TO SCHOOL		
	10/1/11 to 9/30/12	EXTENSION/PUBLIC	
	STROHBELN, CATHERINE	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT	
CO-PI	LITCHFIELD, RUTH	FOOD SCIENCE & HUMAN NUTRITION-EXT	
\$31,000	PRATT & WHITNEY		400-65-46
116795	TASK 11-SUPPORT IN DEFINITION OF OPTIMUM X-RAY FILTERS FOR AN ENHANCED X-RAY INSPECTION OF TURBINE BLADES		
	11/1/11 to 12/31/11	RESEARCH	
	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	GRAY, JOSEPH	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	JENSEN, TERRENCE	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	

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\$28,860	UNIVERSITY OF IOWA			404-23-03
116031	ETIOLOGY OF CYSTIC FIBROSIS-RELATED DIABETES IN A CFTR-KNOCKOUT FERRET			
	7/20/11 to 6/30/12	RESEARCH		
	FRANA, TIMOTHY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$26,500	ISU RESEARCH FOUNDATION			405-40-01
116956	ACIDIFICATION OF CORN GLUTEN MEAL			
	7/1/11 to 6/30/12	RESEARCH		
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$25,999	PHYSICAL SCIENCES INC			404-20-42
117085	BOUNDARY LAYER THEORY AND MODELING OF INSECT MICROSTRUCTURES			
	7/1/11 to 11/29/11	RESEARCH		
	ROTHMAYER, ALRIC		AEROSPACE ENGINEERING-ENGR	
\$25,606	ENDOMETRIC CORPORATION			400-65-47
116653	AUTOMATED LABELING OF UNSEEN MUCOSA AREAS DURING COLONOSCOPY			
	1/1/12 to 1/1/13	RESEARCH		
	CHANG, CARL		COMPUTER SCIENCE-LAS	
CO-PI	MUFF, BRIAN		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$25,380	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			419-48-11
116734	RESEARCH SUPPORT AGREEMENT			
	10/1/11 to 9/30/12	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	
\$25,000	GRAIN PROCESSING CORPORATION			400-72-04
116968	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	12/1/11 to 11/30/12	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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\$25,000	POET LLC			400-72-04
116979	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	11/25/11 to 11/24/12	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$24,000	SYNGENTA CROP PROTECTION INC			400-42-67
115772	SEED TREATMENT FIELD TRIALS 2011			
	7/1/11 to 6/30/13	RESEARCH		
	MUNKVOLD, GARY		PLANT PATHOLOGY-AES/CALS	
\$23,805	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP			471-30-18
115051	BIOFUMIGATION POTENTIAL TO PROMOTE WOODS GROWN AMERICAN GINSENG			
	10/1/11 to 9/30/13	EXTENSION/PUBLIC		
	RANDALL, JESSE		NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT	
\$23,441	NIH-NATIONAL INSTITUTES OF HEALTH			430-21-05
87415	REGULATIONS OF SNARE-DEPENDENT MEMBRANE FUSION			
	12/1/10 to 11/30/12	RESEARCH		
	SHIN, YEON-KYUN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$22,713	DUCTSOX CORPORATION			400-65-45
116776	ENHANCING GREEN BUILDING EFFICIENCY THROUGH FABRIC DUCTING			
	12/15/11 to 12/14/12	RESEARCH		
	GANAPATHYSUBRAMANIAN, B		MECHANICAL ENGINEERING-ENGR	
CO-PI	OLSEN, MICHAEL		MECHANICAL ENGINEERING-ENGR	
CO-PI	MUFF, BRIAN		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$20,077	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP			471-30-49
115072	ESTABLISHING STANDARDS FOR THE FERTILIZATION OF FIR TREES TO ASSIST IOWA CHRISTMAS TREE GROWERS			
	10/1/11 to 9/30/14	EXTENSION/PUBLIC		
	RANDALL, JESSE		NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT	

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\$18,782	ARIZONA STATE UNIVERSITY			400-20-50
116400	SEAMLESS POWER SYSTEM ANALYTICS S-46G			
	8/15/11 to 12/31/11	RESEARCH		
	MCCALLEY, JAMES		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$18,000	WINNESHIEK COUNTY EXTENSION			400-30-29
117011	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$16,572	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN			400-41-55
115267	NESTED ASSOCIATION MAPPING (NAM) OF GENES CONTROLLING SOYBEAN YIELD AND OTHER KEY TRAITS			
	3/1/11 to 2/29/12	RESEARCH		
	BEAVIS, WILLIAM		AGRONOMY-AES/CALS	
\$14,408	MICHIGAN STATE UNIVERSITY			410-30-30
114338	ASSET BUILDING IN RURAL COMMUNITIES-EXPLORING BARRIERS AND IDENTIFYING OPPORTUNITIES AS STRATEGIES FOR POVERTY REDUCTION			
	10/1/11 to 9/30/12	EXTENSION/PUBLIC		
	FLETCHER, CYNTHIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
CO-PI	WARNING, JEANNE		EXTENSION TO FAMILIES-EXT	
\$14,201	NSF-NATIONAL SCIENCE FOUNDATION			420-40-11
116548	RAPID COLLABORATIVE RESEARCH: FIRE SEVERITY AND ECOSYSTEM IMPACTS IMMEDIATELY FOLLOWING AN EXTREME FIRE EVENT IN NORTHERN MINNESOTA			
	11/1/11 to 10/31/12	RESEARCH		
	WOLTER, PETER		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$13,500	MICHIGAN STATE UNIVERSITY			410-30-31
114376	HELPING NONMETRO COMMUNITIES AND UNDERSERVED ENTREPRENEURS GROW TOGETHER			
	10/1/11 to 8/31/12	EXTENSION/PUBLIC		
	BORICH, TIMOTHY		COMMUNITY & REGIONAL PLANNING-DSN	

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\$12,700	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	471-40-05
115158	INCREASED PRODUCTION OF PEAR AND PEACH WITH IMPROVED CULTIVARS TO INCREASE PROFITABILITY AND CONSUMPTION OF IOWA SPECIALTY CROPS 10/1/11 to 9/30/13 RESEARCH HONEYMAN, MARK ISU RESEARCH AND DEMONSTRATION FARMS-AES/CALS	
\$12,555	IA DPS-GOVERNORS TRAFFIC SAFETY BUREAU	478-12-15
116523	GOVERNOR'S TRAFFIC SAFETY BUREAU TRAFFIC ENFORCEMENT 10/1/11 to 9/30/12 MISCELLANEOUS STEWART, JERRY VICE PRESIDENT FOR BUSINESS & FINANCE-VPBF	
\$10,384	OHIO STATE UNIVERSITY	400-21-08
115777	TEACHING REPLACEMENT FUNDS 8/15/11 to 12/31/11 INSTRUCTION/TRAINING MATZAVINOS, ANASTASIOS MATHEMATICS-LAS	
\$10,037	KOCH AGRONOMIC SERVICES LLC	400-30-07
116470	ANHYDROUS AMMONIA DISTRIBUTION WITH A TANK ADDITIVE 10/5/11 to 5/20/12 EXTENSION/PUBLIC HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS CO-PI SAWYER, JOHN AGRONOMY-AES/CALS	
\$10,000	IOWA DEPARTMENT OF COMMERCE	478-17-00
99209	OPERATIONAL FUNDS FOR THE IOWA ENERGY CENTER 11/4/11 to 12/31/99 RESEARCH NORDMEYER, KEVIN IOWA ENERGY CENTER-VPR/ED	
\$10,000	UNIVERSITY OF IOWA	475-20-18
116910	DEVELOPMENT OF "INTRODUCTION TO WIND ENERGY" SUITABLE FOR JUNIORS 7/1/11 to 7/1/12 INSTRUCTION/TRAINING RAJAGOPALAN, R. AEROSPACE ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$9,875	ED-U.S. DEPARTMENT OF EDUCATION	432-57-90
112138	PELL GRANT, FY11	
	7/1/10 to 6/30/11 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$9,000	ISK BIOSCIENCES	400-41-32
116627	EVALUATE TWO RATES OF OMEGA 500F AND THREE RATES OF IKF-5411 FOR CONTROL OF SCLEROTINIA ON SOYBEAN	
	1/31/11 to 1/31/12 RESEARCH	
	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
	CO-PI NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
\$9,000	CENTERVILLE COMMUNITY SCHOOL DISTRICT	400-30-29
117007	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,900	SYNGENTA LAWN AND GOLF	400-41-51
116850	TURFGRASS SPREADER CALIBRATION PROJECT-2011	
	10/24/11 to 12/31/11 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
\$6,000	CENTERVILLE COMMUNITY SCHOOL DISTRICT	400-30-29
117007	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$5,931	INSTITUTE FOR CHARACTER DEVELOPMENT	400-28-10
116718	CHARACTER COUNTS ARTICLE 1	
	9/6/11 to 1/31/12 RESEARCH	
	GALLOWAY, ROBIN RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	

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\$5,567	ED-U.S. DEPARTMENT OF EDUCATION		432-57-09
116616	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY12		
	7/1/11 to 6/30/12	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
\$5,063	LUTHERAN SERVICES OF IOWA		400-30-29
117261	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM		
	9/1/11 to 8/31/12	EXTENSION/PUBLIC	
	TALLMAN, KELI	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,500	UNIVERSITY OF WYOMING		410-30-37
116831	ANNIES PROJECT TRAINING FOR EXTENSION EDUCATORS		
	10/1/11 to 3/31/12	EXTENSION/PUBLIC	
	LAWRENCE, JOHN	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
CO-PI	EGGERS, TIMOTHY	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$3,000	UNITED ACTION FOR YOUTH		400-30-29
117008	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM		
	9/1/11 to 8/31/12	EXTENSION/PUBLIC	
	TALLMAN, KELI	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)		419-48-09
117245	RESEARCH SUPPORT AGREEMENT		
	10/1/11 to 9/30/12	RESEARCH	
	POWELL-COFFMAN, JO	GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$2,000	CHEMINOVA INC		400-41-32
117073	EVALUATE CHEMINOVA PRODUCTS FOR SOYBEAN DISEASES AND YIELD		
	5/1/11 to 4/30/12	RESEARCH	
	YANG, XIAO	PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL	PLANT PATHOLOGY-AES/CALS	

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\$1,500	BLACK HAWK COUNTY EXTENSION			400-30-29
116566	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	ADAIR COUNTY EXTENSION			400-30-29
117001	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND			400-30-29
117009	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND			400-30-29
117009	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	EVERYBODY WINS! IOWA			400-30-29
117010	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-05
116238	LOCAL TECHNICAL ASSISTANCE PROGRAM 2011-EVERY DAY COUNTS SUPPORT			
	1/1/11 to 12/31/11	RESEARCH		
	KNAPP, KEITH		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,000 SOLAZYME INC

400-72-04

117082 CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP

6/1/11 to 8/1/11 MISCELLANEOUS

SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

\$1,000 ILLINOIS TOOL WORKS

400-72-04

117107 CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP

8/1/10 to 8/30/10 RESEARCH

SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

\$567 NIH-NATIONAL INSTITUTES OF HEALTH

430-23-38

84859 SUMMER RESEARCH TRAINING OF VETERINARY MEDICAL STUDENTS

4/1/11 to 3/31/12 INSTRUCTION/TRAINING

PHILLIPS, GREGORY VETERINARY MEDICINE ADMINISTRATION