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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,256,272 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

\$1,750,000 NATIONAL SCIENCE FOUNDATION 420-72-20

88002 ERC 2: CENTER FOR BIORENEWABLE CHEMICALS

9/1/10 to 8/31/11 RESEARCH

	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING
CO-PI	LESHEM-ACKERMAN, ADAH	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS
CO-PI	MCCARLEY, TONIA	NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR
CO-PI	OLIVER, DAVID	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI	RAMAN, DAVE	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR
CO-PI	REILLY, PETE	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	ROLLINS, DERRICK	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	SHANKS, JACQUELINE	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	WOO, LEE	CHEMISTRY-LAS
CO-PI	WURTELE, EVE	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI	EUKEN, JILL	NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR
CO-PI	NIKOLAU, BASIL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
CO-PI	ANEX, ROBERT	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR
CO-PI	BOBIK, THOMAS	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS
CO-PI	DICKERSON, JULIE	ELECTRICAL & COMPUTER ENGINEERING-ENGR
CO-PI	JARBOE, LAURA	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	KRAUS, GEORGE	CHEMISTRY-LAS
CO-PI	LAROCK, RICH	CHEMISTRY-LAS

\$1,617,921 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

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\$794,040	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		
\$568,725	UNITED SOYBEAN BOARD			459-40-08
113257	APPLICATION OF BIOTECHNOLOGY TO CONTROL OF THE SOYBEAN CYST NEMATODE: PARASITISM GENES			
	10/1/09 to 9/30/12	RESEARCH		
	BAUM, THOMAS	PLANT PATHOLOGY-AES/CALS		
\$377,646	DEPARTMENT OF ENERGY			401-21-06
111310	ROSENBERG IPA ASSIGNMENT			
	9/1/10 to 8/31/12	FELLOWSHIP		
	ROSENBERG, ELI	PHYSICS & ASTRONOMY-LAS		
\$369,184	MICHIGAN STATE UNIVERSITY			404-40-87
104714	ENHANCING BIOLOGICAL NIPGEN FIXATION OF LEGUMINOUS CROPS GROWN ON DEGRADED SOILS IN UGANDA, RWANDA, AND TANZANIA			
	1/1/10 to 9/30/11	RESEARCH		
	WESTGATE, MARK	AGRONOMY-AES/CALS		
\$305,510	UNITED SOYBEAN BOARD			459-40-12
108267	APPLICATION OF NEW GENETIC RESOURCES TO THE IMPROVED CONTROL OF SOYBEAN SUDDEN DEATH SYNDROME (SDS)			
	10/1/08 to 9/30/11	RESEARCH		
	CIANZIO, SILVIA	AGRONOMY-AES/CALS		
	CO-PI BHATTACHARYYA, MADAN	AGRONOMY-AES/CALS		
\$268,964	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-01
111316	LEOPOLD CENTER SUPPORT			
	7/1/10 to 9/30/10	RESEARCH		
	MORTON, LOIS	LEOPOLD CENTER-AES/CALS		

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	\$261,085	NATIONAL INSTITUTES OF HEALTH		430-25-08
90801		META!BLAST: A CELL AND METABOLIC BIOLOGY INTERACTIVE LEARNING ENVIRONMENT FOR HIGH SCHOOL STUDENTS		
		9/1/10 to 8/31/11	RESEARCH	
		CO-PI WURTELE, EVE	GENETICS, DEVELOPMENT & CELL BIOLOGY	
		CO-PI BASSHAM, DIANE	GENETICS, DEVELOPMENT & CELL BIOLOGY	
		CO-PI DICKERSON, JULIE	ELECTRICAL & COMPUTER ENGINEERING	
		CO-PI HERRNSTADT, STEVEN	ART & DESIGN	
		CO-PI OLSON, JOANNE	CURRICULUM & INSTRUCTION	
	\$235,724	SOUTHERN CALIFORNIA EDISON		400-20-13
111457		SCE INERTIA REDUCTION STUDY		
		12/1/10 to 12/31/11	RESEARCH	
		CO-PI MCCALLEY, JAMES	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
		CO-PI AJJARAPU, VENKATARAMANA	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
	\$233,637	POET RESEARCH, INC		400-30-68
113167		EFFECT OF CORN COB-BALES (SQUARE) ON SUBSEQUENT CROP DEVELOPMENT AND SOIL HEALTH		
		11/1/10 to 11/1/12	RESEARCH	
		CO-PI AL-KAISI, MAHDI	AGRONOMY-EXT	
		CO-PI ELMORE, ROGER	AGRONOMY-EXT	
	\$225,535	UNIVERSITY OF MINNESOTA		404-21-23
97644		PRECISE ENGINEERING OF PLANT GENOMES USING ZINC FINGER NUCLEASES		
		9/15/09 to 8/31/11	RESEARCH	
		CO-PI DOBBS, DRENA	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
		CO-PI WANG, KAN	AGRONOMY-CALS	
	\$225,330	DEPARTMENT OF AGRICULTURE, APHIS		412-45-10
111360		RISK AND BENEFIT ANALYSIS FOR GENETICALLY MODIFIED AGRICULTURAL PRODUCTS		
		9/27/10 to 9/26/11	RESEARCH	
		MISRA, MANJIT	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	

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\$200,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION	405-17-01
107443	OFFICE OF INTELLECTUAL PROPERTY AND TECHNOLOGY TRANSFER SUPPORT	
	9/1/10 to 12/31/99 RESEARCH	
	QUISENBERRY, SHARRON VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$199,342	DEPARTMENT OF AGRICULTURE, APHIS	412-05-20
111475	DELIVERY OF THE EMERGING AND EXOTIC DISEASES OF ANIMAL COURSE FOR INITIAL ACCREDITATION	
	9/24/10 to 9/23/11 EXTENSION/PUBLIC	
	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	BROWN, GAYLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	BICKETT-WEDDLE, DANELLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	FLAMING, KEVAN CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$196,402	DEPARTMENT OF EDUCATION	432-57-70
105118	PELL GRANT, FY10	
	7/1/09 to 6/30/10 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$187,594	MICHIGAN STATE UNIVERSITY	404-21-32
108154	ENHANCING NUTRITIONAL VALUE AND MARKETABILITY OF BEANS THROUGH RESEARCH AND STRENGTHENING KEY VALUE CHAIN STAKEHOLDERS IN UGANDA AND RWANDA	
	4/1/08 to 9/30/11 RESEARCH	
	MAZUR, ROBERT SOCIOLOGY-LAS	
CO-PI	WESTGATE, MARK AGRONOMY-AES/CALS	
CO-PI	JENSEN, HELEN ECONOMICS-AES/CALS	
CO-PI	HENDRICH, SUZANNE FOOD SCIENCE & HUMAN NUTRITION-HS	
CO-PI	REDDY, MANJU FOOD SCIENCE & HUMAN NUTRITION-HS	
CO-PI	MURPHY, PATRICIA FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
\$174,462	UNIVERSITY OF MINNESOTA	410-30-64
105439	OPTIMIZING ROW COVERS AND PERIMETER TRAP CROPS FOR CUCURBIT PEST MANAGEMENT	
	12/1/10 to 11/30/12 EXTENSION/PUBLIC	
	GLEASON, MARK PLANT PATHOLOGY-EXT	
CO-PI	BATZER, JEAN PLANT PATHOLOGY-EXT	
CO-PI	JESSE, LAURA PLANT PATHOLOGY-EXT	

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\$174,462 UNIVERSITY OF MINNESOTA

410-30-64

105439 OPTIMIZING ROW COVERS AND PERIMETER TRAP CROPS FOR CUCURBIT PEST MANAGEMENT

12/1/10 to 11/30/12 EXTENSION/PUBLIC

CO-PI LEWIS, DONALD ENTOMOLOGY-EXT

CO-PI DUFFY, MICHAEL ECONOMICS-EXT

\$159,000 LIGHTWAVE POWER

444-25-01

104908 EFFICIENT SOLAR CELLS ON PEN SUBSTRATES

1/28/10 to 1/27/11 RESEARCH

CO-PI DALAL, VIKRAM ELECTRICAL & COMPUTER ENGINEERING-ENGR

BISWAS, RANA MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED

\$123,249 UNIVERSITY OF NEBRASKA

410-40-18

107348 ASSESSING THE RISK OF EUROPEAN CORN BORER ADAPTATION TO TRANSGENIC MAIZE

8/1/10 to 7/31/13 RESEARCH

GASSMANN, AARON ENTOMOLOGY-AES/CALS

\$121,847 DEPARTMENT OF DEFENSE, AFOSR

421-20-33

94450 A UNIFYING HIGH-ORDER METHOD FOR THE NAVIER-STOKES EQUATIONS ON HYBRID UNSTRUCTURED MESHES

12/1/10 to 11/30/11 RESEARCH

WANG, ZHI AEROSPACE ENGINEERING-ENGR

\$117,651 LUCELLA BIOSCIENCES, INC

404-21-91

98716 SOLUTION-PHASE AUTOMATED SYNTHESIS OF OLIGOSACCHARIDES

3/1/10 to 2/28/11 RESEARCH

CO-PI PETRICH, JACOB CHEMISTRY-LAS

POHL, NICOLA CHEMISTRY-LAS

\$104,971 DEPARTMENT OF HOMELAND SECURITY

478-12-01

113115 RADIOLOGICAL EMERGENCY RESPONSE

7/1/10 to 6/30/11 DEPT/ADMIN SUPPORT

INYANG, ANIEFIOK ENVIRONMENTAL HEALTH & SAFETY-VPBF

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\$100,000	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT			478-30-29
111135	MIDWEST GRAPE AND WINE INDUSTRY INSTITUTE			
	7/1/10 to 6/30/11	EXTENSION/PUBLIC		
	DHARMADHIKARI, MURLIDHAR	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS		
CO-PI	LAWRENCE, JOHN	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
\$100,000	UNIVERSITY OF IOWA			475-17-05
113230	ANALYSES AND INTERPRETATION OF PRECIPITATION CHARACTERISTICS RELATING TO IOWA FLOODS			
	7/1/10 to 6/30/11	RESEARCH		
	TAKLE, GENE	AGRONOMY-AES/CALS		
CO-PI	ANDERSON, CHRISTOPHER	AGRONOMY-AES/CALS		
\$98,733	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		
\$95,000	UNIVERSITY OF IOWA			475-20-29
107715	ADVANCED METROLOGY FOR WIND ENERGY MANUFACTURING			
	6/1/10 to 12/31/10	EQUIPMENT		
	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR		
CO-PI	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR		
CO-PI	ODONNELL, MICHAEL	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT		
\$93,078	MICHIGAN STATE UNIVERSITY			404-20-72
106098	AF: SMALL: PARALLEL TRANSIENT SOLVERS FOR MULTISCALE ELECTROMAGNETICS SIMULATION			
	9/1/10 to 8/31/13	RESEARCH		
	ALURU, SRINIVAS	ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$92,000	KANSAS STATE UNIVERSITY			410-30-19
108193	IOWA OPERATION MILITARY KIDS			
	10/1/10 to 8/31/11	EXTENSION/PUBLIC		
	MORRIS, JOHN	EXTENSION 4-H YOUTH DEVELOPMENT-EXT		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$92,000	KANSAS STATE UNIVERSITY			410-30-19
108193	IOWA OPERATION MILITARY KIDS			
	10/1/10 to 8/31/11	EXTENSION/PUBLIC		
CO-PI	GLEASON, CHRIS		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$86,076	DEERE & COMPANY			400-40-72
113318	DEVELOPMENT VARIABLE RATE STOVER COLLECTION FOR SINGLE PASS BIOMASS HARVESTER			
	10/1/10 to 12/31/11	RESEARCH		
CO-PI	BIRRELL, STUART		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	STEWART, BRIAN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$81,988	UNIVERSITY OF ILLINOIS			444-20-03
104149	ESTIMATING ULTRASOUND ATTENUATION IN HUMAN PREGNANT CERVIX			
	9/13/10 to 8/31/11	RESEARCH		
	BIGELOW, TIMOTHY		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$80,000	SYNGENTA CROP PROTECTION, INC			400-40-71
113110	NEMATODE PROJECT			
	10/4/10 to 9/30/12	RESEARCH		
	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	
\$79,826	IOWA DEPARTMENT OF TRANSPORTATION			474-79-02
111649	RISK MITIGATION STRATEGIES FOR OPERATIONS AND MAINTENANCE ACTIVITIES			
	11/1/10 to 10/31/11	RESEARCH		
CO-PI	STRONG, KELLY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	SHANE, JENNIFER		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$79,340	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			

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\$70,208	IOWA SOYBEAN ASSOCIATION			450-41-21
108066	SOYBEAN PRODUCTION RESEARCH—BREAKING THE YIELD BARRIER			
	10/1/10 to 9/30/11	RESEARCH		
	MUNKVOLD, GARY		PLANT PATHOLOGY-AES/CALS	
\$70,000	DEPARTMENT OF AGRICULTURE, APHIS			412-05-43
112059	ANIMAL EMERGENCY RESPONSE RESOURCE DATABASE AND EDUCATION WEBSITE			
	9/28/10 to 9/27/11	EXTENSION/PUBLIC		
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	EIA, CHERYL		CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$64,985	UNIVERSITY OF CALIFORNIA, SAN DIEGO			404-21-18
97755	TRPGR: DISCOVERY, REVISION, AND VALIDATION OF MAIZE GENES BY PROTEOGENOMICS			
	9/15/09 to 8/31/11	RESEARCH		
	RODERMEL, STEVEN		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$60,814	UNITED SOYBEAN BOARD			459-21-01
99162	IMPROVEMENT OF SOYBEAN PROTEIN CONTENT VIA STORAGE IN PROTEIN BODIES			
	10/1/10 to 9/30/11	RESEARCH		
	BASSHAM, DIANE		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$59,805	UNITED SOYBEAN BOARD			459-40-43
112063	INTEGRATION OF SOYBEAN ANALYTICS WITH MODERN ANIMAL NUTRITION			
	10/1/10 to 9/30/11	RESEARCH		
	HURBURGH, CHARLES		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$58,125	SANDIA CORPORATION, SANDIA NATIONAL LABORATORIES			404-21-79
112087	STATISTICALLY SIGNIFICANT RELATIONAL DATA MINING			
	3/16/09 to 9/30/11	RESEARCH		
	NORDMAN, DANIEL		STATISTICS-LAS	
CO-PI	WILSON, ALYSON		STATISTICS-LAS	

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\$58,016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	404-25-09
105565	EARLY DIAGNOSIS OF PANCREATIC CANCER	
	9/10/10 to 6/30/11 RESEARCH	
	LIPERT, ROBERT	INSTITUTE FOR COMBINATORIAL DISCOVERY - IPRT-VPR/ED
\$53,235	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
\$50,067	IOWA DEPARTMENT OF TRANSPORTATION	474-17-47
113177	REAL TIME PERFORMANCE MEASUREMENT FOR HIGHWAY WINTER MAINTENANCE OPERATIONS	
	10/15/10 to 9/30/11 RESEARCH	
	ZHU, ZHENGYUAN	STATISTICS-LAS
CO-PI	KAISER, MARK	STATISTICS-LAS
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$50,000	IOWA ATTORNEY GENERALS OFFICE	478-20-03
107726	SWINE FEEDING TRIALS WITH FUNGI GROWN ON THIN STILLAGE	
	8/1/10 to 7/31/11 RESEARCH	
	VAN LEEUWEN, JOHANNES	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$49,720	KIRKWOOD COMMUNITY COLLEGE	404-28-24
113301	EVALUATION OF THE COMMUNITY COLLEGE INITIATIVE PROGRAM	
	7/1/10 to 6/30/12 RESEARCH	
	KEMIS, MARI	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS
\$48,577	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-28
113197	DEMONSTRATION OF THE IMPACTS OF MIXED ANNUAL-PERENNIAL AGROECOSYSTEMS ON WATER QUALITY AND WATER QUANTITY	
	10/1/10 to 9/30/11 EXTENSION/PUBLIC	
	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
CO-PI	ASBJORNSEN, HEIDI	NATIONAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

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\$46,430	SYNGENTA CROP PROTECTION, INC			400-40-62
113409	INTERACTION BETWEEN RHIZOCTONIA ROOT ROT AND LESION NEMATODES ON CORN			
	12/1/10 to 11/30/11	RESEARCH		
	MUNKVOLD, GARY		PLANT PATHOLOGY-AES/CALS	
\$44,500	DEPARTMENT OF AGRICULTURE, NIFA			416-30-13
111651	4-H AND FISH AND WILDLIFE SERVICE GIS MAPPING PROJECT			
	9/1/10 to 8/31/11	EXTENSION/PUBLIC		
	STAKER, JAY		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	JENSEN, ALAN		EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT	
\$43,273	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			422-25-03
87431	DEVELOPMENT AND DEMONSTRATION OF COMPUTATIONAL NDE TECHNIQUES			
	6/1/07 to 5/31/12	RESEARCH		
	THOMPSON, R.		MATERIALS SCIENCE & ENGINEERING	
CO-PI	GRAY, TIMOTHY		CENTER FOR NONDESTRUCTIVE EVALUATION	
CO-PI	NAKAGAWA, NORIO		CENTER FOR NONDESTRUCTIVE EVALUATION	
\$42,799	WOODBURY COUNTY AGRICULTURAL EXTENSION DISTRICT			410-30-36
107672	WOODBURY COUNTY BASICS FOR FY 2011			
	10/1/10 to 9/30/11	EXTENSION/PUBLIC		
	MCGILL, SHERRY		EXTENSION TO FAMILIES-EXT	
CO-PI	SWEERS, RENEE		EXTENSION TO FAMILIES-EXT	
\$41,309	METABOLIC TECHNOLOGIES, INC			400-28-20
111711	EFFICACY OF A NEW DELIVERY SYSTEM FOR β -HYDROXY- β -METHYLBUTYRATE			
	7/1/10 to 5/31/12	RESEARCH		
	SHARP, RICKEY		KINESIOLOGY-HS	
\$40,000	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-99
111627	UNDERSTANDING THE USAGE PATTERNS AND MOST DESIRABLE CHARACTERISTICS OF IOWA'S RIVERS AND STREAMS: PHASE 2			
	6/17/09 to 8/31/11	RESEARCH		
	HERRIGES, JOSEPH		ECONOMICS-AES/CALS	

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\$40,000	IOWA DEPARTMENT OF NATURAL RESOURCES	473-42-99
111627	UNDERSTANDING THE USAGE PATTERNS AND MOST DESIRABLE CHARACTERISTICS OF IOWA'S RIVERS AND STREAMS: PHASE 2 6/17/09 to 8/31/11 RESEARCH CO-PI KLING, CATHERINE ECONOMICS-AES/CALS	
\$39,521	UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN	404-20-26
106488	BIO-INSPIRED FLEXIBLE CELLULAR ACTUATING/SENSING SYSTEMS 8/1/10 to 2/28/11 RESEARCH BASTAWROS, ASHRAF AEROSPACE ENGINEERING-ENGR	
\$38,000	FEDERAL AVIATION ADMINISTRATION	437-65-61
111532	NONDESTRUCTIVE INSPECTION RESEARCH OF COMPOSITE MATERIALS USED ON COMMERCIAL FLEET: INFRARED IMAGING FOR DEFECT DETECTION IN AIRCRAFT STRUCTURES USING CHAOTIC AND BROADBAND SOUND EXCITATION 9/22/08 to 9/21/11 RESEARCH BRASCHE, LISA AIRWORTHINESS ASSURANCE CENTER OF EXCELLENCE - IPRT-VPR/ED	
\$35,000	TOYOTA MOTOR ENGINEERING AND MANUFACTURING	400-25-19
113708	INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH PROGRAM, CNDE MEMBERSHIP 10/18/10 to 10/17/11 RESEARCH THOMPSON, R. CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$34,125	CORPORATION FOR PUBLIC BROADCASTING	400-12-02
105786	FY10 COMMUNITY SERVICE GRANT 10/1/09 to 9/30/11 DEPT/ADMIN SUPPORT HERRINGTON, MARY GRACE WOI RADIO-VPBF	
\$33,794	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-51
87618	SUPPORT FOR THE IOWA GRAPE AND WINE INDUSTRY INSTITUTE 1/1/07 to 12/31/07 EXTENSION/PUBLIC MILLER, GERALD EXTENSION TO AGRICULTURAL & NATURAL RESOURCES CO-PI DHARMADHIKARI, MURLIDHAR FOOD SCIENCE & HUMAN NUTRITION	

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	\$30,000	IOWA SOYBEAN ASSOCIATION		450-41-20
107971		APHID-CROP INTERACTIONS		
		10/1/10 to 9/30/11	RESEARCH	
		MILLER, WYATT	PLANT PATHOLOGY-AES/CALS	
	CO-PI	BONNING, BRYONY	ENTOMOLOGY-AES/CALS	
	\$30,000	SCHOOL ADMINISTRATORS OF IOWA		404-28-28
113288		EVALUATION OF THE IOWA STATEWIDE PARENTAL INFORMATION RESOURCE CENTER (PIRC) INITIATIVES		
		10/1/10 to 9/30/11	RESEARCH	
		GALLOWAY, ROBIN	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
	CO-PI	KEMIS, MARI	RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
	\$30,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION		405-40-21
113423		TAL NUCLEASES FOR PIG GENOME MODIFICATION		
		10/1/10 to 7/31/11	RESEARCH	
		ROSS, JASON	ANIMAL SCIENCE-AES/CALS	
	CO-PI	YANG, BING	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
	\$29,973	CLARKE UNIVERSITY		400-21-28
108382		STATISTICAL ANALYSIS OF HIV TIMECOURSE DATA		
		7/1/10 to 8/31/11	RESEARCH	
		DORMAN, KARIN	STATISTICS-LAS	
	\$29,228	IOWA DEPARTMENT OF TRANSPORTATION		474-17-43
111839		EVALUATING THE EFFECTIVENESS OF THE CITY OF DES MOINES LED PEDESTRIAN CROSSING TREATMENTS ON MULTI-LANE ROADWAYS		
		10/22/10 to 6/30/12	RESEARCH	
		HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	SMADI, OMAR	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$25,200	IOWA DEPARTMENT OF TRANSPORTATION	474-17-81
84837	MATERIALS AND CONSTRUCTION OPTIMIZATION FOR PREVENTION OF PREMATURE PAVEMENT DISTRESS IN PCC PAVEMENTS 1/1/06 to 12/31/06 RESEARCH GROVE, JAMES INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$20,000	DOW AGROSCIENCES, LLC	400-43-02
107742	EVALUATION OF A NEW FORMULATION OF NITRAPYRIN 4/20/10 to 4/19/12 RESEARCH KILLORN, RANDY AGRONOMY-AES/CALS	
\$20,000	QUAD CITY MANUFACTURING LABORATORY	404-25-50
111381	IOWA POWDER ATOMIZATION TECHNOLOGIES 1/20/10 to 7/31/10 RESEARCH ANDERSON, IVER MATERIALS SCIENCE & ENGINEERING-ENGR	
\$20,000	MISSISSIPPI STATE UNIVERSITY	404-28-25
112039	EVALUATION OF THE ATOMS2XP PROGRAM 8/15/10 to 6/30/11 RESEARCH ANDERSON, MARY RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS CO-PI KEMIS, MARI RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$19,543	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-68
108156	BUDGETS FOR VEGETABLE CROP PRODUCTION IN HIGH TUNNELS 11/1/10 to 11/1/11 EXTENSION/PUBLIC HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT CO-PI NAEVE, LINDA VALUE ADDED AGRICULTURE-EXT	
\$18,012	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	404-25-29
107631	TECHNOLOGY EVALUATION FOR AIRCRAFT MAINTENANCE TRAINING 9/1/10 to 8/31/11 RESEARCH WINER, ELIOT MECHANICAL ENGINEERING-ENGR	

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	\$16,000 NATIONAL SCIENCE FOUNDATION		420-21-06
111903	REU SUPPLEMENT FOR THE PROJECT "CAREER: ON MUTUALISM OF MODULARITY AND CONCURRENCY GOALS"		
	11/12/10 to 6/30/11 RESEARCH		
	RAJAN, HRIDESH	COMPUTER SCIENCE-LAS	
	\$15,000 IOWA DEPARTMENT OF TRANSPORTATION		474-17-45
111052	EVALUATING THE EFFECTIVENESS OF RED LIGHT RUNNING CAMERA ENFORCEMENT IN CEDAR RAPIDS AND DEVELOPING GUIDELINES FOR SELECTION AND USE OF RED LIGHT RUNNING COUNTERMEASURES		
	10/22/10 to 11/30/11 RESEARCH		
	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI MCDONALD, THOMAS	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	\$15,000 ARIZONA STATE UNIVERSITY		400-20-12
111721	POWER SYSTEMS ENGINEERING RESEARCH CENTER (PSERC) ADMINISTRATIVE FUND, I/UCRC		
	8/16/10 to 8/15/11 RESEARCH		
	MCCALLEY, JAMES	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
	\$14,000 CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION		404-20-74
107767	ADVANCED MECHANOCHEMISTRY: A NEW PARADIGM IN ULTRA-HIGH CAPACITY HYDROGEN STORAGE MATERIALS FOR MOBILE FUEL CELL APPLICATIONS		
	11/15/10 to 11/16/12 RESEARCH		
	PECHARSKY, VITALIJ	MATERIALS SCIENCE & ENGINEERING-ENGR	
	\$12,778 IOWA DEPARTMENT OF TRANSPORTATION		474-21-01
108334	FIRE, SEED ADDITION, AND COMMUNITY ASSEMBLY EFFECTS ON PRAIRIE ESTABLISHMENT		
	8/13/10 to 12/31/11 RESEARCH		
	WILSEY, BRIAN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI MARTIN, LEANNE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	\$12,600 DEPARTMENT OF AGRICULTURE, NIFA		417-30-09
106432	IOWA VITALITY CENTER		
	7/1/10 to 6/30/11 EXTENSION/PUBLIC		
	EDELMAN, MARK	ECONOMICS-EXT	

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	\$12,226	GOODRICH ENGINE		400-20-11
111633		DEVELOPMENT OF ADVANCED FLOW DIAGNOSTIC TECHNIQUES TO CHARACTERIZE NEXT GENERATION FUEL NOZZLES		
	1/1/11	to 6/30/11	RESEARCH	
	HU, HUI		AEROSPACE ENGINEERING-ENGR	
	\$10,736	POLK COUNTY AGRICULTURAL EXTENSION DISTRICT		400-30-60
111822		AFTER SCHOOL GIRLS PROGRAM		
	9/1/10	to 6/30/11	EXTENSION/PUBLIC	
	PETERSON, MARC		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	\$9,922	UNIVERSITY OF MINNESOTA		410-40-28
106363		EVALUATING CANOLA AND WINTER COVER IN ALTERNATIVE CROPPING SYSTEMS IN IOWA		
	9/1/10	to 8/13/13	RESEARCH	
	WIEDENHOEFT, MARY		AGRONOMY-AES/CALS	
CO-PI	GAILANS, STEFANS		AGRONOMY-AES/CALS	
	\$8,033	MICHIGAN STATE UNIVERSITY		410-30-63
111745		DEVELOPMENT OF NATIONAL AIR QUALITY SELF-ASSESSMENT TOOL FOR LIVESTOCK PRODUCERS		
	12/1/10	to 7/31/11	EXTENSION/PUBLIC	
	LAWRENCE, JOHN		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
CO-PI	RIECK-HINZ, ANGELA		AGRONOMY-EXT	
	\$7,631	CENTERVILLE COMMUNITY SCHOOLS		400-30-46
113033		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	
	\$6,635	PERMEATE REFINING, LLC		400-75-49
113592		PURIFYING FOOD-GRADE ALCOHOL FURTHER WITH THE MELLO3Z PROCESS OF OZONATION AND GRANULAR ACTIVATED CARBON		
	4/19/10	to 4/30/11	RESEARCH	
	KOZIEL, JACEK		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	CAI, LINGSHUANG		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	

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\$4,493	UNIVERSITY OF ILLINOIS		404-20-52
96988	BIOCHEMICAL, BIOMECHANICAL AND MORPHOLOGICAL PROPERTIES OF QUANTITATIVE ULTRASOUND		
	9/20/09 to 8/31/11	RESEARCH	
	BIGELOW, TIMOTHY	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$4,163	COMMUNITY FOUNDATION OF GREATER DUBUQUE		400-30-46
113515	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	
\$4,163	BLACK HAWK COUNTY AGRICULTURAL EXTENSION DISTRICT		400-30-46
113556	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	
\$3,778	KIRKWOOD COMMUNITY COLLEGE		404-28-27
105678	USING 21ST CENTURY STRATEGIES TO EDUCATE HEARTLAND EARLY CHILDHOOD PARAEDUCATORS		
	8/23/10 to 8/22/11	RESEARCH	
	MAUDE, SUSAN	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$3,600	ASHLAND, INC		400-20-15
111727	FIBERGLASS REINFORCED POLYMER FROM AGRICULTURAL OILS		
	1/1/11 to 12/31/11	RESEARCH	
	KESSLER, MICHAEL	MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	LAROCK, RICHARD	CHEMISTRY-LAS	
\$3,150	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT		478-40-02
113314	FOOD SCIENCE AND INDUSTRY NETWORK		
	9/17/10 to 11/20/10	INSTRUCTION/TRAINING	
	MACDONALD, RUTH	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	

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\$2,565	IOWA DEPARTMENT OF EDUCATION	472-28-17
113156	PREPARATION OF MATERIALS FOR GRANT SUBMISSION-014911	
	7/26/10 to 8/9/10 RESEARCH	
	GALLOWAY, ROBIN RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$1,901	IOWA DEPARTMENT OF NATURAL RESOURCES	473-21-12
111054	PHASE 1 ARCHAEOLOGICAL SURVEY	
	7/1/10 to 6/30/11 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$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	
\$1,000	NATIONAL INSTITUTES OF HEALTH	430-46-26
98874	STRATEGIES OF LENTIVIRUS PERSISTENCE	
	2/1/10 to 1/31/11 RESEARCH	
	CARPENTER, SUSAN ANIMAL SCIENCE-AES/CALS	
CO-PI	DORMAN, KARIN STATISTICS-LAS	
\$650	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	