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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$7,364,871	DEPARTMENT OF EDUCATION			432-57-52
96630	Pell Grant, FY09			
	7/1/08 to 6/30/09	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		
\$1,763,738	VARIOUS EXTERNAL/PRIVATE SPONSORS			206-57-01
99667	Scholarship Support for Spring 2009			
	1/11/09 to 5/7/09	SCHOLARSHIP		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		
\$1,663,004	VARIOUS EXTERNAL/PRIVATE SPONSORS			206-57-01
99661	Scholarship Support for Fall 2008			
	8/18/08 to 12/18/08	SCHOLARSHIP		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		
\$1,590,508	VARIOUS EXTERNAL/PRIVATE SPONSORS			207-57-01
99662	Scholarship Support for Fall 2008			
	8/24/08 to 12/18/08	SCHOLARSHIP		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		
\$1,589,830	VARIOUS EXTERNAL/PRIVATE SPONSORS			207-57-01
99668	Scholarship Support for Spring 2009			
	1/11/09 to 5/7/09	SCHOLARSHIP		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		
\$1,298,170	DEPARTMENT OF EDUCATION			432-57-00
54556	Federal College Work Study Program			
	6/1/08 to 5/31/09	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA		

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\$1,047,172	VARIOUS STATE SPONSORS			207-57-02
99657	Scholarship Support for Fall 2008			
	8/24/08 to 12/18/08	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$1,019,009	DEPARTMENT OF EDUCATION			432-57-35
54465	Supplemental Education Opportunity Grant Program			
	6/1/08 to 5/31/09	STUDENT FINANCIAL AID		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$874,785	VARIOUS STATE SPONSORS			207-57-02
99664	Scholarship Support for Spring 2009			
	1/1/09 to 5/7/09	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$700,000	IOWA DEPARTMENT OF TRANSPORTATION			474-17-91
98373	Improving the Foundation Layers for Concrete Pavements			
	3/16/09 to 3/15/14	RESEARCH		
	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$678,424	DEPARTMENT OF ENERGY			401-21-22
82117	Investigations in Experimental and Theoretical High Energy Physics			
	11/1/08 to 10/31/09	RESEARCH		
	KRENNRICH, FRANK		PHYSICS & ASTRONOMY	
CO-PI	VALENCIA, GERMAN		PHYSICS & ASTRONOMY	
CO-PI	WHISNANT, KERRY		PHYSICS & ASTRONOMY	
CO-PI	ATWOOD, DAVID		PHYSICS & ASTRONOMY	
CO-PI	ROSENBERG, ELI		PHYSICS & ASTRONOMY	
CO-PI	CARTER-LEWIS, DAVID		PHYSICS & ASTRONOMY	
CO-PI	POHL, MARTIN		PHYSICS & ASTRONOMY	
CO-PI	HAUPTMAN, JOHN		PHYSICS & ASTRONOMY	
CO-PI	COCHRAN, JAMES		PHYSICS & ASTRONOMY	
CO-PI	CRAWLEY, HENRY		PHYSICS & ASTRONOMY	

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\$678,424 DEPARTMENT OF ENERGY

401-21-22

82117 Investigations in Experimental and Theoretical High Energy Physics

11/1/08 to 10/31/09 RESEARCH

CO-PI PRELL, SOEREN PHYSICS & ASTRONOMY

CO-PI MEYER, WALTER PHYSICS & ASTRONOMY

\$456,800 DEPARTMENT OF EDUCATION

432-57-23

96629 National Science and Mathematics Access to Retain Talent (SMART) Grant, FY09

7/1/08 to 6/30/09 STUDENT FINANCIAL AID

JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$418,031 DEPARTMENT OF EDUCATION

432-57-22

96628 Academic Competitiveness Grant, FY09

7/1/08 to 6/30/09 STUDENT FINANCIAL AID

JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$400,000 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

422-20-06

99333 Program Year 20 (2009) Iowa Space Grant Consortium

4/1/05 to 3/31/10 MISCELLANEOUS

BYRD, WILLIAM AEROSPACE ENGINEERING-ENGR

\$358,894 NATIONAL INSTITUTES OF HEALTH

430-17-04

76596 Critical Transitions in Rural Families at Risk

6/1/09 to 5/31/10 RESEARCH

CONGER, RAND PSYCHOLOGY-LAS

CO-PI LORENZ, FREDERICK SOCIOLOGY-LAS

CO-PI WICKRAMA, K. HUMAN DEVELOPMENT & FAMILY STUDIES-HS

\$328,945 NATIONAL INSTITUTES OF HEALTH

430-21-45

94529 Structural Studies of a T Cell Specific Tyrosine Kinase

5/1/09 to 4/30/10 RESEARCH

ANDREOTTI, AMY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$311,865	NATIONAL INSTITUTES OF HEALTH		430-21-46
82970	Regulatory Enzymes of Glycolysis and Gluconeogenesis		
	5/1/09 to 4/30/10	RESEARCH	
	HONZATKO, RICHARD	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$266,967	NATIONAL INSTITUTES OF HEALTH		430-23-24
69219	Structure and Function of Schistosome Neuropeptide F		
	3/1/06 to 2/28/10	RESEARCH	
	DAY, TIMOTHY	BIOMEDICAL SCIENCES	
\$263,287	NATIONAL INSTITUTES OF HEALTH		430-23-37
85503	Mechanisms of Antibiotic Efflux in Campylobacter		
	6/1/09 to 5/31/10	RESEARCH	
	ZHANG, QIJING	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE	
	CO-PI YU, EDWARD	PHYSICS & ASTRONOMY	
\$250,000	NATIONAL ACADEMIES		428-17-15
96963	Analysis of Nighttime Construction Activities and Impacts on Safety, Quality and Productivity		
	5/7/09 to 5/6/11	RESEARCH	
	SHANE, JENNIFER	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI KANDIL, AMR	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$245,780	NATIONAL INSTITUTES OF HEALTH		430-46-17
85445	Regulatory Circuits that Control Transcriptional Responses to Hypoxia		
	6/1/09 to 5/31/10	RESEARCH	
	POWELL-COFFMAN, JO	GENETICS, DEVELOPMENT & CELL BIOLOGY	
\$231,902	NATIONAL INSTITUTES OF HEALTH		430-25-01
99327	Efflux Pump Mechanisms for Drug Recognition/Extrusion		
	5/1/09 to 4/30/10	RESEARCH	
	YU, EDWARD	PHYSICS & ASTRONOMY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$190,325 NATIONAL SCIENCE FOUNDATION

420-21-25

86279 Development of High-Dimensional Data Analysis Methods for the Identification of Differentially Expressed Gene Sets

7/31/09 to 7/31/10 RESEARCH

NETTLETON, DANIEL STATISTICS

CO-PI CHEN, SONG STATISTICS

CO-PI DEKKERS, JACK ANIMAL SCIENCE

CO-PI LIU, PENG STATISTICS

CO-PI TUGGLE, CHRIS ANIMAL SCIENCE

\$186,500 DEPARTMENT OF EDUCATION

432-57-24

99499 Teacher Education Assistance for College and Higher Education (TEACH) Grant, FY09

7/1/08 to 6/30/09 STUDENT FINANCIAL AID

JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$180,000 AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

421-20-39

92859 Design and Development of Novel Hierarchically Ordered Block Copolymer/Magnetoelectric Particle Nanocomposites

6/1/09 to 11/30/09 RESEARCH

LIN, ZHIQUN MATERIALS SCIENCE & ENGINEERING-ENGR

CO-PI AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR

CO-PI TAN, XIAOLI MATERIALS SCIENCE & ENGINEERING-ENGR

CO-PI BOWLER, NICOLA MATERIALS SCIENCE & ENGINEERING-ENGR

\$180,000 SAMSUNG TELECOMMUNICATIONS AMERICA

400-60-17

98636 Prioritized Network Coded Relaying in Next-Generation Cellular Networks

8/1/09 to 7/31/11 RESEARCH

KIM, SANG ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$160,000 NATIONAL SCIENCE FOUNDATION

420-61-60

94542 A New Pathway for GSH Metabolism in Plants

5/15/09 to 4/30/10 RESEARCH

OLIVER, DAVID GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

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\$155,424	IOWA FINANCE AUTHORITY		478-30-63
98278	Iowa Finance Authority Housing Study and Outreach		
	4/1/09 to 6/30/10	EXTENSION/PUBLIC	
	BORICH, TIMOTHY	COMMUNITY & REGIONAL PLANNING-DSN	
CO-PI	OWUSU, FRANCIS	COMMUNITY & REGIONAL PLANNING-DSN	
CO-PI	JOHNSTON, DOUGLAS	COMMUNITY & REGIONAL PLANNING-DSN	
CO-PI	OWENS, FRANKLIN	EXTENSION AREA - CENTRAL-EXT	
CO-PI	SWENSON, DAVID	ECONOMICS-AES/CALS	
CO-PI	BASMAJIAN, CARLTON	COMMUNITY & REGIONAL PLANNING-DSN	
\$150,000	DEFENSE THREAT REDUCTION AGENCY		421-20-37
96622	Search for New Highly Energetic Phases Under High Pressure and Shear		
	5/4/09 to 5/3/12	RESEARCH	
	LEVITAS, VALERY	MECHANICAL ENGINEERING-ENGR	
\$147,666	OFFICE OF NAVAL RESEARCH		421-20-38
98599	Exploratory Research into Design and Development of IR Window Material Based on Y2O3-Zr(W,Mo)2O8 Nanocomposite		
	5/1/09 to 4/30/10	RESEARCH	
	AKINC, MUFIT	MATERIALS SCIENCE & ENGINEERING-ENGR	
\$140,000	NATIONAL PORK BOARD		453-40-38
97132	Preparing for the Inevitable Increase in Fiber Content in Practical Pig Diets		
	5/2/09 to 5/1/11	RESEARCH	
	PATIENCE, JOHN	ANIMAL SCIENCE-CALS	
\$135,740	UNIVERSITY OF ILLINOIS		410-17-03
96035	Food Insecurity, Stress, and Childhood Obesity		
	10/1/08 to 1/31/11	RESEARCH	
	GARASKY, STEVEN	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	LOHMAN, BRENDA	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$135,000 NATIONAL SCIENCE FOUNDATION

420-25-26

96309 Novel Intermetallic Chemistry: Approximants, Quasicrystals, and Rare-Earth-Metal-Rich Systems

5/15/09 to 4/30/10 RESEARCH
CORBETT, JOHN CHEMISTRY-LAS

\$133,575 IOWA LEAGUE OF CITIES

400-33-09

97559 Local Government Extension Specialist Position

3/1/09 to 6/30/12 EXTENSION/PUBLIC
COPI COATES, PAUL COMMUNITY & REGIONAL PLANNING-EXT
BORICH, TIMOTHY COMMUNITY & REGIONAL PLANNING-EXT

\$130,000 NATIONAL SCIENCE FOUNDATION

420-25-09

91773 Multifunctional Mesoporous Silica Nanoparticles for Intracellular Controlled Release

7/1/08 to 6/30/10 RESEARCH
COPI LIN, SHANG-YI CHEMISTRY
TREWYN, BRIAN CHEMISTRY

\$115,200 BOEHRINGER-INGELHEIM VETMEDICA

400-63-01

98009 A Cross-Sectional Study of PRRSv Positive Swine Breeding Herd Sites to Evaluate Associations Between Risk Factors and a Case Definition-Based Number and Severity of Clinical PRRS Episodes

8/1/08 to 12/31/09 RESEARCH
HOLTKAMP, DERALD VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

\$108,702 WASHINGTON UNIVERSITY SCHOOL OF MEDICINE

404-21-80

95962 Making Improvements to the PCAP Genome Assembly Program

11/1/08 to 10/31/09 RESEARCH
HUANG, XIAOQIU COMPUTER SCIENCE-LAS

\$105,000 STANFORD UNIVERSITY

404-20-19

81788 DARPA Dimensionality Reduction and Data Mining

9/1/06 to 8/31/09 RESEARCH
RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING

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\$103,735 DARTMOUTH COLLEGE

404-17-77

98346 Psychological and Behavioral Predictors of HPV Vaccination in African American Women

4/1/09 to 12/31/09 RESEARCH
CUTRONA, CAROLYN PSYCHOLOGY-LAS

\$101,603 TOYOTA MOTOR ENGINEERING AND MANUFACTURING NORTH AMERICA INC

400-65-30

96941 Fundamental Research on Steel Material Properties for Automobile Applications and on Their Response to Electromagnetic Measurements

4/1/09 to 3/31/10 RESEARCH
NAKAGAWA, NORIO CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI LO, CHI CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

\$100,385 PIONEER HI-BRED INTERNATIONAL

400-43-95

99202 The Drought-Responsive Metabolome of Maize for the Identification of Biochemical Signatures for Tolerance

5/13/09 to 5/12/12 RESEARCH
ZABOTINA, OLGA BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

\$100,000 WASHINGTON UNIVERSITY

404-40-78

99028 Improving the Sequence of the Maize Genome

11/15/05 to 10/31/09 RESEARCH
SCHNABLE, PATRICK AGRONOMY-AES/CALS
CO-PI ALURU, SRINIVAS ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$98,000 GENERAL DYNAMICS INFORMATION TECHNOLOGY, INC

404-25-34

98436 Metamaterials with Amplified Media

5/1/09 to 6/30/09 RESEARCH
SOUKOULIS, COSTAS PHYSICS & ASTRONOMY-LAS

\$97,250 GEORGIA TECH UNIVERSITY

400-60-18

96427 Experimental and Model Developments of Interfacial Mechanical Integrity of Layered Stacks

2/1/09 to 1/31/10 RESEARCH
BASTAWROS, ASHRAF AEROSPACE ENGINEERING-ENGR
CO-PI HONG, WEI AEROSPACE ENGINEERING-ENGR

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\$91,803	UNIVERSITY OF MARYLAND			404-20-12
91303	Fuselage Configuration Effects on Rotorwash and Brownout			
	8/1/08 to 12/31/09	RESEARCH		
	RAJAGOPALAN, R.		AEROSPACE ENGINEERING	
\$90,999	NATIONAL SCIENCE FOUNDATION			420-17-51
86754	NETS-NBD: Network Coding-Based Protection			
	8/1/09 to 7/31/10	RESEARCH		
	KAMAL, AHMED		ELECTRICAL & COMPUTER ENGINEERING	
CO-PI	RAMAMOORTHY, ADITYA		ELECTRICAL & COMPUTER ENGINEERING	
\$86,970	MINNESOTA DEPARTMENT OF TRANSPORTATION			400-17-82
98602	Implementation, Training, and Outreach for Minnesota Department of Transportation Pavement Marking Tool-Phase II			
	5/7/09 to 5/31/11	RESEARCH		
	SMADI, OMAR		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	HAWKINS, NEAL		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$80,000	PURDUE UNIVERSITY			400-41-33
99246	National Air Emissions Monitoring Study			
	3/1/07 to 12/31/09	RESEARCH		
	KOZIEL, JACEK		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	HOFF, STEVEN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	HARMON, JAY		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$77,936	DEERE AND COMPANY			400-65-31
99118	Conceptual Design of a Eucalyptus Machine Form			
	5/1/09 to 10/31/09	RESEARCH		
	WINER, ELIOT		MECHANICAL ENGINEERING-ENGR	
CO-PI	OLIVER, JAMES		MECHANICAL ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$70,636	DREXEL UNIVERSITY			404-20-40
63637	Remote Non-Destructive Testing and Measurement of Large-Scale Power Systems			
	11/30/07 to 11/30/09	RESEARCH		
	AJJARAPU, VENKATARAMANA		ELECTRICAL & COMPUTER ENGINEERING	
\$66,960	UNIVERSITY OF NORTHERN IOWA			475-17-42
97553	IT-Olympics, 2010			
	6/1/09 to 5/31/10	INSTRUCTION/TRAINING		
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$66,956	NATIONAL CATTLEMENS BEEF ASSOCIATION			400-44-04
97114	Improving Quality of Beef Round Muscles Packaged in High-Oxygen Modified Atmosphere Through Early Postmortem Calcium Lactate Enhancement			
	5/1/09 to 5/31/10	RESEARCH		
	LONERGAN, ELISABETH		ANIMAL SCIENCE-CALS	
CO-PI	LONERGAN, STEVEN		ANIMAL SCIENCE-CALS	
\$65,705	UNIVERSITY OF NEBRASKA-LINCOLN			400-44-02
97643	Functional Analysis of Soybean Genes Through Transposon Mutagenesis			
	10/1/08 to 9/30/09	RESEARCH		
	WANG, KAN		AGRONOMY-CALS	
\$65,421	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-24
96190	Development of SWAT Hydrologic Parameters for Specific Iowa Landform Regions			
	4/1/09 to 11/30/09	RESEARCH		
	GASSMAN, PHILIP		ECONOMICS-AES	
CO-PI	JHA, MANOJ		ECONOMICS-AES	
\$65,000	DEERE AND COMPANY			400-65-29
97982	Creating an Information Dashboard to Explore Market Data for Enhanced Portfolio Creation and Management			
	12/2/08 to 10/31/09	RESEARCH		
	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR	

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\$60,000	MICHIGAN STATE UNIVERSITY				404-20-15
70582	Thermoelectric Conversion of Waste Heat to Electricity in an IC Engine Powered Vehicle				
	10/1/05 to 10/31/09	RESEARCH			
	SHIH, TOM		AEROSPACE ENGINEERING		
\$60,000	UNIVERSITY OF NORTHERN IOWA				475-28-13
98995	Math and Science Education Partnership-Amendment				
	7/1/08 to 5/31/09	INSTRUCTION/TRAINING			
	PETERSON, CARLA		HUMAN DEVELOPMENT & FAMILY STUDIES-HS		
\$54,000	VIETNAM INTERNATIONAL EDUCATION DEVELOPMENT				400-18-04
99261	Vietnam International Educational Development				
	8/1/09 to 7/31/11	FELLOWSHIP			
	HOLGER, DAVID		GRADUATE COLLEGE-PROV		
\$53,674	UNIVERSITY OF NORTHERN IOWA				475-17-41
97565	Go!: Using an Online Magazine to Convey Real-World Math and Science Concepts Related to Transportation				
	6/1/09 to 5/31/10	EXTENSION/PUBLIC			
	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
CO-PI	REGENOLD, MICHELE		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
\$50,833	NATIONAL CATTLEMENS BEEF ASSOCIATION				400-44-03
97108	Improving the Quality of the Beef Round: What is the Role of Electrical Stimulation?				
	5/1/09 to 4/30/10	RESEARCH			
	LONERGAN, ELISABETH		ANIMAL SCIENCE-CALS		
CO-PI	LONERGAN, STEVEN		ANIMAL SCIENCE-CALS		
\$50,000	KANSAS STATE UNIVERSITY				410-30-53
97079	Operation Military Kids Camp Initiative, Iowa				
	2/1/09 to 9/30/09	EXTENSION/PUBLIC			
	MORRIS, JOHN		EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
CO-PI	GLEASON, CHRIS		EXTENSION 4-H YOUTH DEVELOPMENT-EXT		

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\$50,000	AMERICAN CANCER SOCIETY		400-64-05
97586	A Service Learning Collaboration for Community Cancer Education, Phase II		
	2/9/09 to 3/15/11	INSTRUCTION/TRAINING	
	MACDONALD, RUTH	FOOD SCIENCE & HUMAN NUTRITION-HS	
\$46,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP		471-30-82
98962	Iowa Learning Farms Mobile Conservation Outreach Unit		
	4/1/09 to 12/31/09	EXTENSION/PUBLIC	
	COMITO, JACQUELINE	SOCIOLOGY-EXT	
CO-PI	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	ZHOU, XIAOBO	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$45,495	UNIVERSITY OF NORTHERN IOWA		475-21-15
97487	Increasing the Cognitive Demand of Mathematical Instructional Tasks in Middle Schools and High Schools		
	6/1/09 to 5/31/10	INSTRUCTION/TRAINING	
	BOLLES, HEATHER	MATHEMATICS-LAS	
\$44,000	CALIFORNIA DEPARTMENT OF TRANSPORTATION		400-17-41
98263	Seismic Performance of an I-Girder to Inverted-Tee Bent Cap Connection		
	2/15/08 to 5/31/10	RESEARCH	
	SRITHARAN, SIVALINGAM	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$41,218	OAK RIDGE NATIONAL LABORATORY		401-25-08
98307	Formation Mechanisms and Optical Properties of Low-Dimensional Materials		
	4/20/09 to 9/30/09	RESEARCH	
	HO, KAI-MING	PHYSICS & ASTRONOMY-LAS	
CO-PI	WANG, CAI-ZHUANG	AMES LABORATORY DOE-VPR/ED	
\$40,246	UNIVERSITY OF ILLINOIS		400-43-93
99153	Identification and Utilization of Resistance to Soybean Rust		
	1/1/09 to 12/31/09	RESEARCH	
	CIANZIO, SILVIA	AGRONOMY-AES/CALS	

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\$39,487	UNIVERSITY OF NORTHERN IOWA			475-28-19
99366	Mapping the Needs of Iowa's Math and Science Teachers			
	6/1/09 to 5/31/10	RESEARCH		
	HAGEDORN, LINDA		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$39,000	VARIOUS FEDERAL SPONSORS			207-57-02
99660	Scholarship Support for Fall 2008			
	8/24/08 to 12/18/08	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$38,900	SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION			404-21-19
98527	VERITAS-Particle Astrophysics			
	7/1/00 to 4/30/10	RESEARCH		
	KRENNRICH, FRANK		PHYSICS & ASTRONOMY-LAS	
\$36,000	VARIOUS FEDERAL SPONSORS			207-57-02
99666	Scholarship Support for Spring 2009			
	1/11/09 to 5/7/09	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$32,878	ARMY RESEARCH OFFICE			421-21-08
84712	Stochastic Control Problems for Processes with Long-Range Dependence and Internet Traffic			
	7/1/07 to 6/30/10	RESEARCH		
	WEERASINGHE, ANANDA		MATHEMATICS	
\$30,000	BATTELLE MEMORIAL INSTITUTE PACIFIC NORTHWEST NATIONAL LABORATORY			404-20-93
98956	Modeling and Simulation Techniques for Distribution Feeder Reconfiguration in a Modern Grid			
	5/19/09 to 12/31/09	RESEARCH		
	GOVINDARASU, MANIMARAN		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	LIU, CHEN-CHING		ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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\$29,199	IOWA DEPARTMENT OF ELDER AFFAIRS			478-28-21
99438	Evaluation of Media Campaign and Long Term Care Services and Support Campaign			
	3/1/09 to 6/30/09	RESEARCH		
	SHELLEY, MACK		STATISTICS-LAS	
CO-PI	POLUSH, ELENA		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
CO-PI	KEMIS, MARI		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
CO-PI	ANDERSON, MARY		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$28,938	NATIONAL INSTITUTES OF HEALTH			430-21-36
81059	Regulation of Chromatin Structure and Gene Expression			
	1/1/09 to 12/31/09	RESEARCH		
	JOHANSEN, KRISTEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
CO-PI	JOHANSEN, JORGEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
CO-PI	GIRTON, JACK		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$28,750	SYNGENTA			400-48-66
98502	Corn Pests Research Project			
	3/27/09 to 3/26/10	RESEARCH		
	GASSMANN, AARON		ENTOMOLOGY-AES/CALS	
CO-PI	WEBER, PATRICK		ENTOMOLOGY-AES/CALS	
\$28,355	AUBURN UNIVERSITY			404-25-40
96228	Nondestructive Testing to Identify Delaminations Between HMA Layers			
	2/20/09 to 7/20/09	RESEARCH		
	HOLLAND, STEPHEN		AEROSPACE ENGINEERING-ENGR	
CO-PI	CEYLAN, HALIL		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$26,822	DARTMOUTH UNIVERSITY			404-17-22
96282	Factors Influencing the Health Behaviors of Young African American Adults			
	7/1/08 to 12/31/09	RESEARCH		
	CUTRONA, CAROLYN		PSYCHOLOGY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$23,000	ROCKWELL COLLINS, INC			400-25-31
99328	Experimental Command and Control Project			
	1/1/09 to 9/1/09	RESEARCH		
	MENNECKE, BRIAN		LOGISTICS, OPERATIONS, & MANAGEMENT INFORMATION SYSTEMS-BUS	
\$20,213	MID-IOWA FAMILY THERAPY CLINIC, INC			400-64-06
99089	Graduate Assistantship for Harper with Mid-Iowa Family Therapy Clinic, Inc			
	8/15/09 to 8/14/10	RESEARCH		
	MURPHY, MEGAN		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$20,000	MADDIES FUND			400-63-02
98652	Maddies Shelter Medicine Program			
	4/3/09 to 2/15/10	EXTENSION/PUBLIC		
	BALDWIN, CLAUDIA		VETERINARY CLINICAL SCIENCES-VET	
\$19,199	NATIONAL PORK BOARD			453-40-39
97140	Analysis of Water Consumption and Conservation Techniques Used in Swine Production Facilities			
	6/15/09 to 6/15/10	EXTENSION/PUBLIC		
	BURNS, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	MOODY, LARA		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	MUHLBAUER, EMBER		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	STALDER, KENNETH		ANIMAL SCIENCE-CALS	
CO-PI	HARMON, JAY		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$18,981	METABOLIC TECHNOLOGIES, INC			400-75-30
99061	Effect of Liquid-Gel Delivery of HMB Through Oral and Sub-Lingual Administration on Plasma Levels of HMB			
	5/1/09 to 4/30/10	RESEARCH		
	SHARP, RICKEY		KINESIOLOGY-HS	
CO-PI	KRENNRICH, JULIENNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$18,174	UNIVERSITY OF IOWA			404-28-26
75805	Writing to Learn: Professional Development Resources			
	9/1/05 to 8/31/09	RESEARCH		
	NORTON-MEIER, LORI		CURRICULUM & INSTRUCTION	
\$16,297	UNIVERSITY OF NORTHERN IOWA			475-18-02
99364	Taking the Road Less Traveled to Northwest Iowa			
	6/1/09 to 5/31/10	EXTENSION/PUBLIC		
	ZUNKEL, KAREN		WOMEN IN SCIENCE & ENGINEERING-PROV	
\$16,250	VARIOUS FEDERAL SPONSORS			207-57-01
99659	Scholarship Support for Fall 2008			
	8/24/08 to 12/18/08	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$15,500	VARIOUS FEDERAL SPONSORS			207-57-01
99665	Scholarship Support for Spring 2009			
	1/11/09 to 5/7/09	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$15,329	IOWA DEPARTMENT OF NATURAL RESOURCES			473-21-10
98674	Phase 1 Archaeological Survey			
	5/1/09 to 7/1/10	EXTENSION/PUBLIC		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$15,289	MICHIGAN STATE UNIVERSITY			400-28-88
90940	Ecologies of Engagement: An Investigation into Teacher Learning About Teacher-Parent Engagement in Science and Mathematics Education			
	6/1/08 to 5/31/09	RESEARCH		
	DRAKE, COREY		CURRICULUM & INSTRUCTION	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$15,016	IOWA SCHOOL BOARDS FOUNDATION			400-61-10
98036	Defining Highly Qualified School Boards			
	2/1/09 to 4/30/10	RESEARCH		
	SHELLEY, MACK		STATISTICS-LAS	
\$14,689	VARIOUS EXTERNAL/PRIVATE SPONSORS			207-57-01
99656	Scholarship Support for Summer 2008			
	5/19/08 to 8/8/08	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	
\$10,450	NATIONAL SCIENCE FOUNDATION			420-40-73
98472	LTREB: Long-Term Research on Environmental Gender Determination in a Model System: The Next Five Years			
	3/15/07 to 2/28/10	RESEARCH		
	JANZEN, FREDRIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$10,000	BOEHRINGER-INGELHEIM VETMEDICA			400-63-01
98009	A Cross-Sectional Study of PRRSv Positive Swine Breeding Herd Sites to Evaluate Associations Between Risk Factors and a Case Definition-Based Number and Severity of Clinical PRRS Episodes			
	8/1/08 to 12/31/09	RESEARCH		
	HOLTKAMP, DERALD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$9,992	REBUILD IOWA OFFICE			478-40-30
98524	Measuring the Economic Impact of Disasters			
	3/13/09 to 6/30/10	RESEARCH		
	SWENSON, DAVID		ECONOMICS-AES/CALS	
\$9,983	UNIVERSITY OF MINNESOTA			404-28-10
61824	Research Institute on Progress Monitoring			
	11/1/03 to 10/31/09	RESEARCH		
	FOEGEN, ANNE		CURRICULUM & INSTRUCTION	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$9,434	DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY	424-40-06
91871	Assessing the Role of Conspecific Attraction in Habitat Restoration for Henslow's Sparrows in Iowa	
	9/8/08 to 6/30/10 RESEARCH	
	KOFORD, ROLF NATURAL RESOURCE ECOLOGY & MANAGEMENT	
\$8,331	MOSAIC FERTILIZER, LLC	400-43-92
98765	K and P Fertilizer Response in Miscanthus X Giganteus	
	5/1/09 to 4/30/10 RESEARCH	
	HEATON, EMILY AGRONOMY-AES/CALS	
\$7,711	VARIOUS EXTERNAL/PRIVATE SPONSORS	206-57-01
99655	Scholarship Support for Summer 2008	
	5/19/08 to 8/8/08 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$7,665	NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	426-20-03
97943	Summer Undergraduate Research Fellowship with NIST	
	5/1/09 to 9/30/09 FELLOWSHIP	
	WICKERT, JONATHAN MECHANICAL ENGINEERING-ENGR	
\$6,940	JET PROPULSION LABORATORY	404-21-82
94321	Mid-Infrared Imaging of the Taffy Colliding Galaxy Pairs UGC 813/6Arp261	
	5/19/09 to 6/30/10 RESEARCH	
	STRUCK, CURTIS PHYSICS & ASTRONOMY-LAS	
\$6,000	SANDIA NATIONAL LABORATORY	404-17-79
98093	Cyber Attack Impact Analysis for SCADA Systems	
	6/1/09 to 5/31/10 RESEARCH	
	GOVINDARASU, MANIMARAN ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,000	DEPARTMENT OF AGRICULTURE, CSREES	416-40-18
98465	Critical Issue Prioritization Conference for the United States Pork Industry	
	6/1/09 to 11/30/09 EXTENSION/PUBLIC	
	MEISINGER, DAVID U.S. PORK CENTER OF EXCELLENCE-AES/CALS	
\$5,000	WEST VIRGINIA UNIVERSITY	404-20-44
98899	Distributed Conformal Actuation for Simultaneously Controlling Flow Separation and Transition	
	1/1/09 to 7/31/09 RESEARCH	
	ROTHMAYER, ALRIC AEROSPACE ENGINEERING-ENGR	
\$4,977	IOWA DEPARTMENT OF TRANSPORTATION	474-17-18
98865	Cars Location Database Update and Validation	
	10/1/07 to 6/30/09 RESEARCH	
	HANS, ZACHARY CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
	CO-PI NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$4,687	UNITED ACTION FOR YOUTH	400-33-64
96597	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,600	ACADEMY OF APPLIED SCIENCE	404-21-81
99015	Summer Internship for High-School Student from Ames High	
	4/8/09 to 8/31/09 RESEARCH	
	CERVATO, CINZIA GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$2,500	AMERICAN EDUCATION RESEARCH ASSOCIATION	404-17-62
87411	Statistical Methods for Utilizing Auxiliary Data in Educational Surveys	
	8/16/07 to 8/15/09 RESEARCH	
	LARSEN, MICHAEL STATISTICS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,500	NATIONAL SCIENCE FOUNDATION			420-60-18
98471	CAREER: Ultrasound Histotripsy System Development to Improve Cancer Treatment			
	4/30/09 to 4/30/12	RESEARCH		
	BIGELOW, TIMOTHY		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$2,000	COUNCIL FOR STUDY OF COMMUNITY COLLEGES			400-64-04
98095	Workforce Development During Economic Crisis: Community College Response			
	3/29/09 to 3/28/11	RESEARCH		
	HAGEDORN, LINDA		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
	CO-PI RYDER, ANDREW		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$2,000	PIONEER HI-BRED INTERNATIONAL			400-30-99
99244	Testing of New Corn Technology			
	2/18/08 to 2/18/10	RESEARCH		
	OWEN, MICHEAL		AGRONOMY-AES/CALS	
\$1,773	IOWA DEPARTMENT OF NATURAL RESOURCES			473-21-10
98674	Phase 1 Archaeological Survey			
	5/1/09 to 7/1/10	EXTENSION/PUBLIC		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$1,570	PETERSON CONTRACTORS, INC			400-61-61
99003	Phase 1 Archaeological Survey in Cedar Rapids			
	4/21/09 to 6/30/09	EXTENSION/PUBLIC		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$1,250	VARIOUS STATE SPONSORS			207-57-02
99652	Scholarship Support for Summer 2008			
	5/19/08 to 8/8/08	SCHOLARSHIP		
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VPSA	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,100 VARIOUS UTILITIES THROUGH THE IOWA DEPARTMENT OF COMMERCE

478-17-00

99209 Operational Funds for the Iowa Energy Center

9/27/91 to 12/31/99 RESEARCH
NORDMEYER, KEVIN IOWA ENERGY CENTER-VPR/ED

\$500 VARIOUS UTILITIES THROUGH THE IOWA DEPARTMENT OF COMMERCE

478-17-00

99209 Operational Funds for the Iowa Energy Center

9/27/91 to 12/31/99 RESEARCH
NORDMEYER, KEVIN IOWA ENERGY CENTER-VPR/ED