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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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\$525,000	DUPONT DANISCO CELLULOSIC ETHANOL LLC	400-40-68
115749	ASSESSMENT OF PRODUCTION LOGISTICS, BIOMASS QUALITY, AND STORAGE CHARACTERISTICS OF A CORN STOVER BASED BIOMASS FEEDSTOCK SUPPLY CHAIN 8/1/11 to 12/31/12 RESEARCH DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$492,058	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	471-30-54
117213	WATER AND NUTRIENT RESEARCH: IN-FIELD AND OFFSITE STRATEGIES 1/1/12 to 12/31/12 RESEARCH HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT CO-PI CRUMPTON, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$371,562	MICHIGAN STATE UNIVERSITY	404-40-87
116567	ENHANCING BIOLOGICAL NITROGEN FIXATION OF LEGUMINOUS CROPS GROWN ON DEGRADED SOILS IN UGANDA, RWANDA, AND TANZANIA 10/1/11 to 9/28/12 RESEARCH WESTGATE, MARK AGRONOMY-AES/CALS	
\$367,150	NSF-NATIONAL SCIENCE FOUNDATION	420-18-03
90658	GRADUATE RESEARCH FELLOWSHIP PROGRAM 8/15/07 to 7/31/12 RESEARCH HOLGER, DAVID GRADUATE COLLEGE	
\$265,588	CORPORATION FOR PUBLIC BROADCASTING	400-12-06
117182	FY 2012 COMMUNITY SERVICE GRANT 10/1/11 to 9/30/13 DEPT/ADMIN SUPPORT HERRINGTON, MARY GRACE WOI RADIO-VPBF	
\$250,000	SBA-U.S. SMALL BUSINESS ADMINISTRATION	435-08-23
115657	FY 2012 SBA COOPERATIVE AGREEMENT 10/1/11 to 9/30/12 EXTENSION/PUBLIC HECKMANN, JAMES BUSINESS ADMINISTRATION-BUS	

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\$225,000 USDA-RURAL DEVELOPMENT (RD)

412-40-37

115827 IOWA ALLIANCE FOR COOPERATIVE BUSINESS DEVELOPMENT

12/31/11 to 1/1/13 EXTENSION/PUBLIC

JARBOE, DARREN CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS
CO-PI ARTZ, GEORGEANNE ECONOMICS-AES/CALS
CO-PI KIMLE, KEVIN ECONOMICS-AES/CALS

\$213,871 NSF-NATIONAL SCIENCE FOUNDATION

420-25-04

114953 NOVEL HYBRID INORGANIC ORGANIC TANDEM JUNCTION SOLAR CELLS

12/15/11 to 9/30/12 RESEARCH

DALAL, VIKRAM ELECTRICAL & COMPUTER ENGINEERING-ENGR
CO-PI SHINAR, RUTH MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED
CO-PI JEFFRIES-EL, MALIKA CHEMISTRY-LAS

\$199,707 GENERAL ELECTRIC

400-20-36

116635 AN EXPERIMENTAL INVESTIGATION ON FILM COOLING DESIGNS

10/1/11 to 9/30/12 RESEARCH

HU, HUI AEROSPACE ENGINEERING-ENGR
CO-PI WANG, ZHI AEROSPACE ENGINEERING-ENGR

\$174,338 NSF-NATIONAL SCIENCE FOUNDATION

420-60-24

115803 EAGER: BIO-INSPIRED THIN AND FLAT SOLAR CONCENTRATOR

1/1/12 to 12/31/13 RESEARCH

KIM, JAEYOUN ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$160,000 HARRISVACCINES INC

410-40-34

114429 REPLICON PARTICLE VACCINE FOR WHITE SPOT SYNDROME VIRUS IN MARINE SHRIMP

9/1/11 to 8/31/13 RESEARCH

HOGBERG, MAYNARD ANIMAL SCIENCE-AES/CALS

\$150,000 IOWA DEPARTMENT OF TRANSPORTATION

474-79-16

116342 OPTIMIZING PAVEMENT BASE, SUBBASE, AND SUBGRADE LAYERS FOR COST AND PERFORMANCE ON LOCAL ROADS

11/22/11 to 11/14/13 RESEARCH

CAACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$150,000 IOWA DEPARTMENT OF TRANSPORTATION

474-79-16

116342 OPTIMIZING PAVEMENT BASE, SUBBASE, AND SUBGRADE LAYERS FOR COST AND PERFORMANCE ON LOCAL ROADS

11/22/11 to 11/14/13 RESEARCH

CO-PI WHITE, DAVID CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI CEYLAN, HALIL CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$149,984 WELLMARK FOUNDATION

400-30-40

116203 IMMERSION IN WELLNESS AT THE IOWA 4-H CENTER

12/1/11 to 11/30/13 EXTENSION/PUBLIC

LITCHFIELD, RUTH FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI LANNINGHAM-FOSTER, LORRAINE FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI FOSTER, RANDAL FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI CAMPBELL, CHRISTINA FOOD SCIENCE & HUMAN NUTRITION-HS

\$149,958 IOWA DEPARTMENT OF TRANSPORTATION

474-79-12

116249 DEVELOPMENT OF BIO-BASED POLYMERS FOR USE IN ASPHALT

11/22/11 to 4/30/13 RESEARCH

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

\$135,000 NSF-NATIONAL SCIENCE FOUNDATION

420-21-98

113994 MECHANISMS OF PLANT STEROID HORMONE REGULATED GENE EXPRESSION IN ARABIDOPSIS

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

YIN, YANHAI GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

\$131,873 UNIVERSITY OF NORTHERN IOWA

475-20-41

117174 PROJECT LEAD THE WAY (PLTW) EXPANSION

6/1/11 to 5/31/12 MISCELLANEOUS

ZACHARY, LOREN AEROSPACE ENGINEERING-ENGR
CO-PI SCHROEDER, CAMILLE ENGINEERING ADMINISTRATION-ENGR

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\$120,008 ED-U.S. DEPARTMENT OF EDUCATION

432-57-11

116617 PELL GRANT, FY12

7/1/11 to 6/30/12 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$106,450 INTEL FOUNDATION

400-20-33

104373 PACKAGE/DIE INTERACTION IN LAYERED MEDIA SUBSTRATES

1/1/10 to 12/31/12 RESEARCH
SONG, JIMING ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$106,323 IOWA DEPARTMENT OF HUMAN SERVICES

470-28-46

117128 CHILD SUPPORT TRAINING BOC-12-005, FIRST AMENDMENT

12/1/11 to 6/30/12 EXTENSION/PUBLIC
HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS
CO-PI MELBY, JANET HUMAN DEVELOPMENT & FAMILY STUDIES-HS

\$103,869 VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY

410-40-27

114280 ENGAGING THE NEW BIOLOGY: INTEGRATING QUANTITATIVE GENETICS AND GENOMICS IN ANIMAL BREEDING
GRADUATE LEARNING

9/1/11 to 8/31/14 INSTRUCTION/TRAINING
DEKKERS, JACK ANIMAL SCIENCE-AES/CALS

\$100,000 BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LA

404-25-14

116644 JOINT ANALYSIS BY PNNL AND IOWA STATE UNIVERSITY

11/21/11 to 9/30/12 RESEARCH
HU, GUIPING INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
CO-PI BROWN, ROBERT MECHANICAL ENGINEERING-ENGR

\$99,966 IOWA DEPARTMENT OF TRANSPORTATION

474-79-15

116337 IHRB-11-03 REFLECTIVE CRACK-MITIGATION GUIDE FOR FLEXIBLE PAVEMENTS

11/22/11 to 10/31/13 RESEARCH
WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$80,000	NSF-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 12/31/14 RESEARCH YING, LEI ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$80,000	NSF-NATIONAL SCIENCE FOUNDATION	420-61-33
104330	CAREER: A COMPUTATIONAL FRAMEWORK FOR MAPPING LIGAND MIGRATION CHANNEL NETWORKS AND PREDICTING MOLECULAR CONTROL MECHANISMS 3/1/10 to 2/28/15 RESEARCH SONG, GUANG COMPUTER SCIENCE-LAS	
\$77,000	AMERICAN HEART ASSOCIATION	400-21-56
115738	TUNING THE NANOMECHANICS OF CADHERIN MEDIATED CELL-CELL ADHESION 1/1/12 to 12/31/12 RESEARCH SIVASANKAR, SANJEEVI PHYSICS & ASTRONOMY-LAS	
\$70,000	IOWA DEPARTMENT OF TRANSPORTATION	474-79-97
117210	PONTIS IMPLEMENTATION AND OPERATION: IOWA DOT 11/1/07 to 12/31/13 RESEARCH SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI ALDEMIR-BEKTAS, BASAK INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$68,069	NATIONAL PORK BOARD	453-40-25
115159	DIAGNOSIS OF SOW LAMENESS USING THE MICROCOMPUTER-BASED FORCE PLATE SYSTEM AND PATTERN RECOGNITION METHODS 12/15/11 to 12/15/12 RESEARCH STALDER, KENNETH ANIMAL SCIENCE-AES/CALS CO-PI HOFF, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS CO-PI KARRIKER, LOCKE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET CO-PI BUTTERS-JOHNSON, ANNA ANIMAL SCIENCE-AES/CALS CO-PI SUN, GANG AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	

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\$67,919	NORTH CAROLINA STATE UNIVERSITY	400-41-11
114934	TARGETING ROOT-KNOT AND RENIFORM NEMATODE PARASITISM GENES TO DEVELOP NOVEL RESISTANCE IN SOYBEAN	
	10/1/11 to 9/30/12 RESEARCH	
	BAUM, THOMAS PLANT PATHOLOGY-AES/CALS	
\$58,067	UCHICAGO ARGONNE LLC-ARGONNE NATIONAL LABORATORY	404-21-62
116907	APPLYING LAPPDS TO THE NEXT GENERATION NEUTRINO DETECTORS	
	12/1/11 to 11/30/12 RESEARCH	
	SANCHEZ, MAYLY PHYSICS & ASTRONOMY-LAS	
	CO-PI ANGHEL, IOANA PHYSICS & ASTRONOMY-LAS	
\$55,046	UNIVERSITY OF ARKANSAS	410-40-29
114447	SHELF-LIFE EXTENSION AND QUALITY ENCHANCEMENT OF CHEVON PRODUCTS: EVALUATION OF PLANT-DERIVED SOURCES OF NATURAL PRESERVATIVES AND LOW-DOSE IRRADIATION	
	9/1/11 to 8/31/12 RESEARCH	
	MENDONCA, AUBREY FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
	CO-PI AHN, DONG ANIMAL SCIENCE-AES/CALS	
\$52,643	FLORIDA INTERNATIONAL UNIVERSITY	404-20-66
113607	DEVELOPMENT OF A TWO-FLUID DRAG LAW FOR CLUSTERED PARTICLES USING DIRECT NUMERICAL SIMULATION AND VALIDATION THROUGH EXPERIMENTS	
	11/30/11 to 9/30/13 RESEARCH	
	SUBRAMANIAM, SHANKAR MECHANICAL ENGINEERING-ENGR	
\$52,000	DUPONT	400-33-11
117198	FIELD TRIAL EVALUATION OF DUPONT PRODUCTS ON CORN AND SOYBEAN	
	4/1/11 to 12/31/11 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$50,000	BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LA	404-40-35
113511	DIFFUSION ISSUES IN HANFORD SEDIMENTS	
	12/2/10 to 9/30/13 RESEARCH	
	EWING, ROBERT AGRONOMY-AES/CALS	

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\$50,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)		419-48-19
116976	RESEARCH SUPPORT AGREEMENT		
	10/1/11 to 9/30/12	RESEARCH	
	BLODGETT, SUE	ENTOMOLOGY-AES/CALS	
\$46,500	DANISCO UK LTD		400-40-96
117178	EFFECT OF XYLANASE OR BETAINES ALONE OR A COMBINATION OF XYLANASE/BETAINES ON GROWTH PERFORMANCE OF GROW/FINISH PIGS FED HIGHER FIBER BASED DIETS + PHYTASE		
	11/15/11 to 6/30/12	RESEARCH	
	PATIENCE, JOHN	ANIMAL SCIENCE-AES/CALS	
\$40,091	WOODBURY COUNTY EXTENSION OFFICE		410-30-38
114768	WOODBURY COUNTY BASICS FOR FY 2012		
	10/1/11 to 9/30/12	EXTENSION/PUBLIC	
	MCGILL, SHERRY	EXTENSION TO FAMILIES-EXT	
CO-PI	SWEERS, RENEE	EXTENSION TO FAMILIES-EXT	
\$40,000	DOD-OFFICE OF NAVAL RESEARCH (ONR)		421-25-01
111248	PHOTONIC NANOMETAMATERIALS (PHOTONANO)		
	7/15/10 to 9/30/13	RESEARCH	
	SOUKOULIS, COSTAS	PHYSICS & ASTRONOMY-LAS	
\$38,000	KRELL INSTITUTE INC		404-21-67
116991	COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP		
	9/1/11 to 8/31/12	FELLOWSHIP	
	GORDON, MARK	CHEMISTRY-LAS	
\$37,000	DOI-U.S. GEOLOGICAL SURVEY (USGS)		424-17-02
116383	CLIMATE CHANGE IMPACT EVALUATION CORALVILLE RESERVOIR EVALUATION, FY 2012		
	12/16/10 to 9/30/12	RESEARCH	
	CRUSE, RICHARD	AGRONOMY-AES/CALS	
CO-PI	ANDERSON, CHRISTOPHER	AGRONOMY-AES/CALS	

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\$34,260	IOWA DEPARTMENT OF PUBLIC HEALTH	478-30-93
116799	1-800 BETS OFF: IOWA GAMBLING TREATMENT PROGRAM HELPLINE	
	7/1/11 to 6/30/12 EXTENSION/PUBLIC	
	VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT	
\$31,764	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	419-40-17
105185	RISK OF WESTERN CORN ROOTWORM ADAPTATION TO TRANSGENIC CORN	
	5/18/10 to 2/28/13 RESEARCH	
	GASSMANN, AARON ENTOMOLOGY-AES/CALS	
\$30,623	NORTH CAROLINA STATE UNIVERSITY	404-43-82
117528	STRATEGIC HABITAT CONSERVATION IN PUERTO RICO	
	10/1/10 to 2/15/12 RESEARCH	
	DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$30,213	BATTELLE ENERGY ALLIANCE-IDAHO NATIONAL LABORATORY	404-40-28
117338	CORN STOVER SUPPLY AND DEMONSTRATION	
	12/8/11 to 9/30/12 RESEARCH	
	DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$30,000	ISU RESEARCH FOUNDATION	405-25-02
116723	PB-FREE SOLDER RESEARCH	
	10/15/11 to 6/30/12 RESEARCH	
	ANDERSON, IVER MATERIALS SCIENCE & ENGINEERING-ENGR	
\$29,970	TRANSTEC GROUP INC	404-17-17
113651	QUALITY ASSURANCE AND QUALITY CONTROL PROGRAM FOR CONCRETE PAVEMENTS	
	9/23/10 to 3/31/12 RESEARCH	
	TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$26,420 WASHINGTON STATE UNIVERSITY

410-23-10

116244 SURVEY OF AVIAN INFLUENZA VIRUS SUBTYPES IN MIGRATING WILD BIRDS

9/29/11 to 9/28/12 RESEARCH

YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

\$25,615 CHF INTERNATIONAL

427-23-01

116837 MONTENEGRO DAIRY VETERINARIAN TRAINING

11/6/11 to 11/23/11 MISCELLANEOUS

UHLENHOPP, ELDON VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

\$25,229 KANSAS STATE UNIVERSITY

404-20-49

113341 DEVELOPMENT AND IMPLEMENTATION OF A DISTANCE EDUCATION COURSE SEQUENCE THAT ADDRESSES THE NEED FOR ENGINEERS TRAINED IN PROBABILISTIC RISK ASSESSMENT AND FIRE PROTECTION

8/22/11 to 8/31/12 RESEARCH

HEISING, CAROLYN INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR

\$24,935 RTI INTERNATIONAL

400-25-04

116856 SUPPORT OF PHASED ARRAY INSPECTION DEVELOPMENT FOR TITANIUM BILLET

10/1/11 to 1/31/12 RESEARCH

BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

CO-PI GRAY, TIMOTHY CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

CO-PI ROBERTS, RONALD CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

\$23,860 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

419-48-29

117482 RESEARCH SUPPORT AGREEMENT

10/1/11 to 9/30/12 RESEARCH

BEITZ, DONALD ANIMAL SCIENCE-AES/CALS

\$23,736 NATIONAL PORK BOARD

453-30-07

117052 DEVELOPMENT OF SUBJECT MATTER CONTENT FOR PROFESSIONAL IN SWINE MANAGEMENT DISTANCE LEARNING CURRICULUM

11/10/11 to 12/31/11 EXTENSION/PUBLIC

MABRY, JOHN IOWA PORK INDUSTRY CENTER-EXT

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\$22,712	IOWA DEPARTMENT OF HUMAN RIGHTS			478-21-21
114252	IOWA'S JUVENILE JUSTICE AND MENTAL HEALTH COLLABORATION PROJECT			
	10/1/11 to 9/30/13	RESEARCH		
	BEHNKEN, MONIC		PSYCHOLOGY-LAS	
\$22,256	METABOLIC TECHNOLOGIES INC			400-28-20
117467	EFFICACY OF A NEW DELIVERY SYSTEM FOR β -HYDROXY- β -METHYLBUTYRATE-CONTINUATION AND NEW RESEARCH			
	7/1/10 to 12/31/12	RESEARCH		
	SHARP, RICKEY		KINESIOLOGY-HS	
\$20,837	IOWA DEPARTMENT OF PUBLIC HEALTH			478-21-12
117153	MOU-2012-ISU-NU01 BETWEEN THE IOWA DEPARTMENT OF PUBLIC HEALTH AND IOWA STATE UNIVERSITY			
	10/1/11 to 9/30/12	RESEARCH		
	SHELLEY, MACK		STATISTICS-LAS	
\$20,781	IOWA DEPARTMENT OF EDUCATION			472-30-07
114891	2011 TEAM NUTRITION TRAINING			
	10/1/11 to 9/30/13	EXTENSION/PUBLIC		
	STROHBEHN, CATHERINE		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT	
CO-PI	LITCHFIELD, RUTH		FOOD SCIENCE & HUMAN NUTRITION-EXT	
CO-PI	MARTIN, PEGGY		EXTENSION TO FAMILIES-EXT	
\$20,000	IA DPS-GOVERNORS TRAFFIC SAFETY BUREAU			478-17-17
117351	DEVELOPING A SAMPLING PLAN FOR THE SEAT BELT USE SURVEY-IOWA GOVENOR'S TRAFFIC SAFETY BUREAU			
	10/1/11 to 9/30/12	RESEARCH		
	HUCK, SHIRLEY		SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
\$19,711	PRATT & WHITNEY			400-25-02
117155	SUPPORT OF THERMAL INSPECTION ANALYSIS			
	11/1/11 to 12/31/11	RESEARCH		
	BRASCHE, LISA		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	HOLLAND, STEPHEN		AEROSPACE ENGINEERING-ENGR	

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\$18,546	UNIVERSITY OF NORTHERN IOWA		475-20-40
117021	ENHANCING AVIATION SAFETY AND EFFICIENCY USING AN INNOVATIVE SENSORY FEEDBACK		
	12/1/11 to 6/30/12	RESEARCH	
	KELKAR, ATUL	MECHANICAL ENGINEERING-ENGR	
\$16,875	IOWA LAKES COMMUNITY COLLEGE		400-28-11
117173	GRADUATE ASSISTANTSHIP AT ILCC		
	1/5/12 to 5/15/13	INSTRUCTION/TRAINING	
	EBBERS, LARRY	EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$14,940	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP		471-30-56
117243	IMPACTS OF CROP, BIOMASS HARVEST SYSTEMS, AND NUTRIENT MANAGEMENT OF YIELD AND SUBSURFACE DRAINAGE WATER QUALITY		
	12/6/11 to 12/31/12	EXTENSION/PUBLIC	
	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	MALLARINO, ANTONIO	AGRONOMY-EXT	
CO-PI	SAWYER, JOHN	AGRONOMY-EXT	
\$13,400	BASF CORPORATION		400-41-32
117068	EVALUATE TWO SETS OF BASF PRODUCTS AGAINST SOYBEAN WHITE MOLD		
	5/1/11 to 4/30/12	RESEARCH	
	YANG, XIAO	PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL	PLANT PATHOLOGY-AES/CALS	
\$13,200	BASF PLANT SCIENCE L P		400-33-11
117197	BASF PRODUCT EVALUATION ON CORN		
	4/1/11 to 12/31/11	RESEARCH	
	ROBERTSON, ALISON	PLANT PATHOLOGY-AES/CALS	
\$12,108	IOWA DEPARTMENT OF HUMAN SERVICES		470-30-23
117120	PROJECT RECOVERY IOWA		
	11/11/11 to 9/30/12	EXTENSION/PUBLIC	
	VANGINKEL, MARGARET	EXTENSION TO FAMILIES-EXT	

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\$11,408 WINN FELINE FOUNDATION

400-23-18

115720 ASSESSMENT OF THE SAFETY AND CLINICAL UTILITY OF A CAT IMAGING TUBE AND OXYGEN CHAMBER

12/15/11 to 7/13/12 RESEARCH

ZURLINDEN, ROBIN VETERINARY CLINICAL SCIENCES-VET
CO-PI STONE, RICHARD INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
CO-PI RIEDESEL, ELIZABETH VETERINARY CLINICAL SCIENCES-VET
CO-PI RIEDESEL, DEAN VETERINARY CLINICAL SCIENCES-VET

\$11,396 BASF CORPORATION

400-41-61

116798 TERMITICIDE MOBILITY IN SOIL

10/20/11 to 6/1/12 RESEARCH
COATS, JOEL ENTOMOLOGY-AES/CALS

\$11,065 ED-U.S. DEPARTMENT OF EDUCATION

432-57-09

116616 TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY12

7/1/11 to 6/30/12 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$11,000 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

419-48-07

116974 RESEARCH SUPPORT AGREEMENT

10/1/11 to 9/30/12 RESEARCH
BAUM, THOMAS PLANT PATHOLOGY-AES/CALS

\$10,000 UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABOR

404-25-32

117410 SYNTHESIS OF STANNYLATED ROSAMINES

1/1/11 to 6/30/12 RESEARCH
KRAUS, GEORGE CHEMISTRY-LAS

\$9,000 ALPHASENSE INC

404-25-13

116940 NONDESTRUCTIVE MATERIAL CASE DEPTH VERIFICATION, PHASE 1-B

9/15/11 to 11/15/11 RESEARCH
BOWLER, JOHN ELECTRICAL & COMPUTER ENGINEERING-ENGR

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\$7,000	VALENT USA CORPORATION	400-33-11
117192	EVALUATION OF SEED TREATMENTS ON SOYBEAN	
	4/1/11 to 12/31/11 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$6,770	ISU RESEARCH FOUNDATION	405-40-02
117488	RNA-SEQ EXPERIMENT IN SUPPORT OF ISURF #03200	
	8/1/11 to 2/29/12 RESEARCH	
	SCHNABLE, PATRICK AGRONOMY-AES/CALS	
\$5,500	FMC CORPORATION	400-41-32
117157	TO EXAMINE THE EFFECT OF CADET APPLICATION ON WHITE MOLD ON SOYBEAN YIELD	
	5/1/11 to 5/1/12 RESEARCH	
	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
	CO-PI NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
\$5,000	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	437-65-13
116385	FAA AVIATION SAFETY INSPECTION (ASI) NONDESTRUCTIVE INSPECTION (NDI) COURSE UPDATE	
	12/7/11 to 9/30/12 INSTRUCTION/TRAINING	
	BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
	CO-PI EISENMANN, DAVID CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$4,000	SYNGENTA CROP PROTECTION INC	400-41-51
117417	CALIBRATION OF FERTILIZER SPREADERS	
	12/6/11 to 12/31/11 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
\$3,780	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	419-48-28
117481	RESEARCH SUPPORT AGREEMENT	
	10/1/11 to 9/30/12 RESEARCH	
	BEITZ, DONALD ANIMAL SCIENCE-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

277

\$2,000	PEACE CORPS			428-18-06
117163	PEACE CORPS WORK STUDY ASSISTANT			
	8/1/11 to 6/10/12	MISCELLANEOUS		
	NELSON, TREVOR		STUDY ABROAD CENTER-PROV	
\$2,000	CHEMINOVA INC			400-33-11
117194	EVALUATION OF FUNGICIDES FOR WHITE MOLD CONTROL			
	4/1/11 to 12/31/11	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS	
\$1,927	IOWA SOYBEAN ASSOCIATION			450-42-27
117177	DEVELOPING A MONITORING PLAN THAT ASSESSES LANDOWNER AND PRODUCER ENGAGEMENT FOR FISHERS AND FARMERS PARTNERSHIP-FUNDED NFHAP PROJECTS			
	10/1/11 to 9/30/12	EXTENSION/PUBLIC		
	SCHULTE, LISA		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	KNOOT, TRICIA		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$1,718	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			419-48-30
117420	RESEARCH SUPPORT AGREEMENT			
	10/1/11 to 9/30/12	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	
\$1,686	UNIVERSITY OF NORTHERN IOWA			475-40-08
117167	HORNBUCKLE TRAVEL EPSCOR RID YR 3 2011-12			
	12/1/11 to 6/30/12	RESEARCH		
	HORNBUCKLE, BRIAN		AGRONOMY-AES/CALS	