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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$1,871,943	ARMY RESEARCH LABORATORY	421-25-10
<b>93738</b>	MATERIALS TECHNOLOGY AND DEVELOPMENT FOR ARMY FUTURE COMBAT SYSTEMS: NONDESTRUCTIVE EVALUATION AND PROCESS OPTIMIZATION FOR ADVANCED ARMOR APPLICATIONS 9/30/10 to 9/29/11 RESEARCH	
	ROLLINS, DERRICK	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI	THOMPSON, R.	MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
\$1,050,462	DEPARTMENT OF ENERGY	401-25-01
<b>93016</b>	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY 11/1/08 to 12/31/11 RESEARCH KING, ALEXANDER	AMES LABORATORY
\$991,000	DEPARTMENT OF ENERGY	401-21-21
<b>99177</b>	INVESTIGATIONS IN EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS 11/1/00 to 10/31/11 RESEARCH	
	KRENNRICH, FRANK	PHYSICS & ASTRONOMY-LAS
CO-PI	CARTER-LEWIS, DAVID	PHYSICS & ASTRONOMY-LAS
CO-PI	VALENCIA, GERMAN	PHYSICS & ASTRONOMY-LAS
CO-PI	WHISNANT, KERRY	PHYSICS & ASTRONOMY-LAS
CO-PI	HAUPTMAN, JOHN	PHYSICS & ASTRONOMY-LAS
CO-PI	COCHRAN, JAMES	PHYSICS & ASTRONOMY-LAS
CO-PI	PRELL, SOEREN	PHYSICS & ASTRONOMY-LAS
CO-PI	ATWOOD, DAVID	PHYSICS & ASTRONOMY-LAS
\$827,474	OFFICE OF NAVAL RESEARCH	421-23-01
<b>79248</b>	NOVEL THERAPIES FOR PNEUMONIC PLAGUE TARGETING QUORUM SENSING COMPONENTS 9/26/10 to 9/30/11 RESEARCH	
	MINION, FRANK	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	WANNEMUEHLER, MICHAEL	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	PHILLIPS, GREGORY	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	NORDMAN, DANIEL	STATISTICS
CO-PI	NARASIMHAN, BALAJI	CHEMICAL & BIOLOGICAL ENGINEERING
CO-PI	RAJAN, KRISHNA	MATERIALS SCIENCE & ENGINEERING

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$672,839 AVELLO BIOENERGY, INC

400-72-06

**111487** DEMONSTRATION OF PYROLYSIS BASED BIOREFINERY CONCEPT FOR BIOPOWER, BIOMATERIALS AND BIOCHAR

12/1/10 to 12/31/14 RESEARCH

MEYER, TERRENCE MECHANICAL ENGINEERING-ENGR  
CO-PI BROWN, ROBERT MECHANICAL ENGINEERING-ENGR  
CO-PI DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS  
CO-PI KONG, SONG-CHARNG MECHANICAL ENGINEERING-ENGR  
CO-PI WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

\$637,000 DEPARTMENT OF ENERGY

401-21-09

**99841** RELATIVISTIC HEAVY ION PHYSICS

11/15/91 to 11/14/11 RESEARCH

HILL, JOHN PHYSICS & ASTRONOMY-LAS  
CO-PI LAJOIE, JOHN PHYSICS & ASTRONOMY-LAS  
CO-PI OGILVIE, CRAIG PHYSICS & ASTRONOMY-LAS  
CO-PI ROSATI, MARZIA PHYSICS & ASTRONOMY-LAS

\$415,859 ALLIANCE FOR SUSTAINABLE ENERGY, LLC, NATIONAL RENEWABLE ENERGY LABORATORY

444-17-01

**104478** NATIONAL ADVANCED BIOFUELS CONSORTIUM

12/1/10 to 9/15/11 RESEARCH

BROWN, ROBERT MECHANICAL ENGINEERING-ENGR  
CO-PI SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR  
CO-PI BIRRELL, STUART AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS  
CO-PI DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$400,000 BOARD OF REGENTS, STATE OF IOWA

475-23-12

**113305** ISU VET MED FOR MEDICAL EQUIPMENT AT BLANK PARK ZOO

7/1/10 to 6/30/11 EQUIPMENT

THOMSON, JOHN VETERINARY ADMINISTRATION-VET

\$320,000 IOWA DEPARTMENT OF TRANSPORTATION

474-77-03

**113218** IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP)

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

KNAPP, KEITH INSTITUTE FOR TRANSPORTATION-VPR/ED

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$320,000 IOWA DEPARTMENT OF TRANSPORTATION

474-77-03

**113218** IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP)

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

CO-PI MCDONALD, THOMAS INSTITUTE FOR TRANSPORTATION-VPR/ED  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$265,838 PFIZER, INC

400-41-98

**113433** IDENTIFICATION OF GENETIC DRUG TARGETS FOR RESIDUAL FEED INTAKE

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

ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS  
CO-PI DEKKERS, JACK ANIMAL SCIENCE-AES/CALS

\$250,000 IOWA DEPARTMENT OF TRANSPORTATION

474-79-04

**111814** IMPROVING ACCURACY OF THE DEFLECTION AND CAMBER PREDICTIONS FOR PRESTRESSED CONCRETE BRIDGE GIRDERS

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

SRITHARAN, SIVALINGAM CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI ROUSE, JON CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI WIPF, TERRY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$248,821 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

\$234,000 DEPARTMENT OF AGRICULTURE, NIFA

416-41-02

**108063** GENOMICS FOR RESISTANCE TO DISEASE IN ANIMALS: AN INTEGRATED EDUCATIONAL APPROACH

1/1/11 to 12/31/15 INSTRUCTION/TRAINING

LAMONT, SUSAN ANIMAL SCIENCE-AES/CALS  
CO-PI CARPENTER, SUSAN ANIMAL SCIENCE-AES/CALS  
CO-PI ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS  
CO-PI TUGGLE, CHRIS ANIMAL SCIENCE-AES/CALS

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$200,000 AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

421-20-39

**92859** DESIGN AND DEVELOPMENT OF NOVEL HIERARCHICALLY ORDERED BLOCK COPOLYMER/MAGNETOELECTRIC PARTICLE NANOCOMPOSITES

12/1/10 to 11/30/11 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

\$191,624 IOWA DEPARTMENT OF PUBLIC HEALTH

478-30-74

**113165** HEALTHY FAMILIES TEENLINE FY 2011

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

VANGINKEL, MARGARET

EXTENSION AREA - CENTRAL-EXT

\$190,891 UNIVERSITY OF FLORIDA

410-30-71

**106289** AN INTEGRATED DECISION SUPPORT SYSTEM FOR TIMING FUNGICIDE APPLICATIONS FOR CONTROL OF STRAWBERRY DISEASES

9/1/10 to 8/31/14 RESEARCH

GLEASON, MARK

PLANT PATHOLOGY-EXT

CO-PI DOMOTO, PAUL

HORTICULTURE-EXT

CO-PI TAYLOR, STERLING

AGRONOMY-EXT

CO-PI DUFFY, MICHAEL

ECONOMICS-EXT

\$179,392 JOSEPHSON INSTITUTE OF ETHICS

400-28-17

**113163** TUS VALORES CUENTAN IMPLEMENTATION IN PUERTO RICO EVALUATION

8/13/10 to 8/31/13 RESEARCH

GALLOWAY, ROBIN

RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS

\$172,354 DUPONT DANISCO CELLULOSIC ETHANOL

400-40-44

**111836** DEMONSTRATION SCALE HARVEST QUALITY, STORAGE, AND HARVEST LOGISTICS STUDY

9/1/10 to 12/31/11 RESEARCH

DARR, MATTHEW

AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$169,421	PFIZER ANIMAL HEALTH			400-23-31
<b>111349</b>	SYSTEMS MODEL TO EVALUATE THE RISK AND BENEFITS OF E. COLI O157:H7 VACCINATION IN BEEF CATTLE			
	7/1/10 to 7/31/11	RESEARCH		
	HURD, HOWARD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	JENSEN, HELEN		ECONOMICS-AES/CALS	
\$144,574	WEST LIBERTY ECONOMIC DEVELOPMENT			400-30-20
<b>111448</b>	LEADERSHIP FOR WEST LIBERTY ECONOMIC DEVELOPMENT GROUP			
	7/1/10 to 6/30/13	EXTENSION/PUBLIC		
	BORICH, TIMOTHY		EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT	
\$129,540	IOWA DEPARTMENT OF NATURAL RESOURCES			473-20-08
<b>111753</b>	2012 CLEAN WATERSHED NEEDS SURVEY			
	11/21/10 to 12/31/12	RESEARCH		
	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$125,857	VETERANS ADMINISTRATION			428-23-07
<b>113563</b>	GROWTH FACTOR TREATMENT OF VISUAL LOSS			
	10/1/10 to 3/31/11	RESEARCH		
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES-VET	
\$120,979	DEPARTMENT OF EDUCATION			432-12-04
<b>99243</b>	CAMPUS CHILDCARE ACCESS MEANS PARENTS IN SCHOOL			
	10/1/10 to 9/30/11	INSTRUCTION/TRAINING		
	ESPINOZA, CARLA		HUMAN RESOURCE SERVICES-VPBF	
CO-PI	GRADEN, JULIA		CHILD CARE SERVICES-VPBF	
\$120,000	NATIONAL SCIENCE FOUNDATION			420-21-80
<b>111192</b>	ULTRAFAST MAGNETISM IN COMPLEX MATERIALS: COHERENT AND COOPERATIVE PHENOMENA			
	2/1/11 to 1/31/12	RESEARCH		
	WANG, JIGANG		PHYSICS & ASTRONOMY-LAS	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$117,815	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION	404-17-34
<b>98040</b>	COMMUNITY CONTEXT AND VIOLENCE: AFRICAN AMERICAN YOUTH TRANSITIONING TO ADULTHOOD	
	9/1/09 to 8/31/11 RESEARCH	
	CUTRONA, CAROLYN PSYCHOLOGY-LAS	
\$113,000	DEPARTMENT OF AGRICULTURE, APHIS	412-23-05
<b>111688</b>	SURVEY OF AVIAN INFLUENZA SUBTYPES IN MIGRATING WILD BIRDS	
	9/30/10 to 9/29/11 RESEARCH	
	YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$112,000	UNIVERSITY OF MISSOURI	410-40-91
<b>113028</b>	EFFECTIVENESS OF RIPARIAN FOREST BUFFERS IN HEADWATER WATERSHEDS OF THE WESTERN CORN BELT ECOREGION IN REGULATING NON-POINT SOURCE POLLUTION	
	9/1/09 to 8/31/11 RESEARCH	
	SCHULTZ, RICHARD NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
	CO-PI ISENHART, THOMAS NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$107,208	THE FERTILIZER INSTITUTE	410-30-69
<b>111863</b>	DEVELOPMENT OF EDUCATIONAL MATERIALS TO TRAIN INDIVIDUALS TO PREPARE AND UTILIZE SITE SPECIFIC NUTRIENT MANAGEMENT PLANS	
	12/1/10 to 9/30/13 EXTENSION/PUBLIC	
	SAWYER, JOHN AGRONOMY-EXT	
	CO-PI MALLARINO, ANTONIO AGRONOMY-EXT	
\$103,649	DEPARTMENT OF AGRICULTURE, NIFA	416-23-25
<b>106493</b>	MINOR USE ANIMAL DRUG PROGRAM, NORTH CENTRAL REGION	
	7/1/10 to 6/30/12 RESEARCH	
	GRIFFITH, RONALD VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$100,000	ROCKWELL COLLINS	400-20-21
<b>113224</b>	ON-THE-FLY LENS CALIBRATION FOR IMAGE NAVIGATION AND MAP-AIDED NAVIGATION	
	12/1/10 to 9/18/11 RESEARCH	
	SOMANI, ARUN ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$95,000	IOWA DEPARTMENT OF PUBLIC SAFETY			478-31-02
<b>113621</b>	GOVERNOR'S HIGHWAY TRAFFIC SAFETY CONFERENCE 2011			
	10/1/09 to 9/30/11	EXTENSION/PUBLIC		
	KIEFFER, JULIE		EXTENSION COMMUNICATIONS AND EXTERNAL RELATIONS-EXT	
\$91,419	INTEL FOUNDATION			400-20-33
<b>104373</b>	PACKAGE/DIE INTERACTION IN LAYERED MEDIA SUBSTRATES			
	1/1/10 to 12/31/11	RESEARCH		
	SONG, JIMING		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$75,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH			421-21-16
<b>92699</b>	POTENTIAL ENERGY SURFACES AND DYNAMICS FOR ENERGETIC IONIC LIQUIDS			
	12/1/10 to 11/30/11	RESEARCH		
	GORDON, MARK		CHEMISTRY-LAS	
\$72,000	DEPARTMENT OF AGRICULTURE, NIFA			416-23-21
<b>106709</b>	FOOD SYSTEMS VETERINARY MEDICINE FOR THE 21ST CENTURY			
	9/1/10 to 8/31/13	INSTRUCTION/TRAINING		
	HURD, HOWARD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	DANIELSON, JARED		VETERINARY PATHOLOGY-VET	
CO-PI	DICKSON, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	GEMMILL, DOUGLAS		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$69,246	IOWA SOYBEAN ASSOCIATION			450-30-30
<b>113665</b>	BEST MANAGEMENT PRACTICES TO BREAK THE SOYBEAN YIELD BARRIER			
	10/1/10 to 9/30/11	RESEARCH		
	LAWRENCE, JOHN		AGRICULTURE ADMINISTRATION-AES/CALS	
\$65,120	DEPARTMENT OF HEALTH AND HUMAN SERVICES, CDC			430-17-01
<b>98852</b>	ADOPTION AND IMPLEMENTATION SUPPORT INNOVATIONS FOR PROSPER PARTNERSHIP-BASED EBI DELIVERY NETWORK			
	9/15/10 to 9/14/11	RESEARCH		
	SPOTH, RICHARD		PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$59,808	CERES TRUST			400-40-57
<b>105067</b>	NO-TILL ORGANIC VEGETABLE PRODUCTION			
	1/1/10 to 12/31/12	RESEARCH		
	DELATE, KATHLEEN		HORTICULTURE-AES/CALS	
CO-PI	AL-KAISI, MAHDI		AGRONOMY-AES/CALS	
\$56,652	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			422-21-06
<b>99338</b>	INTERMEDIATE MASS STAR FORMATION-BRIDGING HIGH AND LOW-MASS REGIMES			
	1/1/10 to 12/31/12	RESEARCH		
	KERTON, CHARLES		PHYSICS & ASTRONOMY-LAS	
\$56,050	BASF CORPORATION			400-33-11
<b>113585</b>	FIELD TRIAL EVALUATION OF FUNGICIDES ON CORN (CF1, CF1C, CF2, CF3, CF4, CF703+907)			
	4/1/10 to 3/31/11	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS	
\$56,000	LOS ALAMOS NATIONAL SECURITY, LLC, LOS ALAMOS NATIONAL LABORATORY			404-20-82
<b>113831</b>	INCREASING COMBUSTION MODELING ACCURACY USING KIVA-4MPI			
	12/16/10 to 12/19/11	RESEARCH		
	KONG, SONG-CHARNG		MECHANICAL ENGINEERING-ENGR	
\$55,000	VETERANS ADMINISTRATION			428-23-12
<b>113558</b>	CHOLINERGIC DRUGS FOR REVERSAL OF VISUAL DEFICITS IN GLAUCOMA			
	10/1/10 to 5/15/11	RESEARCH		
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES-VET	
\$53,505	NATIONAL PORK BOARD			453-40-11
<b>108286</b>	EVALUATING THE SOURCES OF SALMONELLA AFTER CARCASS CHILLING			
	12/1/10 to 12/1/11	RESEARCH		
	DICKSON, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	HURD, HOWARD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	OCONNOR, ANNETTE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	MCKEAN, JAMES		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-EXT	



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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$50,000	BATELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST NATIONAL LABORATORY	404-40-35
<b>113511</b>	DIFFUSION ISSUES IN HANFORD SEDIMENTS	
	12/2/10 to 9/30/13 RESEARCH	
	EWING, ROBERT AGRONOMY-AES/CALS	
\$50,000	VETERANS ADMINISTRATION	428-23-05
<b>113564</b>	PREVENTION OF HEMORRHAGE AND DEATH AFTER TRAUMATIC BLAST INJURY (TBI)	
	10/1/10 to 5/30/11 RESEARCH	
	GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES-VET	
\$50,000	GRAIN PROCESSING CORPORATION	400-72-04
<b>113656</b>	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	12/1/10 to 11/30/11 RESEARCH	
	SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$46,405	HUVEPHARMA, INC	400-41-36
<b>113692</b>	THE EFFECTS OF HOSTAZYM ENZYME SUPPLEMENTATION ON PERFORMANCE AND NUTRIENT DIGESTIBILITY OF FIRST-CYCLE LAYING HENS FED VARIOUS CONCENTRATIONS OF DIETARY ENERGY	
	1/3/11 to 10/31/11 RESEARCH	
	PERSIA, MICHAEL ANIMAL SCIENCE-AES/CALS	
\$45,709	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	421-20-05
<b>88284</b>	COMBINATORIAL AND HIGH THROUGHPUT DISCOVERY OF HIGH TEMPERATURE PIEZOELECTRO CERAMICS	
	12/1/10 to 6/14/11 RESEARCH	
	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
	CO-PI TAN, XIAOLI MATERIALS SCIENCE & ENGINEERING	
\$45,000	FIRST	400-20-24
<b>113384</b>	FIRST LEGO LEAGUE PROGRAM	
	5/30/10 to 5/30/11 RESEARCH	
	JOHNSON, JOEL ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	
	CO-PI SCHROEDER, CAMILLE ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$42,625	IOWA VETERINARY MEDICAL ASSOCIATION			400-30-90
<b>107687</b>	INVESTIGATION OF WEAK CALF SYNDROME IN IOWA BEEF CATTLE HERDS			
	10/31/10 to 10/31/12	RESEARCH		
	DEWELL, GRANT		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COOPER, VICKIE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ENSLEY, STEVE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$40,750	DUPONT CROP PROTECTION			400-33-11
<b>113603</b>	FIELD TRIAL EVALUATION OF DUPONT FUNGICIDES			
	4/1/10 to 3/31/11	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS	
\$40,000	OFFICE OF NAVAL RESEARCH			421-25-01
<b>111248</b>	PHOTONIC NANOMETAMATERIALS (PHOTONANO)			
	7/15/10 to 9/30/13	RESEARCH		
	SOUKOULIS, COSTAS		PHYSICS & ASTRONOMY-LAS	
\$37,024	DEPARTMENT OF AGRICULTURE, FAS			412-40-24
<b>113472</b>	COCHRAN TRAINING, FOOD SAFETY RISK ASSESSMENT, CHINA, OCT. 30-NOV. 13, 2010			
	9/17/10 to 9/30/11	INSTRUCTION/TRAINING		
	DICKSON, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	OCONNOR, ANNETTE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	STROHBEHN, CATHERINE		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	HURD, HOWARD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$36,559	IOWA SOYBEAN ASSOCIATION			450-41-22
<b>107918</b>	SEQUENCING THE FUSARIUM VIRGULIFORMAE GENOME			
	10/1/10 to 9/30/11	RESEARCH		
	BHATTACHARYYA, MADAN		AGRONOMY-AES/CALS	
CO-PI	HUANG, XIAOQIU		COMPUTER SCIENCE-LAS	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$35,000	IOWA DEPARTMENT OF PUBLIC SAFETY			478-31-03
<b>113632</b>	DATA IMPROVEMENT GRANT			
	11/1/10 to 9/30/11	EXTENSION/PUBLIC		
	KIEFFER, JULIE		EXTENSION COMMUNICATIONS AND EXTERNAL RELATIONS-EXT	
\$34,925	COLLEGE OF CHARLESTON			404-21-39
<b>105707</b>	GROUND-BASED AND SPACE-BASED DIRECT IMAGING SURVEYS FOR EXTRASOLAR PLANETS			
	9/1/10 to 8/31/11	RESEARCH		
	MARENGO, MASSIMO		PHYSICS & ASTRONOMY-LAS	
\$33,843	UNIVERSITY OF CALIFORNIA			400-40-81
<b>106329</b>	CAP-AND-TRADE DESIGN AND POWER MARKET OUTCOMES			
	6/30/10 to 8/15/11	RESEARCH		
	BUSHNELL, JAMES		ECONOMICS-AES/CALS	
\$30,284	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-09
<b>113598</b>	DISTRIBUTION AND ABUNDANCE OF TOPEKA SHINERS IN WEST-CENTRAL IA			
	11/30/10 to 9/30/12	RESEARCH		
	QUIST, MICHAEL		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
	CO-PI PIERCE, CLAY		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$30,000	BOEING COMPANY			400-17-29
<b>113138</b>	NSF//UCRC CENTER FOR INFORMATION PROTECTION-BOEING			
	1/1/11 to 12/31/11	RESEARCH		
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$28,700	BASF CORPORATION			400-33-11
<b>105585</b>	IN-FIELD SCREENING OF FOLIAR FUNGICIDES ON CORN			
	4/1/09 to 3/31/10	EXTENSION/PUBLIC		
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$27,300	UNIVERSITY OF MINNESOTA			400-17-15
<b>113351</b>	MINNESOTA HORIZONTAL CURVE SAFETY IMPROVEMENT PROJECT			
	11/1/10 to 3/21/12	RESEARCH		
	KNAPP, KEITH		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$25,000	POET, LLC			400-72-04
<b>113646</b>	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	11/25/10 to 11/24/11	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$24,900	IOWA DEPARTMENT OF NATURAL RESOURCES			473-20-04
<b>113608</b>	ISU ENGINEERING INTERN-WASTEWATER ENGINEERING			
	12/1/10 to 12/31/11	RESEARCH		
	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$24,348	PFIZER, INC			400-23-40
<b>113429</b>	CHARACTERIZATION OF THE INTERACTION OF A GENE-DELETED MUTANT OF MYCOPLASMA BOVIS WITH MACROPHAGES			
	1/1/11 to 12/31/11	RESEARCH		
	ROSENBUSCH, RICARDO		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$23,649	IOWA DEPARTMENT OF EDUCATION			472-30-02
<b>107799</b>	TEAM NUTRITION: FARM TO SCHOOL			
	10/1/10 to 9/30/11	EXTENSION/PUBLIC		
	STROHBEHN, CATHERINE		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	LITCHFIELD, RUTH		FOOD SCIENCE & HUMAN NUTRITION-EXT	
\$20,000	CHEVRON PHILLIPS CHEMICAL COMPANY			400-72-05
<b>113717</b>	DIMETHYL PYROLE SYNTHESIS FROM HMF			
	10/10/10 to 12/15/10	RESEARCH		
	SHANKS, BRENT		CENTER FOR BUILDING ENERGY RESEARCH - IPRT-VPR/ED	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$19,000	DUPONT CROP PROTECTION				400-41-40
<b>113789</b>	SEED TREATMENT EFFICACY FIELD TRIALS				
	11/1/10 to 12/31/12	RESEARCH			
	MUNKVOLD, GARY		PLANT PATHOLOGY-AES/CALS		
\$18,161	DEPARTMENT OF AGRICULTURE, NIFA				416-23-08
<b>106774</b>	SOLVING PROBLEMS IN SUSTAINABLE AGRICULTURE AND FOOD SAFETY: HELPING FUTURE AGRICULTURAL PROFESSIONALS LEARN TO SOLVE COMPLICATED MULTI-DISCIPLINARY PROBLEMS				
	11/1/10 to 10/31/13	INSTRUCTION/TRAINING			
	DANIELSON, JARED		VETERINARY PATHOLOGY-VET		
CO-PI	BENDER, HOLLY		VETERINARY PATHOLOGY-VET		
CO-PI	VANDERZANDEN, ANN		HORTICULTURE-AES/CALS		
CO-PI	OSTOJIC, JELENA		VETERINARY PATHOLOGY-VET		
CO-PI	DEWELL, GRANT		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
CO-PI	DEWELL, RENEE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
CO-PI	OGILVIE, CRAIG		PHYSICS & ASTRONOMY-LAS		
\$18,009	UNIVERSITE LAVAL				400-41-26
<b>105908</b>	PRICE INCENTIVES FOR FOOD SAFETY				
	4/1/10 to 3/31/11	RESEARCH			
	POULIOT, SEBASTIEN		ECONOMICS-AES/CALS		
\$17,000	BASF CORPORATION				400-33-11
<b>113584</b>	FIELD TRIAL EVALUATION OF SOYBEAN FUNGICIDES (SBF1, SBF2 AND SBF3)				
	4/1/10 to 3/31/11	RESEARCH			
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS		
\$15,200	WINNISHIEK COUNTY AGRICULTURAL EXTENSION DISTRICT				400-30-46
<b>113932</b>	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM				
	9/1/01 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**

\$15,145	METABOLIC TECHNOLOGIES, INC			400-75-32
<b>113817</b>	METABOLIC ENGINEERING OF MORITELLA MARINA TO PRODUCE DHA: TRANSCRIPTOME SEQUENCING			
	6/15/10 to 6/30/11	RESEARCH		
	JARBOE, LAURA		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$14,300	BAYER CROPSCIENCE			400-33-11
<b>113206</b>	EVALUATION OF INSECTICIDE AND FUNGICIDE ON SOYBEAN			
	4/1/10 to 12/31/10	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT	
\$14,000	DUPONT CROP PROTECTION			400-41-42
<b>113838</b>	TESTING OF FOLIAR FUNGICIDES AGAINST SOYBEAN DISEASES			
	5/1/10 to 5/31/11	RESEARCH		
	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS	
\$13,173	HARVEST INNOVATIONS			400-75-29
<b>113601</b>	SHELF-LIFE DETERMINATION OF THREE SOY FLOURS			
	12/1/10 to 6/30/11	RESEARCH		
	WILSON, LESTER		FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	BOYLSTON, TERRI		FOOD SCIENCE & HUMAN NUTRITION-HS	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$11,100	IOWA DEPARTMENT OF HUMAN SERVICES			400-30-46
<b>113696</b>	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	
\$11,000	SIPCAMADVAN			400-41-32
<b>113080</b>	USE OF CONTANS TO MANAGE SOYBEAN WHITE MOLD			
	5/1/10 to 5/30/11	RESEARCH		
	YANG, XIAO		PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL		PLANT PATHOLOGY-AES/CALS	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$10,745	IOWA DEPARTMENT OF HUMAN SERVICES	470-30-06
<b>111937</b>	PROJECT RECOVERY IOWA	
	8/30/10 to 10/13/10 EXTENSION/PUBLIC	
	VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT	
\$10,000	IOWA FRUIT AND VEGETABLE GROWERS ASSOCIATION	410-40-31
<b>108246</b>	OPTIMIZING THE CROPPING POTENTIAL AND PROFITABILITY FOR GROWING SCAB-RESISTANT APPLE CULTIVARS IN CONVENTIONAL AND ORGANIC SYSTEMS	
	11/1/10 to 11/1/11 RESEARCH	
	DOMOTO, PAUL HORTICULTURE-AES/CALS	
CO-PI	NONNECKE, GAIL HORTICULTURE-AES/CALS	
\$10,000	PIONEER HI-BRED INTERNATIONAL, INC	400-33-11
<b>108388</b>	PERFORMANCE OF ANTHRACNOSE STALK ROT RESISTANCE (RCG1) AND EFFECT OF FOLIAR FUNGICIDES ON RCG1 RESISTANCE	
	4/1/10 to 3/31/11 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$10,000	BAYER CROPS SCIENCE	400-41-32
<b>113241</b>	FUNGICIDES TESTING FOR SOYBEAN WHITE MOLD	
	5/1/10 to 5/1/11 RESEARCH	
	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL	
\$9,500	WASHINGTON SOIL AND WATER CONSERVATION DISTRICT	400-33-12
<b>113375</b>	MIDDLE WEST FORK OF CROOKED CREEK WATERSHED DEVELOPMENT PLAN	
	11/1/10 to 6/30/11 EXTENSION/PUBLIC	
	COMITO, JACQUELINE SOCIOLOGY-EXT	
CO-PI	BENNING, JAMIE AGRONOMY-EXT	
\$9,500	VALENT USA CORPORATION	400-33-11
<b>113796</b>	FIELD EVALUATION OF DOMARK FUNGICIDE ON WHITE MOLD OF SOYBEAN	
	4/1/10 to 3/31/11 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	

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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$9,000	DEPARTMENT OF AGRICULTURE, ARS			419-40-20
<b>105496</b>	HEAT AND MOISTURE PRODUCTION RATES OF MODERN SWINE AND THEIR HOUSING SYSTEMS			
	2/1/10 to 2/1/12	RESEARCH		
	XIN, HONGWEI		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	LI, HONG		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$7,776	IOWA AGRICULTURAL DEVELOPMENT AUTHORITY			478-30-75
<b>113629</b>	2011 IOWA AGRICULTURAL YOUTH INSTITUTE			
	1/1/11 to 8/1/11	EXTENSION/PUBLIC		
	LEVINGS, JUDITH		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,456	IOWA DEPARTMENT OF TRANSPORTATION			474-17-72
<b>106216</b>	COUNCIL BLUFFS DRILLED SHAFT EVALUATION PROJECT			
	3/1/10 to 8/31/12	RESEARCH		
	ASHLOCK, JERAMY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	PHARES, BRENT		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	WIPF, TERRY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$6,096	UNIVERSITY OF MASSACHUSETTS, AMHERST			410-30-68
<b>113491</b>	CORE HEALTH MESSAGES: A STRATEGY TO IMPROVE THE HEALTH AND WELL-BEING OF RURAL LOW-INCOME FAMILIES			
	9/1/10 to 8/31/11	RESEARCH		
	GREDER, KIMBERLY		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$5,800	BAYER CROPS SCIENCE			400-33-11
<b>113204</b>	TIMING OF FUNGICIDE APPLICATIONS ON CORN			
	4/1/10 to 12/31/10	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT	
\$5,000	SYNGENTA CROP PROTECTION, INC			400-33-11
<b>107937</b>	FIELD TRIAL EVALUATION OF SYNGENTA FUNGICIDES			
	4/1/10 to 3/31/11	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS	



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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

\$4,163	COMMUNITY FOUNDATION OF GREATER DUBUQUE	400-30-46
<b>113515</b>	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,725	WAYNE COUNTY AGRICULTURAL EXTENSION DISTRICT	400-33-13
<b>113481</b>	EXTENSION SUPPORT FOR WAYNE COUNTY PARENTS AS TEACHERS	
	10/1/10 to 6/30/11 EXTENSION/PUBLIC	
	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	
CO-PI	BRANTNER, KIM EXTENSION TO FAMILIES-EXT	
\$2,166	DAVENPORT COMMUNITY SCHOOL DISTRICT	400-30-46
<b>113378</b>	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	AMERICAN RED CROSS	400-30-46
<b>113085</b>	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	POSITIVELY SPENCER YOUTH	400-30-46
<b>113785</b>	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	UNION COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
<b>113931</b>	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**

\$783 MARBLE ROCK COMMUNITY IMPROVEMENT ASSOCIATION

400-30-46

**113841** 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

\$694 CERRO GORDO COUNTY EXTENSION

400-30-46

**112163** 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

LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$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