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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$400,000 NATIONAL SCIENCE FOUNDATION

420-21-83

90246 ENABLING PETASCALE APPLICATIONS IN THE CHEMICAL SCIENCES

10/1/07 to 9/30/11 RESEARCH

GORDON, MARK CHEMISTRY
CO-PI LAMM, MONICA CHEMICAL & BIOLOGICAL ENGINEERING
CO-PI SOSONKINA, MASHA COMPUTER SCIENCE
CO-PI WINDUS, THERESA CHEMISTRY

\$385,309 BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH

404-40-97

97746 TRPGR: DS REGIONAL MUTAGENESIS, A PLATFORM FOR DEFINING GENE FUNCTION IN MAIZE

5/15/10 to 4/30/12 RESEARCH

VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY-CALS

\$332,377 UNIVERSITY OF FLORIDA

410-21-11

111026 ADAPTING KERNAL METABOLISM TO ENHANCE CEREAL YIELD UNDER ADVERSE CONDITIONS

2/1/11 to 4/14/13 RESEARCH

MYERS, ALAN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
CO-PI BIERWAGEN, TRACIE BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

\$331,231 NATIONAL INSTITUTES OF HEALTH

430-23-18

113402 CHOLINERGIC RECEPTORS AS TARGETS FOR ACCELERATED ANTHELMINTIC DRUG DISCOVERY

5/15/11 to 4/30/12 RESEARCH

KIMBER, MICHAEL BIOMEDICAL SCIENCES-VET

\$292,674 NATIONAL INSTITUTES OF HEALTH

430-21-45

94529 STRUCTURAL STUDIES OF A T CELL SPECIFIC TYROSINE KINASE

5/1/11 to 4/30/12 RESEARCH

ANDREOTTI, AMY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

\$289,767 NATIONAL INSTITUTES OF HEALTH

430-21-08

90055 REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCG1

5/1/08 to 4/30/12 RESEARCH

ANDREOTTI, AMY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

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\$285,000 IOWA DEPARTMENT OF TRANSPORTATION

474-17-63

114831 STUDY OF THE IMPACTS OF IMPLEMENTS OF HUSBANDRY ON BRIDGES

5/15/11 to 5/31/16 RESEARCH

WIPF, TERRY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$253,423 MEDICAL COLLEGE OF WISCONSIN

404-17-16

114135 NEUROPROTECTION BY MITOCHONDRIA-TARGETED ANTIOXIDANTS

2/1/11 to 1/31/12 RESEARCH

KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET

\$247,939 NATIONAL INSTITUTES OF HEALTH

430-21-14

91317 SOLID-STATE NMR OF ANTIMICROBIAL AND CATIONIC MEMBRANE PEPTIDES

5/1/11 to 4/30/12 RESEARCH

HONG, MEI CHEMISTRY

\$187,000 NATIONAL SCIENCE FOUNDATION

420-40-24

106220 THE PHENOLOGY OF AQUATIC COMMUNITY ASSEMBLY, HARMFUL BLOOMS, AND LAKE CARBON CYCLING

9/1/10 to 8/31/12 RESEARCH

DOWNING, JOHN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS

\$183,103 IOWA DEPARTMENT OF NATURAL RESOURCES

473-30-54

115045 MANURE APPLICATOR CERTIFICATION TRAINING FY 2012

7/1/11 to 6/30/12 EXTENSION/PUBLIC

LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
CO-PI RIECK-HINZ, ANGELA AGRONOMY-EXT

\$168,000 NATIONAL ACADEMIES

428-17-18

114585 SHRP S04A-ROADWAY INFORMATION DATABASE DEVELOPMENT AND TECHNICAL COORDINATION/QUALITY ASSURANCE FOR THE MOBILE DATA COLLECTION PROJECT

3/15/11 to 7/31/12 RESEARCH

SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$160,999	NATIONAL SCIENCE FOUNDATION			420-61-60
94542	A NEW PATHWAY FOR GSH METABOLISM IN PLANTS			
	5/15/09 to 4/30/12	RESEARCH		
	OLIVER, DAVID		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$160,990	IOWA DEPARTMENT OF TRANSPORTATION			474-17-49
114193	PLANNING, IMPLEMENTATION, AND OPERATION OF THE IOWA PAVEMENT MANAGEMENT PROGRAM			
	11/1/07 to 12/31/11	RESEARCH		
	SMADI, OMAR		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$149,999	BOEING COMPANY			400-25-91
114770	VISUALIZATION OF MULTIDISCIPLINARY DESIGN DATA PHASE II			
	5/3/10 to 12/23/11	RESEARCH		
	WINER, ELIOT		MECHANICAL ENGINEERING-ENGR	
CO-PI	OLIVER, JAMES		MECHANICAL ENGINEERING-ENGR	
\$148,816	UNITED SOYBEAN BOARD			459-40-39
114697	THE USE OF VIGS TECHNOLOGY TO DECREASE YIELD-REDUCING STRESS IN SOYBEANS			
	6/1/11 to 5/31/12	RESEARCH		
	HILL, JOHN		PLANT PATHOLOGY-AES/CALS	
CO-PI	WHITHAM, STEVEN		PLANT PATHOLOGY-AES/CALS	
CO-PI	BAUM, THOMAS		PLANT PATHOLOGY-AES/CALS	
CO-PI	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS	
\$137,177	OHIO STATE UNIVERSITY			410-40-74
107231	GENE FLOW AND FITNESS STUDIES OF SWITCHGRASS: IMPLICATIONS FOR NEW BIOFUEL CROPS			
	9/1/10 to 8/31/13	RESEARCH		
	HEATON, EMILY		AGRONOMY-AES/CALS	
\$123,615	NATIONAL SCIENCE FOUNDATION			420-60-40
105488	REU SITE—RESEARCH AND EDUCATION IN MICROSCALE SENSING, ACTUATION AND IMAGING			
	5/15/10 to 4/30/12	INSTRUCTION/TRAINING		
	SUNDARARAJAN, SRIRAM		MECHANICAL ENGINEERING-ENGR	

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\$123,615	NATIONAL SCIENCE FOUNDATION			420-60-40
105488	REU SITE—RESEARCH AND EDUCATION IN MICROSCALE SENSING, ACTUATION AND IMAGING			
	5/15/10 to 4/30/12	INSTRUCTION/TRAINING		
CO-PI	SHROTRIYA, PRANAV		MECHANICAL ENGINEERING-ENGR	
\$114,602	NATIONAL SCIENCE FOUNDATION			420-71-04
97311	RI: SMALL: ROBOT GRASPING OF DEFORMABLE OBJECTS			
	7/15/09 to 6/30/12	RESEARCH		
	JIA, YAN-BIN		COMPUTER SCIENCE-LAS	
\$109,328	IOWA DEPARTMENT OF NATURAL RESOURCES			473-26-05
114975	ESTABLISHING WEB-BASED RESOURCES WITHIN THE IOWA GEOSPATIAL INFRASTRUCTURE			
	4/20/10 to 12/31/11	RESEARCH		
	KANE, KEVIN		INFORMATION TECHNOLOGY SERVICES-PROV	
\$100,000	NATIONAL SCIENCE FOUNDATION			420-40-21
90103	ECOHYDROLOGICAL CONTROLS ON WATERSHED RESPONSE TO LAND USE CHANGE IN THE MONTANE CLOUD FOREST ZONE IN CENTRAL VERACRUZ, MEXICO			
	1/16/08 to 3/31/13	RESEARCH		
	ASBJORNSEN, HEIDI		NATURAL RESOURCE ECOLOGY & MANAGEMENT	
\$95,000	NATIONAL SCIENCE FOUNDATION			420-61-81
95801	CAREER: RATIONALLY DESIGNED CONJUGATED POLYMERS BASED ON BENZOBISOXAZOLES			
	6/1/09 to 5/31/12	RESEARCH		
	JEFFRIES-EL, MALIKA		CHEMISTRY-LAS	
\$93,706	WASHINGTON UNIVERSITY			404-23-17
115399	MRCE FOR BIODEFENSE AND EMERGING INFECTIONS DISEASES--CAREER DEVELOPMENT PROJECT			
	3/1/11 to 2/29/12	RESEARCH		
	ZHANG, QIJING		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$89,295	DEPARTMENT OF AGRICULTURE, ARS	416-30-21
106908	STRENGTHENING PUBLIC CORN BREEDING TO ENSURE THAT ORGANIC FARMERS HAVE ACCESS TO ELITE CULTIVARS: QUALITY ANALYSIS 5/19/11 to 8/31/14 EXTENSION/PUBLIC HURBURGH, CHARLES AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$85,884	NATIONAL SCIENCE FOUNDATION	420-21-19
106087	SHF: SMALL: COLLABORATIVE RESEARCH: BALANCING EXPRESSIVENESS AND MODULAR REASONING FOR ASPECT-ORIENTED PROGRAMMING 8/15/10 to 7/31/12 RESEARCH RAJAN, HRIDESH COMPUTER SCIENCE-LAS	
\$85,000	NATIONAL SCIENCE FOUNDATION	420-71-02
95804	CAREER: ON MUTUALISM OF MODULARITY AND CONCURRENCY GOALS 7/1/09 to 6/30/12 RESEARCH RAJAN, HRIDESH COMPUTER SCIENCE-LAS	
\$82,186	HENRY COUNTY AGRICULTURAL EXTENSION DISTRICT	400-33-29
114815	PROGRAM ENHANCEMENTS FOR EXTENSION REGION 20 7/1/11 to 6/30/12 EXTENSION/PUBLIC WARNING, JEANNE EXTENSION TO FAMILIES-EXT CO-PI MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$73,506	UNIVERSITY OF WISCONSIN	404-40-94
114763	BIOFUELS AND THE HYDROLOGIC CYCLE 1/1/11 to 7/31/11 RESEARCH GELDER, BRIAN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS CO-PI GASSMAN, PHILIP CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES/CALS CO-PI ANDERSON, CHRISTOPHER AGRONOMY-AES/CALS	
\$69,639	DEPARTMENT OF DEFENSE, ONR	421-25-45
113453	EXPLORATORY RESEARCH INTO THE DESIGN AND DEVELOPMENT OF ZR(W,MO)O8 BASED NANOCOMPOSITE AS IR WINDOW MATERIAL 4/5/11 to 9/30/11 RESEARCH AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR	

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\$66,337 SMALL BUSINESS ADMINISTRATION

435-08-21

108547 IOWA SMALL BUSINESS DEVELOPMENT CENTER FY 2011 SBA COOPERATIVE AGREEMENT

10/1/10 to 9/30/11 EXTENSION/PUBLIC

HECKMANN, JAMES BUSINESS ADMINISTRATION-BUS

\$64,200 DEPARTMENT OF AGRICULTURE, ARS

419-17-02

115114 RESEARCH SUPPORT AGREEMENT

4/19/11 to 9/30/11 RESEARCH

REECY, JAMES ANIMAL SCIENCE-AES/CALS

\$56,417 PURDUE UNIVERSITY

404-20-23

91353 SPRAY AND COMBUSTION OF GELLED HYPERGOLIC PROPELLANTS

6/1/08 to 5/31/11 RESEARCH

MEYER, TERRENCE MECHANICAL ENGINEERING

\$55,393 ARCHER DANIELS MIDLAND COMPANY

400-17-83

114221 INVESTIGATION OF ISOSORBIDE DISTILLATION BOTTOMS AS A BIO-BASED WARM-MIX ADDITIVE

2/1/11 to 7/31/11 RESEARCH

WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

\$55,000 NATIONAL SCIENCE FOUNDATION

420-17-81

105194 COLLABORATIVE RESEARCH: SECURITY AND SOFTWARE ENGINEERING RESEARCH CENTER

2/1/10 to 1/31/12 RESEARCH

JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$53,658 DEPARTMENT OF DEFENSE, ONR

421-25-01

111248 PHOTONIC NANOMETAMATERIALS (PHOTONANO)

7/15/10 to 9/30/13 RESEARCH

SOUKOULIS, COSTAS PHYSICS & ASTRONOMY-LAS

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\$52,431	DEPARTMENT OF DEFENSE, ACE			421-20-44
114693	WATER QUALITY MONITORING AT SAYLORVILLE LAKE (OPTION YEAR 2)			
	4/1/11 to 5/31/11	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$49,004	ARIZONA STATE UNIVERSITY			404-21-89
105901	INTEGRATING MACHINE LEARNING AND KNOWLEDGE REPRESENTATION FOR DISCOVERY OF SOCIAL GOAL OF GROUPS AND GROUP MEMBERS FROM THEIR LANGUAGE USAGE			
	8/24/09 to 10/23/11	RESEARCH		
	AIST, GREGORY		ENGLISH-LAS	
\$48,910	NATIONAL SCIENCE FOUNDATION			420-60-32
104785	NETS: MEDIUM: COLLABORATIVE RESEARCH: MODELING, DESIGN AND EMULATION OF P2P REAL-TIME STREAMING NETWORKS			
	6/1/10 to 5/31/12	RESEARCH		
	YING, LEI		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$42,850	DEPARTMENT OF AGRICULTURE, NIFA			417-30-13
97139	CHILDREN, YOUTH AND FAMILIES AT RISK LIAISON			
	5/15/09 to 5/14/12	EXTENSION/PUBLIC		
	WOODS, BARBARA		EXTENSION TO FAMILIES-EXT	
\$41,456	GILEAD SCIENCES, INC			400-63-10
115096	OPTIMIZATION OF THE OVINE MODEL OF RSV DISEASE: EFFECTS OF COLOSTRUM-DEPRIVATION AND INTRATRACHEAL INOCULATION IN RSV MEMPHIS 37 STRAIN DISEASE SEVERITY			
	5/15/11 to 7/30/11	RESEARCH		
	ACKERMANN, MARK		VETERINARY PATHOLOGY-VET	
\$39,989	IOWA DEPARTMENT OF TRANSPORTATION			474-17-48
114207	IMPLEMENTATION AND OPERATION OF THE IOWA DOT PAVEMENT MANAGEMENT OPTIMIZATION MODEL			
	11/7/07 to 12/31/11	RESEARCH		
	SMADI, OMAR		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$39,584	PURDUE UNIVERSITY				404-20-23
91353	SPRAY AND COMBUSTION OF GELLED HYPERGOLIC PROPELLANTS				
	6/1/08 to 10/31/11	RESEARCH			
	MEYER, TERRENCE		MECHANICAL ENGINEERING		
\$32,496	DUBUQUE COUNTY AGRICULTURAL EXTENSION DISTRICT				400-33-70
115061	PROGRAM ENHANCEMENTS FOR DUBUQUE COUNTY AND EXTENSION REGION 11				
	7/1/11 to 6/30/13	EXTENSION/PUBLIC			
	FRANZ, NANCY		EXTENSION TO FAMILIES-EXT		
CO-PI	WARNING, JEANNE		EXTENSION TO FAMILIES-EXT		
\$30,000	EASTERN IOWA COMMUNITY COLLEGE				410-40-75
104392	INCREASING THE NUMBER OF AGRICULTURE-BASED RENEWABLE ENERGY TECHNICIANS PROGRAM THROUGH THE DEVELOPMENT OF AN AGRICULTURE-BASED RENEWABLE ENERGY CENTER PROGRAM WITHIN EASTERN IOWA				
	1/1/11 to 9/30/11	EXTENSION/PUBLIC			
	COLLETTI, JOE		AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS		
\$30,000	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY				400-33-24
114639	A NEW STRATEGY TO SEARCH FOR PHYTOPHTHORA RESISTANCE GENES				
	7/1/11 to 6/30/12	RESEARCH			
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS		
\$30,000	DEPARTMENT OF AGRICULTURE, APHIS				412-40-28
114653	AGDISCOVERY SUMMER ENRICHMENT PROGRAM 2011				
	4/27/11 to 12/31/11	EXTENSION/PUBLIC			
	FAIRBANKS, WENDELYN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS		
CO-PI	CHRISTOFFEL, REBECCA		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
\$30,000	INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE				400-28-42
114748	ALGORITHM FOR PREDICTING IRON ABSORPTION FROM COMPLETE DIETS				
	4/15/11 to 4/15/12	RESEARCH			
	REDDY, MANJU		FOOD SCIENCE & HUMAN NUTRITION-HS		

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\$29,987	UNIVERSITY OF IOWA			475-40-55
114111	DEVELOPING PREDICTIONS FOR URBAN HEADWATER STREAM DYNAMICS UNDER CLIMATE CHANGE SCENARIOS FOR CENTRAL IOWA			
	4/1/11 to 6/30/12	RESEARCH		
	THOMPSON, JANETTE		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	STEWART, TIMOTHY		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	FRANZ, KRISTIE		GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$28,168	ADA TECHNOLOGIES			404-20-16
93565	SUBCONTRACT FROM ADA TECHNOLOGIES: NOVEL 3-DIMENSIONAL PLATFORM FOR HIGH-THROUGHPUT GLYCOMICS ANALYSIS			
	5/1/11 to 4/30/12	RESEARCH		
	HILLIER, ANDREW		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$23,780	IOWA DEPARTMENT OF PUBLIC HEALTH			478-21-05
114845	DATA MANAGER: MOU-2012-ISU-NU02			
	5/16/11 to 9/30/12	RESEARCH		
	SHELLEY, MACK		STATISTICS-LAS	
\$23,646	DEPARTMENT OF DEFENSE, ACE			421-20-43
114687	WATER QUALITY MONITORING AT LAKE RED ROCK (OPTION YEAR 2)			
	3/9/11 to 3/8/12	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$23,596	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	
\$21,000	UNIVERSITY OF MINNESOTA			400-42-75
111543	MODIFICATION OF A MILK PROTEIN CONCENTRATE (MPC) INGREDIENT AND EVALUATION FOR POTENTIAL APPLICATIONS			
	11/1/10 to 12/31/12	RESEARCH		
	LAMSAL, BUDDHI		FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	CLARK, STEPHANIE		FOOD SCIENCE & HUMAN NUTRITION-HS	

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\$20,980 UNIVERSITY OF COLORADO

404-17-39

113705 NCHRP 10-83 ALTERNATIVE QUALITY MANAGEMENT SYSTEMS FOR HIGHWAY CONSTRUCTION

8/19/10 to 11/18/12 RESEARCH

CO-PI GRANSBERG, DOUGLAS CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$18,539 NATIONAL INSTITUTES OF HEALTH

430-46-26

98874 STRATEGIES OF LENTIVIRUS PERSISTENCE

2/1/11 to 1/31/12 RESEARCH

CO-PI CARPENTER, SUSAN ANIMAL SCIENCE-AES/CALS
CO-PI DORMAN, KARIN STATISTICS-LAS

\$18,400 MONSANTO COMPANY

400-42-99

114897 EVALUATION OF MONSANTO SEED TREATMENTS AGAINST SOYBEAN SDS

4/1/11 to 12/31/11 RESEARCH

LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS

\$16,029 MIDWEST RESEARCH INSTITUTE

400-17-73

114574 US ROAD ASSESSMENT PROGRAM MODIFICATION 17

5/21/04 to 12/31/11 RESEARCH

CO-PI SOULEYRETTE, REGINALD CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI HANS, ZACHARY INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$15,903 NATIONAL SCIENCE FOUNDATION

420-40-73

114864 LTREB: LONG-TERM RESEARCH ON ENVIRONMENTAL GENDER DETERMINATION IN A MODEL SYSTEM (CHRYSEMYS): THE NEXT FIVE YEARS

3/15/07 to 2/29/12 RESEARCH

JANZEN, FREDRIC ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS

\$14,350 BASF CORPORATION

400-41-32

114936 SEED TREATMENT STUDY ON SDS AND WHITE MOLD

1/1/11 to 12/31/11 RESEARCH

YANG, XIAO PLANT PATHOLOGY-AES/CALS

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\$14,350 BASF CORPORATION

400-41-32

114936 SEED TREATMENT STUDY ON SDS AND WHITE MOLD

1/1/11 to 12/31/11 RESEARCH
CO-PI NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS

\$14,340 UNIVERSITY OF WISCONSIN

410-39-08

115042 NORTH CENTRAL METROPOLITAN FOOD SYSTEMS SYMPOSIUM

4/1/11 to 12/31/11 EXTENSION/PUBLIC
TAYLOR, GARY COMMUNITY & REGIONAL PLANNING-DSN
CO-PI VANDEHAAR, ALAN EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT

\$14,111 METABOLIC TECHNOLOGIES, INC

400-25-51

114791 SYNTHESIS OF HMB DIMER, TRIMER OR OLIGOMER

5/1/11 to 8/31/11 RESEARCH
KRAUS, GEORGE CHEMISTRY-LAS

\$12,960 AMERICAN KENNEL CLUB CANINE HEALTH FOUNDATION

400-43-82

114823 A VALIDATION STUDY OF WHOLE GENOME ASSOCIATION ANALYSES FOR CANINE CRYPTORCHIDISM IN SIBERIAN HUSKIES

6/1/11 to 5/31/12 RESEARCH
ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS

\$12,510 ENVIRONMENTAL PROTECTION AGENCY

429-46-08

111782 EPA STAR FELLOWSHIP FOR MEGHANN JARCHOW

8/13/10 to 8/12/13 FELLOWSHIP
LIEBMAN, MATTHEW AGRONOMY-AES/CALS
CO-PI JARCHOW, MEGHANN AGRONOMY-AES/CALS

\$12,500 DOW AGROSCIENCES, LLC

400-40-19

114861 EVALUATION OF WEED MANAGEMENT SYSTEMS

4/3/09 to 3/6/12 RESEARCH
OWEN, MICHEAL AGRONOMY-AES/CALS

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\$12,000	NATIONAL SCIENCE FOUNDATION		420-25-62
114974	GOALI: A HYBRID METHOD TO SUPPORT NATURAL INTERACTION OF PARTS IN A VIRTUAL ENVIRONMENT		
	4/2/10 to 7/31/12	RESEARCH	
	VANCE, JUDY	MECHANICAL ENGINEERING-ENGR	
CO-PI	GILBERT, STEPHEN	INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
\$11,000	DOW AGROSCIENCES, LLC		400-48-77
114750	CORN PESTS RESEARCH PROJECT		
	3/15/11 to 12/31/11	RESEARCH	
	GASSMANN, AARON	ENTOMOLOGY-AES/CALS	
CO-PI	WEBER, PATRICK	ENTOMOLOGY-AES/CALS	
\$10,262	VETERINARY RESOURCES, INC		400-63-08
111531	PRE-LICENSING LABORATORY SETTING STUDY: EVALUATION OF REPEATABILITY, RUGGEDNESS AND SUITABILITY OF A PROPOSED NEW MYCOPLASMA HYOPNEUMONIAE DIAGNOSTIC TEST: "M. HYOPNEUMONIAE DNA FIRST TEST" KIT		
	1/21/11 to 9/1/11	RESEARCH	
	STRAIT, ERIN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$9,820	MEAD JOHNSON & COMPANY		400-28-45
114869	ORIGINS OF OBESITY: MATERNAL, EPIGENETICS, AND LIFESTYLE FACTORS		
	5/8/11 to 5/12/11	RESEARCH	
	LASRADO, JOANNE	NUTRITION AND WELLNESS RESEARCH CENTER-HS	
\$9,000	INDEPENDENT SCHOOL DISTRICT 196		404-28-32
114689	EVALUATION OF MINNESOTA FLAP GRANT		
	7/1/10 to 6/30/11	RESEARCH	
	ANDERSON, MARY	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$8,366	THE LEAKEY FOUNDATION		400-21-40
115125	DOES FEAR AFFECT THE FORAGING DECISIONS OF FONGOLI CHIMPANZEES?		
	8/1/11 to 5/31/13	RESEARCH	
	PRUETZ, JILL	ANTHROPOLOGY-LAS	
CO-PI	LINDSHIELD, STACY	ANTHROPOLOGY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$8,000	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	
\$7,631	CENTERVILLE COMMUNITY SCHOOLS	400-30-46
113863	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	
\$6,875	NATIONAL SCIENCE FOUNDATION	420-71-11
114555	INVESTIGATING GIBBERELLIN PHYTOHORMONE METABOLISM	
	8/1/09 to 7/31/13 RESEARCH	
	PETERS, REUBEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$6,250	NATIONAL SCIENCE FOUNDATION	420-20-95
115022	CAREER: EVAPORATION-DRIVEN, SELF-ASSEMBLY OF HIERARCHICALLY ORDERED STRUCTURES FROM CONFINED SOLUTIONS	
	5/12/12 to 12/31/13 RESEARCH	
	LIN, ZHIQUN MATERIALS SCIENCE & ENGINEERING-ENGR	
\$6,000	BAYER CROPSCIENCE	400-33-30
114802	BYI02960 + PONCHO/VOTIVO IN SOYBEAN - USA	
	4/25/11 to 10/31/11 RESEARCH	
	LANG, BRIAN EXTENSION TO AG AND NATURAL RESOURCES	
\$6,000	NATIONAL SCIENCE FOUNDATION	420-60-33
115023	COLLABORATIVE RESEARCH: LARGE-SCALE NANOMANUFACTURING OF WELL-POSITIONED AND HIGHLY ALIGNED DNA WIRES FROM A CAPILLARY BRIDGE	
	5/27/11 to 6/30/13 RESEARCH	
	LIN, ZHIQUN MATERIALS SCIENCE & ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,381	CERES, INC				400-25-56
113946	SWITCHGRASS VARIETY EVALUATION TRIAL				
	5/1/10	to	5/1/11	RESEARCH	
	MOORE, KENNETH			AGRONOMY-AES/CALS	
\$5,062	LUTHERAN SERVICES IN IOWA				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	DOW AGROSCIENCES, LLC				400-33-71
115021	INSTINCT REGIONAL FIELD TRIAL				
	4/20/11	to	4/19/12	RESEARCH	
	SAWYER, JOHN			AGRONOMY-EXT	
\$3,511	NATIONAL INSTITUTES OF HEALTH				430-46-27
107665	STRATEGIES OF LENTIVIRUS PERSISTENCE				
	2/1/11	to	1/31/12	RESEARCH	
	CARPENTER, SUSAN			ANIMAL SCIENCE-AES/CALS	
	CO-PI DORMAN, KARIN			STATISTICS-LAS	
\$3,500	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	
\$2,588	BECKER UNDERWOOD				400-42-90
114907	EVALUATION OF BIOCONTROL AGENTS AGAINST SOYBEAN SDS				
	4/12/11	to	12/31/11	RESEARCH	
	LEANDRO, LEONOR			PLANT PATHOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,166	DAVENPORT COMMUNITY SCHOOL DISTRICT	400-30-46
113378	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	CHARLES REDD CENTER FOR WESTERN STUDIES	400-43-18
114605	OLAUS MURIE: A CONTEXT FOR WILDLIFE SCIENCE IN THE ROCKY MOUNTAINS	
	5/1/11 to 4/30/12 RESEARCH	
	PRITCHARD, JAMES NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$1,500	DUPONT PROFESSIONAL PRODUCTS	400-41-08
115070	WEED CONTROL WITH IMPRELIS	
	5/16/11 to 12/31/11 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
\$1,388	COMMUNITY FOUNDATION OF GREAT RIVER BEND	400-30-46
111925	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	
\$1,388	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	
\$1,388	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	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,125	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, LLC	404-20-04
114091	SENIOR DESIGN PROJECT	
1/1/11	to 12/31/11	RESEARCH
GOVINDARASU, MANIMARAN		ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$1,067	NATIONAL SCIENCE FOUNDATION	420-40-78
114889	MECHANISM AND GENETIC IMPACTS OF TRANSPOSON-INDUCED DUPLICATIONS IN MAIZE	
9/1/09	to 8/31/12	RESEARCH
PETERSON, THOMAS		GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS
CO-PI ZHANG, JIANBO		GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS
\$694	LOUISA COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
113032	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
\$500	NATIONWIDE CHILDRENS HOSPITAL	404-40-82
108569	TREATING THE CNS AND SOMATIC DISEASES OF MPS IIIB BY SYSTEMIC GENE DELIVERY	
2/1/11	to 4/30/11	RESEARCH
ELLINWOOD, NORMAN		ANIMAL SCIENCE-AES/CALS
\$375	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, LLC	404-20-48
111383	HIGH ENERGY FORGING INVESTIGATION-WORK HARDENING EFFECTS ON THE BASE METAL	
1/10/11	to 5/31/11	INSTRUCTION/TRAINING
CONSTANT, KRISTEN		MATERIALS SCIENCE & ENGINEERING-ENGR