

January 01 - 31, 2011

311

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,593,920	DEPARTMENT OF ENERGY			401-25-01
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY			
	11/1/08 to 12/31/11	RESEARCH		
	KING, ALEXANDER		AMES LABORATORY	
\$2,950,000	CONOCOPHILLIPS COMPANY			400-77-17
113490	BIOFUELS RESEARCH PROGRAM (2011)			
	1/1/11 to 12/31/11	RESEARCH		
	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	
\$655,120	NATIONAL SCIENCE FOUNDATION			420-40-80
97619	THE FUNCTIONAL INTERACTOME OF CEREALS WITH THE FUNGAL BIOTROPH, BLUMERIA GRAMINIS			
	3/15/10 to 2/29/12	RESEARCH		
	WISE, ROGER		PLANT PATHOLOGY-CALS	
CO-PI	BOGDANOVA, ADAM		PLANT PATHOLOGY-CALS	
CO-PI	NETTLETON, DANIEL		STATISTICS-LAS	
CO-PI	DICKERSON, JULIE		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	LESHEM-ACKERMAN, ADAH		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$489,469	ARCHER DANIELS MIDLAND			400-41-43
113324	A COMPREHENSIVE APPLICATION OF PHAGE DISPLAY FOR HIGH THROUGHPUT SCREENING AND AFFINITY SELECTION OF PROTEIN/PEPTIDE LIGANDS			
	1/1/11 to 12/31/13	RESEARCH		
	RAO, ARAGULA		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$472,058	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-40
113704	WATER AND NUTRIENT RESEARCH: IN-FIELD AND OFFSITE STRATEGIES			
	1/1/11 to 12/31/11	RESEARCH		
	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	CRUMPTON, WILLIAM		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$413,922	IOWA DEPARTMENT OF NATURAL RESOURCES			473-44-41
113496	AMBIENT LAKE WATER QUALITY MONITORING 2011-2013			
	1/1/11 to 12/31/13	RESEARCH		
	DOWNING, JOHN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	

January 01 - 31, 2011

312

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$413,922	IOWA DEPARTMENT OF NATURAL RESOURCES			473-44-41
113496	AMBIENT LAKE WATER QUALITY MONITORING 2011-2013			
	1/1/11 to 12/31/13	RESEARCH		
CO-PI	FILSTRUP, CHRISTOPHER		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$400,000	NATIONAL SCIENCE FOUNDATION			420-60-63
111435	CAREER: ULTRAFAST TIME/FREQUENCY DOMAIN COHERENT ANTI-STOKES RAMAN SPECTROSCOPY FOR COMBUSTION AND PLASMA SYSTEMS			
	1/15/11 to 12/31/15	RESEARCH		
	MEYER, TERRENCE		MECHANICAL ENGINEERING-ENGR	
\$338,076	NATIONAL INSTITUTES OF HEALTH			430-21-10
107257	REGULATION OF CHROMATIN STRUCTURE AND GENE EXPRESSION BY H3S10 PHOSPHORYLATION			
	1/1/11 to 12/31/11	RESEARCH		
	JOHANSEN, KRISTEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	JOHANSEN, JORGEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	GIRTON, JACK		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$337,028	PFIZER ANIMAL HEALTH			400-23-37
113691	REFINEMENT OF A PIGLET MODEL FOR CLOSTRIDIUM PERFRINGENS TYPE A INFECTION			
	12/1/10 to 5/31/12	RESEARCH		
	SONGER, J		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$325,216	NATIONAL SCIENCE FOUNDATION			420-40-88
111244	DNA METHYLATION AND THE EVOLUTION OF SOCIAL INSECT CASTES			
	1/15/11 to 12/31/12	RESEARCH		
	TOTH, AMY		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$294,931	CORPORATION FOR PUBLIC BROADCASTING			400-12-05
113612	FY 2011 RADIO COMMUNITY SERVICE GRANT			
	10/1/10 to 9/30/12	DEPT/ADMIN SUPPORT		
	HERRINGTON, MARY GRACE		WOI RADIO-VPBF	

January 01 - 31, 2011

313

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$289,612	NATIONAL INSTITUTES OF HEALTH			430-17-13
94191	NEUROINFLAMMATORY MECHANISMS IN THE PROGRESSION OF PARKINSONS DISEASE			
	2/1/11 to 1/31/12	RESEARCH		
	KANTHASAMY, ARTHI	BIOMEDICAL SCIENCES-VET		
CO-PI	KANTHASAMY, ANUMANATHA	BIOMEDICAL SCIENCES-VET		
\$239,733	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		
\$234,423	NATIONAL INSTITUTES OF HEALTH			430-21-05
87415	REGULATIONS OF SNARE-DEPENDENT MEMBRANE FUSION			
	12/1/10 to 11/30/11	RESEARCH		
	SHIN, YEON-KYUN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY		
\$234,000	DEPARTMENT OF AGRICULTURE, NIFA			416-40-62
107936	A PROPOSAL TO TRAIN DOCTORAL STUDENTS IN THE ECONOMICS AND MANAGEMENT OF BIO-RENEWABLE ENERGY			
	1/15/11 to 1/14/16	FELLOWSHIP		
	BEGHIN, JOHN	ECONOMICS-AES/CALS		
CO-PI	MOSCHINI, GIANCARLO	ECONOMICS-AES/CALS		
CO-PI	BUSHNELL, JAMES	ECONOMICS-AES/CALS		
\$225,000	DEPARTMENT OF AGRICULTURE, RD			412-40-26
111624	IOWA ALLIANCE FOR COOPERATIVE BUSINESS DEVELOPMENT			
	1/1/11 to 12/31/11	RESEARCH		
	MOSCHINI, GIANCARLO	ECONOMICS-AES/CALS		
CO-PI	ARTZ, GEORGEANNE	ECONOMICS-AES/CALS		
CO-PI	JARBOE, DARREN	CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS		
CO-PI	KIMLE, KEVIN	ECONOMICS-AES/CALS		
CO-PI	GINDER, ROGER	ECONOMICS-AES/CALS		
CO-PI	MARTENS, BOBBY	LOGISTICS, OPERATIONS, & MANAGEMENT INFORMATION SYSTEMS-BUS		

January 01 - 31, 2011

314

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$220,125	NATIONAL INSTITUTES OF HEALTH	430-21-37
80848	HISTONE MODIFICATIONS AND HIGHER-ORDER CHROMATIN STRUCTURE	
	2/1/11 to 1/31/12 RESEARCH	
	SHOGREN-KNAAK, MICHAEL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
\$210,965	DEPARTMENT OF COMMERCE	426-35-20
107854	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE	
	11/20/10 to 12/31/10 EXTENSION/PUBLIC	
	WILCOX, RUTH	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
CO-PI	MILLER, JOANN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
CO-PI	THOMPSON, DEREK	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
\$204,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION	405-17-01
107443	OFFICE OF INTELLECTUAL PROPERTY AND TECHNOLOGY TRANSFER SUPPORT	
	1/6/11 to 12/31/99 RESEARCH	
	QUISENBERRY, SHARRON	VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED
\$200,000	NORTH CAROLINA STATE UNIVERSITY	400-44-01
99806	SOYBEAN CYST NEMATODE PARASITISM GENES	
	1/1/09 to 1/1/12 RESEARCH	
	BAUM, THOMAS	PLANT PATHOLOGY-AES/CALS
\$199,800	NATIONAL INSTITUTES OF HEALTH	430-46-08
99816	DEVELOPMENT OF A NOVEL PORCINE MODEL OF DUCHENNE MUSCULAR DYSTROPHY	
	2/1/11 to 1/31/12 RESEARCH	
	ROSS, JASON	ANIMAL SCIENCE-AES/CALS
CO-PI	SELSBY, JOSHUA	ANIMAL SCIENCE-AES/CALS
\$177,600	KANSAS STATE UNIVERSITY	404-23-14
97519	NATIONAL CENTER OF EXCELLENCE FOR ZOO NOTIC AND EMERGING ANIMAL DISEASES, EDUCATION AND OUTREACH	
	7/1/10 to 6/30/11 EXTENSION/PUBLIC	
	ROTH, JAMES	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
CO-PI	HOSTETTER, JESSE	VETERINARY PATHOLOGY-VET
CO-PI	BICKETT-WEDDLE, DANELLE	CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET

January 01 - 31, 2011

315

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$177,600	KANSAS STATE UNIVERSITY			404-23-14
97519	NATIONAL CENTER OF EXCELLENCE FOR ZOO NOTIC AND EMERGING ANIMAL DISEASES, EDUCATION AND OUTREACH			
	7/1/10 to 6/30/11	EXTENSION/PUBLIC		
CO-PI	DVORAK, GLENDA		CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	FLAMING, KEVAN		CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	EIA, CHERYL		CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$150,000	IOWA DEPARTMENT OF EDUCATION			472-28-15
111998	PROGRAM-WIDE POSITIVE BEHAVIORAL SUPPORT (PBIS) COACHES TRAINING AND SUPPORT			
	9/1/10 to 9/30/11	INSTRUCTION/TRAINING		
	PETERSON, CARLA		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	LUZE, GAYLE		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$150,000	MIDAMERICAN ENERGY COMPANY			400-20-73
113497	MIDAMERICAN ENERGY COMPANY ELECTRIC POWER RESEARCH CENTER (MEC-EPRC)			
	11/1/10 to 10/30/11	RESEARCH		
	MCCALLEY, JAMES		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$140,000	NATIONAL SCIENCE FOUNDATION			420-61-71
92095	SEX CHROMOSOME EVOLUTION IN TURTLES			
	1/1/10 to 12/31/11	RESEARCH		
	VALENZUELA-CASTRO, MARIA		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$136,582	ANNIE E. CASEY FOUNDATION			400-17-32
113957	ADOPTION AND IMPLEMENTATION SUPPORT INNOVATIONS FOR PROSPER PARTNERSHIP-BASED EBI DELIVERY NETWORKS			
	9/1/10 to 8/31/11	RESEARCH		
	SPOTH, RICHARD		PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED	
\$133,996	UNIVERSITY OF WASHINGTON			404-28-29
111190	NATIONAL CENTER ON QUALITY TEACHING AND LEARNING			
	12/1/10 to 9/14/11	RESEARCH		
	PETERSON, CARLA		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	

January 01 - 31, 2011

316

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$131,870	IOWA DEPARTMENT OF HUMAN SERVICES	470-30-17
111533	REACHING OUT TO SENIORS AND FOOD PANTRY PARTICIPANTS TO STRENGTHEN ACCESS TO NUTRITIOUS FOOD THROUGH THE IOWA FOOD ASSISTANCE PROGRAM 10/1/10 to 9/30/11 EXTENSION/PUBLIC	
	GREDER, KIMBERLY HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
CO-PI	GARASKY, STEVEN HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	COOK, CHRISTINE HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$130,000	AMERICAN CONCRETE PAVEMENT ASSOCIATION	400-17-25
113975	MANAGEMENT OF NATIONAL CP TECH CENTER 2011 1/1/11 to 12/31/11 DEPT/ADMIN SUPPORT	
	CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$129,026	UNILEVER RESEARCH AND DEVELOPMENT	400-28-27
112123	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY METHOD FOR QUANTIFYING LIPOPHILIC BIOACTIVES II 1/1/11 to 7/31/11 RESEARCH	
	WHITE, WENDY FOOD SCIENCE & HUMAN NUTRITION-HS	
\$125,000	CORNELL UNIVERSITY	404-40-86
106392	NATIONAL BEEF CATTLE EVALUATION CONSORTIUM 7/1/10 to 6/30/11 RESEARCH	
	GARRICK, DORIAN ANIMAL SCIENCE-AES/CALS	
\$120,000	UNIVERSITY OF MARYLAND	404-65-01
78949	IRON-BASED MAGNETOSTRICTIVE ALLOYS: NEW STRUCTURAL MATERIALS FOR REVOLUTIONARY ENGINEERED SYSTEMS 10/1/07 to 5/31/11 RESEARCH	
	LOGRASSO, THOMAS MATERIALS SCIENCE & ENGINEERING	
CO-PI	MCQUEENEY, ROBERT PHYSICS & ASTRONOMY	
\$110,004	UNIVERSITY OF TEXAS AT AUSTIN	400-20-43
108318	MANAGING INDIRECT COSTS (RTS #3) 9/1/10 to 8/31/12 RESEARCH	
	JASELSKIS, EDWARD CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

January 01 - 31, 2011

317

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$110,000	JUVENILE DIABETES RESEARCH FOUNDATION			400-20-28
104511	USE OF INPUT-BASED MODELS FOR IMPROVED GLUCOSE CONTROL IN TYPE 1 DIABETES			
	9/1/10 to 8/31/11	RESEARCH		
	ROLLINS, DERRICK		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$109,398	WINEGARD COMPANY			400-25-36
113729	MOTION BASE OPERATION, SYNCHRONIZATION, AND CONTROL			
	12/31/10 to 12/31/11	RESEARCH		
	LUECKE, GREG		MECHANICAL ENGINEERING-ENGR	
\$109,388	UNIVERSITY OF MINNESOTA			400-33-14
113307	AGRONOMIC LIMITATIONS OF SOYBEAN YIELD AND SEED QUALITY IN U.S.			
	1/1/11 to 12/31/11	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-EXT	
\$109,167	KANSAS STATE UNIVERSITY			410-28-01
111461	UNIVERSITY PASSPORT PROGRAM			
	9/1/10 to 4/30/12	INSTRUCTION/TRAINING		
	PETERSON, CARLA		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$102,337	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, LLC			404-20-95
111755	DIAMOND THERMAL MANAGEMENT SYSTEM PHASE I			
	1/10/11 to 9/30/11	RESEARCH		
	MOLIAN, PALANIAPPA		MECHANICAL ENGINEERING-ENGR	
	CO-PI WANG, XINWEI		MECHANICAL ENGINEERING-ENGR	
\$97,649	DEPARTMENT OF EDUCATION			432-57-86
112126	ACADEMIC COMPETITIVENESS GRANT, FY11			
	7/1/10 to 6/30/11	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	

January 01 - 31, 2011

318

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

	\$80,000	NATIONAL SCIENCE FOUNDATION		420-20-75
104220		CAREER: MEETING DEADLINES: THEORIES AND ALGORITHMS TO SUPPORT DELAY CONSTRAINED COMMUNICATION IN WIRELESS NETWORKS		
		1/15/10 to 12/31/11	RESEARCH	
		YING, LEI	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
	\$76,583	NATIONAL INSTITUTES OF HEALTH		430-17-12
91406		A MEASUREMENT ERROR APPROACH TO ESTIMATING USUAL DAILY PHYSICAL ACTIVITY DISTRIBUTIONS		
		9/15/08 to 5/31/11	RESEARCH	
		WELK, GREGORY	KINESIOLOGY	
	CO-PI	CARRIQUIRY, ALICIA	STATISTICS	
	CO-PI	NUSSER, SARAH	STATISTICS	
	\$75,000	UNIVERSITY OF IOWA		475-17-14
108490		DEVELOPMENT OF QUALITY STANDARDS FOR INCLUSION OF HIGH RECYCLED ASPHALT PAVEMENT CONTENT IN ASPHALT MIXTURES		
		8/1/10 to 7/31/12	RESEARCH	
		WILLIAMS, R	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	\$58,018	KENT STATE UNIVERSITY		404-25-81
79256		SELF-ASSEMBLED SOFT OPTICAL NIMS		
		10/1/10 to 4/30/11	RESEARCH	
		SOUKOULIS, COSTAS	PHYSICS & ASTRONOMY	
	\$55,935	BROOKHAVEN SCIENCE ASSOCIATES, LLC, BROOKHAVEN NATIONAL LABORATORY		444-21-06
113282		LONG BASELINE NEUTRINO EXPERIMENT		
		1/6/11 to 9/30/11	RESEARCH	
		SANCHEZ, MAYLY	PHYSICS & ASTRONOMY-LAS	
	\$55,000	CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH, INC		404-66-01
104028		NEW GENES FOR STRESS TOLERANCE IN BIOENERGY CROPS		
		1/1/10 to 12/31/10	RESEARCH	
		HOWELL, STEPHEN	GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	

January 01 - 31, 2011

319

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$54,000	IOWA DEPARTMENT OF NATURAL RESOURCES				473-44-30
113528	URBAN FISHERIES DEVELOPMENT PLANS IN CITY OF DES MOINES				
	1/1/11 to 1/31/12	RESEARCH			
	MORRIS, JOSEPH		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS		
\$50,737	UNIVERSITY OF CALIFORNIA, DAVIS				404-40-37
111564	COST-BENEFIT ANALYSIS OF GOOD AGRICULTURAL PRACTICE (GAP) METRICS FOR PRODUCE				
	8/1/10 to 7/31/11	RESEARCH			
	JENSEN, HELEN		ECONOMICS-AES/CALS		
CO-PI	POULIOT, SEBASTIEN		ECONOMICS-AES/CALS		
\$50,000	NORTH DAKOTA STATE UNIVERSITY				404-21-42
107660	CENTER FOR NANOSCALE ENERGY				
	7/1/10 to 6/30/11	RESEARCH			
	VELA-BECERRA, JAVIER		CHEMISTRY-LAS		
CO-PI	HOUK, ROBERT		CHEMISTRY-LAS		
\$45,000	THE UNITED SORGHUM CHECKOFF PROGRAM BOARD				410-40-36
112107	GRAIN SORGHUM LAND USE				
	3/1/10 to 6/30/11	RESEARCH			
	BABCOCK, BRUCE		ECONOMICS-AES/CALS		
\$45,000	IOWA DEPARTMENT OF TRANSPORTATION				474-17-70
113338	EVALUATION AND GUIDANCE FOR EFFECTIVE TRAFFIC CALMING AND TRAFFIC CONTROL IN SMALL RURAL COMMUNITIES				
	12/27/10 to 12/31/12	RESEARCH			
	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	HAWKINS, NEAL		INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED		
\$44,380	DANISCO UK LTD				400-41-44
113690	INTERACTIONS OF ENZYMES AND DFMS IN TERMS OF DIGESTIBILITY AND FIBRE DISAPPEARANCE AT THE ILEAL LEVEL IN BROILERS				
	2/1/11 to 12/31/11	RESEARCH			
	PERSIA, MICHAEL		ANIMAL SCIENCE-AES/CALS		

January 01 - 31, 2011

320

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$42,228	UNIVERSITY OF ILLINOIS			400-43-93
108038	IDENTIFICATION AND UTILIZATION OF RESISTANCE TO SOYBEAN RUST			
	1/1/09 to 12/31/11	RESEARCH		
	CIANZIO, SILVIA		AGRONOMY-AES/CALS	
\$40,977	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			422-21-09
106537	PHOTOMETRY OF A VARIABLE HOT SUBDWARF STAR IN NGC 6791			
	1/15/11 to 1/14/12	RESEARCH		
	KAWALER, STEVEN		PHYSICS & ASTRONOMY-LAS	
\$40,000	UNIVERSITY OF NORTHERN IOWA			475-40-52
113507	DEVELOPING A NOVEL ALGAL CULTURE SYSTEM AS LIFE SUPPORT SYSTEM UNDER MICROGRAVITY CONDITIONS			
	12/1/10 to 5/15/11	RESEARCH		
	WEN, ZHIYOU		FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
\$40,000	PIONEER HI-BRED INTERNATIONAL, INC			400-48-74
113949	INVESTIGATION OF NOVEL WHOLE GENOME ANALYSIS TECHNIQUES FOR MARKER BASED GENETIC EVALUATION OF COMPLEX PEDIGREES			
	1/1/11 to 12/31/11	RESEARCH		
	FERNANDO, ROHAN		ANIMAL SCIENCE-AES/CALS	
\$39,655	LEOPOLD BROWN TRUST			400-58-27
105628	BROWN TRUST			
	8/13/09 to 12/31/99	SCHOLARSHIP		
	QUISENBERRY, SHARRON		VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$38,867	ARIZONA STATE UNIVERSITY			404-20-76
107359	NETL-PSERC ADMINISTRATIVE FUNDS			
	1/1/10 to 12/31/10	RESEARCH		
	MCCALLEY, JAMES		ELECTRICAL & COMPUTER ENGINEERING-ENGR	

January 01 - 31, 2011

321

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$38,601	CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH, INC	404-40-38
104078	DISCOVERY OF NOVEL GENES IN CREEPING BENTGRASS BY HIGH THROUGHPUT GENE SILENCING WITH SPECIALIZED INVERTED REPEAT CDNA LIBRARIES 1/1/10 to 12/31/10 RESEARCH	
CO-PI	FEI, SHUIZHANG HORTICULTURE-AES/CALS YIN, YANHAI GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$37,092	UNIVERSITY OF NORTHERN IOWA	475-20-34
113945	IOWA NASA EPSCOR FELLOWSHIP AND TRAVEL AWARD 12/1/10 to 8/31/11 FELLOWSHIP WIE, BONG AEROSPACE ENGINEERING-ENGR	
\$36,667	GEORGIA INSTITUTE OF TECHNOLOGY	400-60-18
96427	EXPERIMENTAL AND MODEL DEVELOPMENTS OF INTERFACIAL MECHANICAL INTEGRITY OF LAYERED STACKS 2/1/09 to 1/31/11 RESEARCH BASTAWROS, ASHRAF AEROSPACE ENGINEERING-ENGR CO-PI HONG, WEI AEROSPACE ENGINEERING-ENGR	
\$35,595	IOWA DEPARTMENT OF TRANSPORTATION	474-17-50
113613	SMART WORK ZONE DEPLOYMENT INITIATIVE (SWZDI) FOR 2011 1/1/11 to 12/31/11 RESEARCH MCDONALD, THOMAS INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI MORRIS, TIMOTHY INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$30,000	MOLECULAR EXPRESS, INC	404-25-68
114000	APTAMERS FOR IMAGING AND THERAPY 12/24/06 to 6/30/11 RESEARCH KRAUS, GEORGE CHEMISTRY-LAS CO-PI MUMM, LYNNE INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$26,987	DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY	424-17-02
113340	CLIMATE CHANGE IMPACT EVALUATION: CORALVILLE RESERVOIR EVALUATION 12/16/10 to 10/15/11 RESEARCH CRUSE, RICHARD AGRONOMY-AES/CALS	

January 01 - 31, 2011

322

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$26,987	DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY			424-17-02
113340	CLIMATE CHANGE IMPACT EVALUATION: CORALVILLE RESERVOIR EVALUATION			
	12/16/10 to 10/15/11	RESEARCH		
	CO-PI ANDERSON, CHRISTOPHER		AGRONOMY-AES/CALS	
\$25,000	COTTON INCORPORATED			400-21-35
104852	COMPARATIVE EVOLUTIONARY PROTEOMICS OF COTTON			
	1/1/11 to 12/31/11	RESEARCH		
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$25,000	MEDICAL COLLEGE OF WISCONSIN			400-17-21
111895	TESTING OF NOVEL ANTI-INFLAMMATORY COMPOUNDS FOR PARKINSON'S DISEASE			
	7/1/10 to 6/30/12	RESEARCH		
	KANTHASAMY, ANUMANTHA		BIOMEDICAL SCIENCES-VET	
\$24,698	MISSOURI STATE UNIVERSITY			404-21-41
105775	RUI: ASTEROSEISMOLOGY OF PULSATING SUBDWARF B STARS VIA OBSERVATIONAL MODE IDENTIFICATION AND MODELING			
	9/1/10 to 8/31/11	RESEARCH		
	KAWALER, STEVEN		PHYSICS & ASTRONOMY-LAS	
\$24,100	MISSISSIPPI BEND AREA EDUCATION AGENCY			400-28-21
113711	TECHNOLOGY LEADERSHIP TRAINING-BETTENDORF, IA			
	11/1/10 to 4/30/11	INSTRUCTION/TRAINING		
	MCLEOD, SCOTT		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$21,744	DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER			428-23-13
84162	GROWTH FACTOR TREATMENT OF VISUAL LOSS IN COMPRESSIVE OPTIC NERVE INJURY			
	3/17/10 to 6/30/10	RESEARCH		
	CO-PI GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES	
	SAKAGUCHI, DONALD		GENETICS, DEVELOPMENT & CELL BIOLOGY	

January 01 - 31, 2011

323

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$21,000	ALPHASENSE, INC				404-65-02
108542	NONDESTRUCTIVE MATERIAL CASE DEPTH VERIFICATION				
	11/1/10 to 3/17/11	RESEARCH			
	BOWLER, JOHN		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$20,000	ROCKWELL COLLINS				400-20-55
111786	BATTERY LIFE ENHANCEMENT IN PORTABLE AND REMOTELY-DEPLOYED SYSTEMS USING SPREAD-SPECTRUM SWITCHING POWER REGULATORS				
	7/1/10 to 6/30/12	MISCELLANEOUS			
	FAYED, AYMAN		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$20,000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATORY				404-25-32
113743	SYNTHESIS OF STANNYLATED ROSAMINES				
	1/1/11 to 1/31/12	RESEARCH			
	KRAUS, GEORGE		CHEMISTRY-LAS		
\$20,000	DEPARTMENT OF AGRICULTURE, ARS				419-40-19
114084	ABATEMENT MEASURES FOR REDUCING ODOR, VOC AND GREENHOUSE GAS EMISSIONS FROM ANIMAL FEEDING OPERATIONS				
	1/1/11 to 12/31/12	RESEARCH			
	KOZIEL, JACEK		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
CO-PI	CAI, LINGSHUANG		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$16,798	UNILEVER RESEARCH AND DEVELOPMENT				400-28-39
94359	UNILEVER RESEARCH AND DEVELOPMENT				
	10/1/08 to 2/28/11	RESEARCH			
	WHITE, WENDY		FOOD SCIENCE & HUMAN NUTRITION-HS		
\$15,000	UNIVERSITY OF NEBRASKA, LINCOLN				410-30-79
113456	CERTIFIED COP LEADERSHIP FUNDS PROJECT				
	1/1/11 to 12/31/11	EXTENSION/PUBLIC			
	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT		
CO-PI	SCHULTZ, MADELINE		VALUE ADDED AGRICULTURE-EXT		

January 01 - 31, 2011

324

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$15,000	NATIONAL 4-H COUNCIL			400-33-15
113669	DEVELOPMENT OF INQUIRY LEARNING OBJECTS IN SUPPORT OF 4-H SCIENCE			
	11/15/10 to 2/28/11	EXTENSION/PUBLIC		
	STAKER, JAY		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-32
113782	EPA INITIATED GROUNDWATER PROTECTION PROGRAM 2011			
	10/1/10 to 6/30/11	EXTENSION/PUBLIC		
	SCHAEFER, KRISTINE		ENTOMOLOGY-EXT	
CO-PI	BUFFINGTON, ELIZABETH		ENTOMOLOGY-EXT	
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-31
113888	OUTREACH PROJECTS FOR WORKER PROTECTION STANDARD IN FY 2011			
	10/1/10 to 6/30/11	EXTENSION/PUBLIC		
	SCHAEFER, KRISTINE		ENTOMOLOGY-EXT	
CO-PI	BUFFINGTON, ELIZABETH		ENTOMOLOGY-EXT	
\$15,000	CHEMTURA CORPORATION			400-41-32
113968	EFFECTS OF FUNGICIDE SEED TREATMENT ON SEEDLING, STEM AND ROOT DISEASES OF SOYBEAN			
	5/1/10 to 5/31/11	RESEARCH		
	YANG, XIAO		PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL		PLANT PATHOLOGY-AES/CALS	
\$14,997	CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER			404-17-56
113530	IMPROVING MENTAL HEALTH OUTCOMES OF CHILD BRAIN INJURY			
	6/1/10 to 5/31/11	RESEARCH		
	MELBY, JANET		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$12,358	UNILEVER RESEARCH AND DEVELOPMENT			400-28-28
111264	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY METHOD FOR QUANTIFYING LIPOPHILIC BIOACTIVES			
	5/1/10 to 4/30/11	RESEARCH		
	WHITE, WENDY		FOOD SCIENCE & HUMAN NUTRITION-HS	

January 01 - 31, 2011

325

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$12,358	UNILEVER RESEARCH AND DEVELOPMENT	400-28-27
112123	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY METHOD FOR QUANTIFYING LIPOPHILIC BIOACTIVES II	
	1/1/11 to 7/31/11 RESEARCH	
	WHITE, WENDY FOOD SCIENCE & HUMAN NUTRITION-HS	
\$11,000	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT	478-30-79
113915	CONTRACT BETWEEN IDED AND ISU FOR LAKE DELHI ALTERNATIVE FUTURES	
	10/1/10 to 12/31/10 EXTENSION/PUBLIC	
	BADENHOPE, JULIA LANDSCAPE ARCHITECTURE-DSN	
CO-PI	KELLER, J. LANDSCAPE ARCHITECTURE-DSN	
\$10,000	UT-BATTELLE, LLC, OAK RIDGE NATIONAL LABORATORY	401-25-08
106184	FORMATION MECHANISMS AND OPTICAL PROPERTIES OF LOW-DIMENSIONAL MATERIALS	
	4/20/09 to 1/31/11 RESEARCH	
	HO, KAI-MING PHYSICS & ASTRONOMY-LAS	
CO-PI	WANG, CAI-ZHUANG AMES LABORATORY DOE-VPR/ED	
\$9,504	DEPARTMENT OF EDUCATION	432-57-87
112135	NATIONAL SCIENCE AND MATHEMATICS ACCESS TO RETAIN TALENT (SMART) GRANT, FY11	
	7/1/10 to 6/30/11 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$8,003	BAYER CROPS SCIENCE	400-33-11
113951	EFFICACY OF EARLY APPLICATIONS OF FUNGICIDES ON CORN	
	4/1/10 to 12/31/10 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$6,435	COLORADO STATE UNIVERSITY	410-30-73
113108	LEGUMETUBE SUBCONTRACT 2010	
	11/1/10 to 2/29/12 EXTENSION/PUBLIC	
	MUELLER, DAREN PLANT PATHOLOGY-AES/CALS	

January 01 - 31, 2011

326

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$6,325	UNITED ACTION FOR YOUTH	400-30-46
114003	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,178	UNILEVER RESEARCH AND DEVELOPMENT	400-28-50
108519	BIOAVAILABILITY OF LIPOPHILIC BIOACTIVES, PART 2	
	1/1/10 to 7/31/11 RESEARCH	
	WHITE, WENDY FOOD SCIENCE & HUMAN NUTRITION-HS	
\$6,000	NATIONAL SCIENCE FOUNDATION	420-60-62
108104	MOLECULAR DESIGN OF NANO-CARRIER MATERIALS FOR REACTIONS CATALYZED BY MULTI-ENZYME COMPLEXES	
	1/7/11 to 9/30/11 RESEARCH	
	MALLAPRAGADA, S. CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$6,000	DEPARTMENT OF EDUCATION	432-57-88
112137	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY11	
	7/1/10 to 6/30/11 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	
\$5,063	LUTHERAN SERVICES IN IOWA, INC	400-30-46
113084	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$5,000	CORPORATION FOR ECONOMIC DEVELOPMENT IN DES MOINES	400-08-09
113082	CORPORATION FOR ECONOMIC DEVELOPMENT IN DES MOINES	
	9/9/12 to 12/31/99 EXTENSION/PUBLIC	
	NYSTROM, ELLEN SMALL BUSINESS DEVELOPMENT CENTER-BUS	

January 01 - 31, 2011

327

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,500	WOODBURY COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
112164	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,672	IOWA STATE UNIVERSITY RESEARCH FOUNDATION	405-21-07
113959	MARKETABILITY PROOF-OF-CONCEPT FOR IDENTIFICATION OF THE NOVEL PROTEIN QQS AS A COMPONENT OF THE STARCH METABOLIC NETWORK	
	1/1/11 to 10/31/11 RESEARCH	
	LI, LING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$3,006	LOS ALAMOS NATIONAL SECURITY, LLC, LOS ALAMOS NATIONAL LABORATORY	404-40-96
107671	GENETICALLY TRANSFORM PLANT SPECIES	
	4/13/10 to 1/31/12 RESEARCH	
	WANG, KAN AGRONOMY-AES/CALS	
\$2,775	EVERYBODY WINS1-IOWA	400-30-46
114004	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,775	JOHNSON COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
114066	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,500	IOWA TURKEY FEDERATION	459-40-36
107775	EVALUATION OF ENERGY VALUES OF VARIOUS OIL SOURCES WHEN FED TO POULTRY	
	5/3/10 to 4/29/11 RESEARCH	
	PERSIA, MICHAEL ANIMAL SCIENCE-AES/CALS	

January 01 - 31, 2011

328

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,240	UNIVERSITY OF CALIFORNIA, LOS ANGELES	400-28-23
107741	CHARACTERISTICS OF MARRIED SAME-SEX COUPLES OF IOWA	
	7/1/10 to 6/30/11 RESEARCH	
	MURPHY, MEGAN HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$2,000	UNITED ACTION FOR YOUTH	400-30-46
114003	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	DEPARTMENT OF AGRICULTURE, NIFA	416-40-61
111111	EFFECT OF COVER CROPS, SOIL AMENDMENTS AND REDUCED TILLAGE ON CARBON SEQUESTRATION AND SOIL HEALTH IN A LONG-TERM ORGANIC VEGETABLE SYSTEM	
	9/1/10 to 8/31/13 RESEARCH	
	DELANE, KATHLEEN HORTICULTURE-AES/CALS	
CO-PI	CHASE, CRAIG EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$1,500	IOWA SHEEP AND WOOL PROMOTION BOARD	459-23-04
113597	TRAINING THE NEXT GENERATION OF SMALL RUMINANT VETERINARIANS	
	12/1/10 to 11/30/11 INSTRUCTION/TRAINING	
	PLUMMER, PAUL VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$1,388	CLAY COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
113377	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$750	DEPARTMENT OF EDUCATION	432-57-66
105114	ACADEMIC COMPETITIVENESS GRANT (ACG), FY10	
	7/1/09 to 6/30/10 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	

January 01 - 31, 2011

329

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$250 TOURISM LUCAS COUNTY BOARD

400-28-33

106049 LUCAS COUNTY TOURISM MARKETING PLAN

2/9/10 to 5/31/12 EXTENSION/PUBLIC

TANG, LIANG

APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS

CO-PI ZHENG, TIANSHU

APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS