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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

297

\$2,918,622	CONOCOPHILLIPS COMPANY		400-77-17
116925	BIOFUELS RESEARCH PROGRAM (2012)		
	1/1/12 to 12/31/12	RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
\$1,177,260	IOWA STATE UNIVERSITY-AMES LABORATORY		401-25-01
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY		
	11/1/08 to 12/31/15	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$1,055,665	IOWA DEPARTMENT OF NATURAL RESOURCES		473-42-52
115356	IOWA MULTIPLE SPECIES INVENTORY		
	1/1/12 to 12/31/14	RESEARCH	
	DINSMORE, STEPHEN	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$1,000,000	DOC-U.S. DEPARTMENT OF COMMERCE		426-17-03
116320	I6 GREEN CHALLENGE PROOF OF CONCEPT CENTER PROPOSAL		
	9/29/11 to 9/29/13	MISCELLANEOUS	
	QUISENBERRY, SHARRON	VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$614,310	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY		426-35-20
114985	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE		
	2/1/12 to 6/30/12	EXTENSION/PUBLIC	
	WILCOX, RUTH	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	MILLER, JOANN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	THOMPSON, DEREK	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$600,000	USDA-OFFICE OF PROCUREMENT & PROPERTY MANAGEMENT (OPPM)		412-35-22
117353	BIOPREFERRED PROGRAM		
	1/3/12 to 12/31/13	EXTENSION/PUBLIC	
	DEVLIN, STEVEN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	

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	\$400,000	HOWARD HUGHES MEDICAL INSTITUTE		400-28-15
105170		ENGAGING YOUNG SCIENTISTS DURING THEIR FIRST TWO YEARS AT COLLEGE		
		9/1/10 to 8/31/12	INSTRUCTION/TRAINING	
		OGILVIE, CRAIG	PHYSICS & ASTRONOMY-LAS	
	CO-PI	POWELL-COFFMAN, JO	GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
	CO-PI	CERVATO, CINZIA	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
	CO-PI	GREENBOWE, THOMAS	CHEMISTRY-LAS	
	CO-PI	TAKLE, GENE	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
	\$400,000	NSF-NATIONAL SCIENCE FOUNDATION		420-25-10
115824		CAREER: DENSE SUPERFAST 3D SENSING OF EXTREMELY RAPIDLY CHANGING MECHANICAL AND BIOLOGICAL SCENES		
		6/1/12 to 5/31/17	RESEARCH	
		ZHANG, SONG	MECHANICAL ENGINEERING-ENGR	
	\$400,000	NSF-NATIONAL SCIENCE FOUNDATION		420-60-86
115873		CAREER: A PREDICTIVE MODELING FRAMEWORK FOR EXPLORING PROCESS-STRUCTURE-PROPERTY RELATIONSHIPS IN ORGANIC SOLAR CELLS		
		8/15/12 to 7/31/17	RESEARCH	
		GANAPATHYSUBRAMANIAN, B	MECHANICAL ENGINEERING-ENGR	
	\$358,138	NSF-NATIONAL SCIENCE FOUNDATION		420-25-25
116107		REU SITE: SUMMER PROGRAM FOR INTERDISCIPLINARY RESEARCH AND EDUCATION-EMERGING INTERFACE TECHNOLOGIES		
		5/1/12 to 4/30/15	RESEARCH	
		GILBERT, STEPHEN	INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
	CO-PI	WINER, ELIOT	MECHANICAL ENGINEERING-ENGR	
	CO-PI	OLIVER, JAMES	MECHANICAL ENGINEERING-ENGR	
	\$335,000	IOWA DEPARTMENT OF TRANSPORTATION		474-77-45
116725		IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM (HR296) 2011 SUMMARY REPORT AND 2012 CONTINUATION FUNDING PROPOSAL		
		1/1/12 to 12/31/12	RESEARCH	
		KNAPP, KEITH	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	MCDONALD, THOMAS	INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$303,955	NIH-NATIONAL INSTITUTES OF HEALTH		430-21-10
107257	REGULATION OF CHROMATIN STRUCTURE AND GENE EXPRESSION BY H3S10 PHOSPHORYLATION		
	1/1/12 to 12/31/12	RESEARCH	
	JOHANSEN, KRISTEN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	JOHANSEN, JORGEN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	GIRTON, JACK	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$283,714	NIH-NATIONAL INSTITUTES OF HEALTH		430-17-13
94191	NEUROINFLAMMATORY MECHANISMS IN THE PROGRESSION OF PARKINSONS DISEASE		
	2/1/11 to 1/31/12	RESEARCH	
	KANTHASAMY, ARTHI	BIOMEDICAL SCIENCES-VET	
CO-PI	KANTHASAMY, ANUMANTHA	BIOMEDICAL SCIENCES-VET	
\$250,838	ED-U.S. DEPARTMENT OF EDUCATION		432-18-03
117678	RONALD E. MCNAIR POSTBACCALEUREATE ACHIEVEMENT PROGRAM		
	10/1/11 to 9/30/12	INSTRUCTION/TRAINING	
	HARDING, THELMA	GRADUATE COLLEGE-PROV	
\$245,724	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY		426-35-20
114985	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE		
	7/1/11 to 6/30/12	EXTENSION/PUBLIC	
	WILCOX, RUTH	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	MILLER, JOANN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	THOMPSON, DEREK	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$241,690	IOWA DEPARTMENT OF EDUCATION		472-30-08
117372	SAFE AND SUPPORTIVE SCHOOLS GRANT (S3)		
	12/1/11 to 9/30/12	EXTENSION/PUBLIC	
	TALLMAN, KELI	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$228,793	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION		422-20-02
115662	ADVANCED 3D RUNBACK MODELS FOR SURFACE WATER TRANSPORT		
	1/1/12 to 12/31/14	RESEARCH	
	HU, HUI	AEROSPACE ENGINEERING-ENGR	

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\$228,793 NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION

422-20-02

115662 ADVANCED 3D RUNBACK MODELS FOR SURFACE WATER TRANSPORT

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

CO-PI ROTHMAYER, ALRIC AEROSPACE ENGINEERING-ENGR

\$220,428 DOJ-NATIONAL INSTITUTE OF JUSTICE (NIJ)

428-40-04

114317 AREA 1: EVALUATING REENTRY IN IOWA: CONTEXT, TREATMENT PROVISION, INDIVIDUAL PROPENSITY AND RECIDIVISM

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

CO-PI PETERS, DAVID SOCIOLOGY-AES/CALS
HOCHSTETLER, ANDREW SOCIOLOGY-LAS

\$210,000 IOWA DEPARTMENT OF TRANSPORTATION

474-17-94

116072 TECHNOLOGY TRANSFER CONCRETE CONSORTIUM

1/1/08 to 6/30/13 RESEARCH

CO-PI CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$170,211 DOD-OFFICE OF NAVAL RESEARCH (ONR)

421-21-24

97671 TOWARDS SECURE AND PRIVACY-PRESERVING DEPLOYMENT AND ACCESS OF LARGE TACTICAL SENSOR NETWORKS

6/1/09 to 5/31/12 RESEARCH

ZHANG, WENSHENG COMPUTER SCIENCE-LAS

\$170,000 NSF-NATIONAL SCIENCE FOUNDATION

420-40-82

104450 COENZYME B12-DEPENDENT 1, 2-PROPANEDIOL DEGRADATION BY SALMONELLA

3/15/12 to 2/28/14 RESEARCH

BOBIK, THOMAS BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS

\$170,000 IOWA DEPARTMENT OF TRANSPORTATION

474-77-25

117394 INCIDENT LOCATION TOOL SUPPORT FOR TRACS PROGRAM

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

CO-PI GIESEMAN, DANIEL INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$150,000 NSF-NATIONAL SCIENCE FOUNDATION

420-40-96

115707 COLLABORATIVE RESEARCH: EPIGENETIC, TRANSCRIPTOMIC, AND BEHAVIORAL IMPACTS OF A MATERNAL SIGNAL DURING WASP CASTE DEVELOPMENT
4/1/12 to 3/31/15 RESEARCH
TOTH, AMY ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS

\$149,791 IOWA DEPARTMENT OF TRANSPORTATION

474-17-87

111723 ALKALI CONTENT OF FLY ASH—MEASURING AND TESTING STRATEGIES FOR EVALUATING COMPLIANCE
1/1/12 to 12/31/13 RESEARCH
SCHLORHOLTZ, SCOTT OFFICE OF BIOTECHNOLOGY-VPR/ED

\$145,000 IOWA DEPARTMENT OF TRANSPORTATION

474-17-93

115628 CONCRETE PAVEMENT MIXTURE DESIGN AND ANALYSIS
5/15/09 to 6/30/13 RESEARCH
TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$143,264 NIH-NATIONAL INSTITUTES OF HEALTH

430-23-15

104088 AMYGDALAR MODULATION OF PROCESSING IN AUDITORY CORTEX
3/1/12 to 2/28/13 RESEARCH
PETERSON, DIANA BIOMEDICAL SCIENCES-VET

\$141,566 IOWA STATE UNIVERSITY-AMES LABORATORY

401-25-01

93016 OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY
11/1/08 to 12/31/15 RESEARCH
KING, ALEXANDER AMES LABORATORY

\$137,176 NSF-NATIONAL SCIENCE FOUNDATION

420-60-52

115828 CAREER: JOINT TOPOGRAPHIC IMAGING AND MATERIALS CHARACTERIZATION USING ATOMIC FORCE MICROSCOPY-A SYSTEMS APPROACH
3/1/12 to 2/28/17 RESEARCH
RAMAMOORTHY, ADITYA ELECTRICAL & COMPUTER ENGINEERING-ENGR

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\$129,558 IOWA DEPARTMENT OF NATURAL RESOURCES 473-44-39

113759 LEAD IN SPECIES OF GREATEST CONSERVATION NEED: FREE-FLYING BALD EAGLES AS INDICATORS

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

CO-PI BLANCHONG, JULIE NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

\$129,124 DOD-OFFICE OF NAVAL RESEARCH (ONR) 421-20-14

117445 NOVEL PROCESSING OF INFRARED TRANSMITTING ZRO2-ZRW2O8 NANOCOMPOSITES

1/2/12 to 9/28/12 RESEARCH

AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR

\$128,140 IOWA DEPARTMENT OF TRANSPORTATION 474-21-05

117732 BAYESIAN ANALYSIS OF TRAFFIC CRASH DATA USING HIERARCHICAL MODELS WITH A SPATIAL ERROR STRUCTURE

10/20/04 to 12/31/13 RESEARCH

CARRIQUIRY, ALICIA STATISTICS-LAS

\$120,100 DOE-U.S. DEPARTMENT OF ENERGY 401-20-05

115599 INTERGOVERNMENTAL PERSONNEL AGREEMENT (IPA)

7/29/11 to 3/28/12 MISCELLANEOUS

STANLEY, ROYA-LEI ENGINEERING RESEARCH INSTITUTE-ENGR

\$119,975 IOWA DEPARTMENT OF TRANSPORTATION 474-77-21

117054 IHRB-10-07 EVALUATING ROADWAY SUBSURFACE DRAINAGE PRACTICES

1/15/12 to 7/14/13 RESEARCH

CO-PI CEYLAN, HALIL CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI STEFFES, ROBERT INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI GOPALAKRISHNAN, KASTHURIRA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI KIM, SUNG HWAN CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

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\$108,927 WINEGARD COMPANY

400-25-36

117527 MOTION BASE OPERATION, SYNCHRONIZATION, AND CONTROL

12/28/11 to 12/31/12 RESEARCH

LUECKE, GREG MECHANICAL ENGINEERING-ENGR

\$107,941 NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION

422-21-08

104740 REMOTE SENSING DATA AS DRIVERS FOR STREAMFLOW PREDICTION MODELS FOR THE UPPER MIDWEST

7/29/10 to 7/28/13 RESEARCH

FRANZ, KRISTIE GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

\$101,724 NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION

422-21-06

99338 INTERMEDIATE MASS STAR FORMATION-BRIDGING HIGH AND LOW-MASS REGIMES

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

KERTON, CHARLES PHYSICS & ASTRONOMY-LAS

\$100,000 UNITED TECHNOLOGIES CORPORATION

400-20-79

117477 CORRELATION OF ULTRASONIC ATTENUATION FOR GRAIN SIZE ESTIMATES

1/2/12 to 12/22/12 RESEARCH

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

CO-PI MARGETAN, FRANK 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

CO-PI WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR

\$99,999 IOWA DEPARTMENT OF TRANSPORTATION

474-78-11

116770 BUCHANAN COUNTY IBRC BRIDGE PROJECT

1/15/12 to 2/1/16 RESEARCH

PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED

CO-PI VENNAPUSA, PAVANA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

CO-PI TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED

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

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\$99,768	TATE & LYLE INGREDIENTS AMERICAS LLC	400-28-18
116086	THE AFFECT OF STARCH ON APPETITE	
	1/1/12 to 7/13/12 RESEARCH	
	HOLLIS, JAMES	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS
CO-PI	HSU, WALTER	BIOMEDICAL SCIENCES-VET
\$95,000	PURDUE UNIVERSITY	404-20-23
91353	SPRAY AND COMBUSTION OF GELLED HYPERGOLIC PROPELLANTS	
	6/1/08 to 10/31/12 RESEARCH	
	MEYER, TERRENCE	MECHANICAL ENGINEERING-ENGR
\$95,000	IOWA DEPARTMENT OF PUBLIC SAFETY	478-31-04
117283	GOVERNOR'S HIGHWAY TRAFFIC SAFETY CONFERENCE 2012	
	10/1/11 to 9/30/12 EXTENSION/PUBLIC	
	KIEFFER, JULIE	EXTENSION COMMUNICATIONS AND EXTERNAL RELATIONS-EXT
\$90,000	CROHNS & COLITIS FOUNDATION	400-23-21
115645	IMPACT OF ESCHERICHIA COLI COLONIZATION ON SUSCEPTIBILITY TO INFLAMMATORY INSULTS	
	1/1/12 to 12/31/12 FELLOWSHIP	
	RAMER-TAIT, AMANDA	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
\$88,000	IOWA DEPARTMENT OF TRANSPORTATION	474-77-44
116905	IMPLEMENTATION OF CONCRETE PAVEMENT PRESERVATION AND PCC SURFACE CHARACTERISTICS: TRAINING	
	1/1/07 to 12/31/12 RESEARCH	
	CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$87,682	UNIVERSITY OF SOUTHERN CALIFORNIA	404-21-56
113596	CONTROL OF QUANTUM OPEN SYSTEMS: THEORY AND EXPERIMENTS	
	8/9/11 to 10/8/12 RESEARCH	
	DALESSANDRO, DOMENICO	MATHEMATICS-LAS

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	\$78,902	RMC RESEARCH & EDUCATION FOUNDATION		400-17-33
117303		GUIDE TO CONCRETE BONDED OVERLAYS FOR COMMERCIAL PARKING LOTS		
		1/1/12 to 4/30/12	RESEARCH	
		CO-PI CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED	
		CO-PI NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	\$70,741	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	
	\$65,576	AMERICAN OIL CHEMISTS SOCIETY		400-41-86
117502		UNIFORMITY IN NEAR INFRARED MEASUREMENTS OF SOYBEAN QUALITY TRAITS, FY2012		
		1/2/12 to 12/31/12	RESEARCH	
		HURBURGH, CHARLES	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	\$61,424	UNIVERSITY OF KENTUCKY		404-40-14
105212		FOOD AND ENERGY PRODUCTION: INTERNATIONALIZED AGRICULTURAL AND ENGINEERING PROGRAMS		
		7/1/09 to 6/30/13	INSTRUCTION/TRAINING	
		CO-PI STEWARD, BRIAN	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
		CO-PI DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
		CO-PI BRUMM, THOMAS	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	\$61,045	MULTIMIN USA		400-41-91
117738		USE OF MULTIMIN90® TO INCREASE RETAIL PRODUCT YIELD AND CARCASS QUALITY IN FEEDLOT CATTLE		
		5/16/12 to 10/1/13	RESEARCH	
		HANSEN, STEPHANIE	ANIMAL SCIENCE-AES/CALS	
	\$59,500	HIGH PERFORMANCE TECHNOLOGIES INC (HPTI)		404-21-21
116631		CONVERTING GAMESS TO FORTRAN90		
		9/22/11 to 8/31/12	RESEARCH	
		GORDON, MARK	CHEMISTRY-LAS	

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\$58,040	IOWA DEPARTMENT OF TRANSPORTATION	474-77-20
117305	LOCAL ROADS SAFETY LIAISON PROGRAM	
	1/1/12 to 12/31/12 RESEARCH	
	KNAPP, KEITH	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	SPERRY, ROBERT	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$56,903	MICHIGAN STATE UNIVERSITY	410-40-02
117697	NORTH CENTRAL REGIONAL AQUACULTURE CENTER (NCRAC) ADMINISTRATION	
	6/1/10 to 7/31/12 RESEARCH	
	MORRIS, JOSEPH	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
\$55,000	WEIDEMANN ASSOCIATES INC	404-30-05
108147	BRIDGING THE GAP: INCREASING COMPETITIVENESS OF UGANDAN WOMEN FARMERS IN THE MARKETPLACE	
	1/1/11 to 1/31/12 EXTENSION/PUBLIC	
	HANSEN, RAYMOND	VALUE ADDED AGRICULTURE-EXT
CO-PI	ROTHSCHILD, MAX	ANIMAL SCIENCE-AES/CALS
CO-PI	WESTGATE, MARK	AGRONOMY-AES/CALS
CO-PI	NAEVE, LINDA	VALUE ADDED AGRICULTURE-EXT
\$52,517	NORTH CENTRAL SOYBEAN RESEARCH	459-40-20
107908	THE SUDDEN DEATH SYNDROME RESEARCH ALLIANCE (PHASE II, 2010-2013)	
	3/1/11 to 2/28/12 RESEARCH	
	LEANDRO, LEONOR	PLANT PATHOLOGY-AES/CALS
CO-PI	CIANZIO, SILVIA	AGRONOMY-AES/CALS
CO-PI	BHATTACHARYYA, MADAN	AGRONOMY-AES/CALS
CO-PI	BEAVIS, WILLIAM	AGRONOMY-AES/CALS
\$50,147	DEERE & COMPANY	400-42-24
117521	SMART CAMERA APPLICATIONS FOR TRACTOR-IMPLEMENT AUTO COUPLING AND WEED DETECTION	
	1/1/12 to 12/31/12 RESEARCH	
	TANG, LIE	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

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\$50,000	NATIONAL PORK BOARD			453-23-36
116983	RESPONSE GUIDELINES FOR MODERATE AND HIGH PATHOGENICITY INFLUENZA IN THE UNITED STATES SWINE POPULATION	11/1/11 to 7/31/12	EXTENSION/PUBLIC	
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$50,000	NATIONAL PORK BOARD			453-23-38
117530	UPDATE OF HIGHLY CONTAGIOUS DISEASES OF SWINE DOCUMENT AND DRAFT AN FMD VACCINATION PLAN	1/1/12 to 12/31/12	EXTENSION/PUBLIC	
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$50,000	LESAFFRE YEAST CORPORATION			400-72-04
117586	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	2/1/12 to 1/31/13	RESEARCH	
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$49,593	SOUTHWEST IOWA COALITION			400-30-49
117549	SWICO PROGRAM COORDINATION	1/1/12 to 12/31/14	EXTENSION/PUBLIC	
	BORICH, TIMOTHY		COMMUNITY & REGIONAL PLANNING-EXT	
\$46,711	UNIVERSITY OF IOWA			404-18-01
113605	IOWA AGEP EVALUATION	6/1/11 to 5/31/12	RESEARCH	
	HOLGER, DAVID		GRADUATE COLLEGE-PROV	
	CO-PI FREEMAN, STEVEN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$39,590	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	

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\$31,000 DUPONT

400-41-88

117717 SEED TREATMENT FIELD TRIALS-DUPONT CROP PROTECTION

1/1/12 to 12/31/13 RESEARCH
MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS

\$30,846 KANSAS STATE UNIVERSITY

400-23-33

117668 MULTI-INSTITUTIONAL DEVELOPMENT AND VALIDATION OF A MULTIPLEX FLUORESCENT MICROSPHERE IMMUNOASSAY FOR THE DIAGNOSIS OF MULTIPLE AGENTS IN SERUM AND ORAL FLUID SAMPLES

10/1/11 to 9/30/12 RESEARCH
ZIMMERMAN, JEFFREY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

\$30,000 AGILTRON INC

404-25-69

111889 DESIGN OF STRUCTURES FOR DIRECTIONAL EMISSION IN THE INFRARED

12/7/11 to 8/20/12 RESEARCH
BISWAS, RANA MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED

\$30,000 ISU RESEARCH FOUNDATION

405-21-10

117508 QQS AS A MOLECULAR TOOL TO INCREASE THE PROTEIN CONTENT OF COMMERCIAL CROPS

1/1/12 to 7/31/12 RESEARCH
LI, LING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

\$29,983 ISU RESEARCH FOUNDATION

405-40-04

117700 DEVELOPMENT OF IMMUNE DEFICIENT PIGS FOR BIOMEDICAL RESEARCH

1/1/12 to 12/31/12 RESEARCH
DEKKERS, JACK ANIMAL SCIENCE-AES/CALS
CO-PI TUGGLE, CHRIS ANIMAL SCIENCE-AES/CALS
CO-PI ELLINWOOD, NORMAN ANIMAL SCIENCE-AES/CALS
CO-PI ROSS, JASON ANIMAL SCIENCE-AES/CALS

\$28,507 IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP

471-40-01

115430 ONION CREEK WATERSHED PROJECT

7/1/11 to 6/30/12 RESEARCH
ISENHART, THOMAS NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
CO-PI SCHULTZ, RICHARD NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

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\$28,000	ISU RESEARCH FOUNDATION			405-23-04
117728	NANOPARTICLE DELIVERY OF ANTIBIOTICS FOR THE TREATMENT OF BRUCELLOSIS			
	12/1/11 to 6/30/12	RESEARCH		
	BELLAIRE, BRYAN		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$27,328	KANSAS STATE UNIVERSITY			400-23-24
117663	MULTI-INSTITUTIONAL DEVELOPMENT AND VALIDATION OF A MULTIPLEX FLUORESCENT MICROSPHERE IMMUNOASSAY FOR THE DIAGNOSIS OF MULTIPLE AGENTS IN SERUM AND ORAL FLUID			
	10/1/11 to 9/30/12	RESEARCH		
	OPRIESSNIG, TANJA		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$27,161	MISSOURI STATE UNIVERSITY			404-21-41
105775	RUI: ASTEROSEISMOLOGY OF PULSATING SUBDWARF B STARS VIA OBSERVATIONAL MODE IDENTIFICATION AND MODELING			
	9/1/11 to 8/31/12	RESEARCH		
	KAWALER, STEVEN		PHYSICS & ASTRONOMY-LAS	
\$25,000	COTTON INC			400-21-62
117145	COMPARATIVE EVOLUTIONARY PROTEOMICS OF COTTON			
	1/1/12 to 12/31/12	RESEARCH		
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$25,000	BOEHRINGER INGELHEIM VETMEDICA INC			400-23-41
117304	MOLECULAR EPIDEMIOLOGICAL STUDY OF INFLUENZA A IN COMPANION ANIMALS			
	1/13/12 to 1/13/13	RESEARCH		
	TRUJILLO, JESSIE		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	SPONSELLER, BRETT		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	JERGENS, ALBERT		VETERINARY CLINICAL SCIENCES-VET	
CO-PI	PETERSEN, CHRISTINE		VETERINARY PATHOLOGY-VET	
CO-PI	NARA, PETER		BIOMEDICAL SCIENCES-VET	
\$25,000	NORTH CENTRAL SOYBEAN RESEARCH			459-40-48
117514	IMPROVING MANAGEMENT OF SOYBEAN CYST NEMATODE THROUGH EXTENSION DEMONSTRATION AND OUTREACH-PHASE II			
	3/1/11 to 2/29/12	RESEARCH		
	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	

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\$25,000 ITC MIDWEST

400-60-12

117547 EPRC SUPPORT

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

CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$21,152 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

419-48-16

116978 RESEARCH SUPPORT AGREEMENT

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

BLODGETT, SUE ENTOMOLOGY-AES/CALS

\$20,000 UNIVERSITY OF IOWA

400-23-36

116700 RISK ASSESSMENT TO EVALUATE WHETHER HUMAN CORNEA RECIPIENTS ARE AT RISK OF WEST NILE VIRUS INFECTION

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

BLITVICH, BRADLEY VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

\$20,000 IOWA DEPARTMENT OF TRANSPORTATION

474-77-16

117362 SUPPLEMENTAL SUPPORT FOR SAFETY CIRCUIT RIDER

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

KNAPP, KEITH INSTITUTE FOR TRANSPORTATION-VPR/ED

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

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

\$20,000 IOWA DEPARTMENT OF TRANSPORTATION

474-77-57

117536 REDUCTION OF SPEED AND CRASHES ON CURVES

4/15/08 to 6/30/12 RESEARCH

HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

CO-PI 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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\$20,000	VA-U.S. DEPARTMENT OF VETERANS AFFAIRS	428-17-01
117585	IMPROVING THE DELIVERY OF SMOKING CESSATION GUIDE IN HOSPITALIZED VETERANS	
	10/1/11 to 9/30/12 RESEARCH	
	HUCK, SHIRLEY SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
\$17,500	UNIVERSITY OF CALIFORNIA DAVIS	400-30-43
117244	4-H CURRICULUM DEVELOPMENT INITIATIVE	
	5/1/11 to 8/15/12 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$17,224	MEDICAL COLLEGE OF WISCONSIN	404-17-16
114135	NEUROPROTECTION BY MITOCHONDRIA-TARGETED ANTIOXIDANTS	
	2/1/11 to 1/31/12 RESEARCH	
	KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET	
\$16,875	IOWA LAKES COMMUNITY COLLEGE	400-28-11
117552	GRADUATE ASSISTANTSHIP AT ILCC-AMENDMENT 1	
	1/5/12 to 5/15/13 INSTRUCTION/TRAINING	
	EBBERS, LARRY EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$15,000	DEERE & COMPANY	400-17-29
117539	NSF I/UCRC CENTER FOR INFORMATION PROTECTION-JOHN DEERE	
	1/1/12 to 12/31/12 RESEARCH	
	JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$14,762	BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORAT	404-21-49
116895	LONG BASELINE NEUTRINO EXPERIMENT	
	10/1/11 to 9/30/12 RESEARCH	
	SANCHEZ, MAYLY PHYSICS & ASTRONOMY-LAS	

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\$14,454	UNIVERSITY OF NEBRASKA LINCOLN			410-30-43
116678	BELAA MINI-GRANT MANURE MANAGEMENT 101			
	12/1/11 to 8/31/12	EXTENSION/PUBLIC		
	LAWRENCE, JOHN		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
CO-PI	RIECK-HINZ, ANGELA		AGRONOMY-EXT	
\$13,000	CHEMTURA AGROSOLUTIONS			400-41-32
117617	TEST CHEMTURA PRODUCTS AGAINST RHIZOCTONIA AND PHYTOPHTHORA OF SOYBEAN AND YIELD RESPONSE			
	6/1/11 to 7/1/12	RESEARCH		
	YANG, XIAO		PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL		PLANT PATHOLOGY-AES/CALS	
\$12,500	IOWA VETERINARY MEDICAL ASSOCIATION			400-23-43
113352	USE OF AN IMPLANTABLE DEVICE FOR IN VIVO DETECTION MYCOBACTERIUM AVIUM PARATUBERCULOSIS (MAP) IN ASYMPTOMATIC CALVES			
	10/31/11 to 10/31/12	RESEARCH		
	HOSTETTER, JESSE		VETERINARY PATHOLOGY-VET	
CO-PI	JONES, DOUGLAS		VETERINARY PATHOLOGY-VET	
\$12,500	UNIVERSITY OF NEBRASKA LINCOLN			410-30-46
116619	2012 CERTIFIED COP LEADERSHIP FUNDING FOR COOPERATIVES			
	1/1/12 to 12/31/12	EXTENSION/PUBLIC		
	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT	
CO-PI	SCHULTZ, MADELINE		VALUE ADDED AGRICULTURE-EXT	
\$11,179	AMERICAN EAGLE FOUNDATION			400-42-31
116221	LEAD EXPOSURE IN IOWA BALD EAGLES			
	1/1/12 to 12/31/12	RESEARCH		
	DINSMORE, STEPHEN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	BLANCHONG, JULIE		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	

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\$10,000	USDA-RURAL DEVELOPMENT (RD)		412-40-38
116358	EDUCATIONAL SEMINAR FUNDING FOR THE 2012 NATIONAL GOAT EXPO		
	12/5/11 to 12/31/12	EXTENSION/PUBLIC	
	YOUNGS, CURTIS	ANIMAL SCIENCE-AES/CALS	
\$10,000	NATIONAL AUDUBON SOCIETY		400-21-63
116868	RECOVERING CREATIVE PERSPECTIVES OF NATIVE LANDSCAPES		
	1/10/12 to 1/31/13	RESEARCH	
	HARPOLE, WILLIAM	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	SULLIVAN, LAUREN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$8,316	IOWA AGRICULTURAL DEVELOPMENT AUTHORITY		478-30-31
117561	COORDINATING AND IMPLEMENTING THE 2012 IOWA AGRICULTURAL YOUTH INSTITUTE (IAYI)		
	1/1/12 to 8/1/12	EXTENSION/PUBLIC	
	LEVINGS, JUDITH	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$8,280	MRI GLOBAL		400-17-73
116808	TASK 27-FURTHER DEVELOPMENT OF THE RPS METHODOLOGY		
	5/21/04 to 6/30/12	RESEARCH	
	HANS, ZACHARY	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$7,500	MISSOURI RIVER ENERGY SOURCES		400-07-09
117800	CAD MODELING AND 3D PRINTING		
	1/26/12 to 1/25/13	INSTRUCTION/TRAINING	
	RINGHOLZ, DAVID	ART & DESIGN-DSN	
\$7,500	AMERICAN ASTRONOMICAL SOCIETY		400-21-73
117803	SCIENTIFIC EDITOR-THE ASTROPHYSICAL JOURNAL		
	1/8/07 to 1/31/15	MISCELLANEOUS	
	KAWALER, STEVEN	PHYSICS & ASTRONOMY-LAS	

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\$7,000	AJINOMOTO CO, INC			400-41-81
117525	BIOSTIMULANT EFFECT ON SEED GERMINATION			
	1/2/12 to 6/30/12	RESEARCH		
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$7,000	IOWA SOYBEAN ASSOCIATION			450-30-36
117788	EDAMAME FEASIBILITY STUDY			
	9/12/11 to 3/30/12	EXTENSION/PUBLIC		
	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT	
\$6,354	MRI GLOBAL			400-17-73
116741	INTERNATIONAL ROAD ASSESSMENT PROGRAM (IRAP)-PILOT STUDY-TASKS 2 AND 3 OF IRAP WORK PACKAGE 23-TRAFFIC SAFETY EVALUATION FOR BHP BILLITON IN SASKATCHEWAN			
	5/21/04 to 6/30/12	RESEARCH		
	HANS, ZACHARY		INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$5,625	NSF-NATIONAL SCIENCE FOUNDATION			420-17-11
117500	RESUSPENSION OF E. COLI IN SEDIMENT LADEN STREAMS			
	5/28/12 to 8/3/12	RESEARCH		
	SOUPIR, MICHELLE		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$4,000	NATIONAL TURFGRASS EVALUATION PROGRAM INC			400-41-85
117330	KENTUCKY BLUEGRASS STUDY			
	12/31/11 to 6/1/17	RESEARCH		
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$3,500	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	

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\$3,438	EASTERN IOWA COMMUNITY COLLEGE DISTRICT	400-30-29
117614	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,000	UNITED ACTION FOR YOUTH	400-30-29
117008	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,759	UNIVERSITY OF MISSOURI COLUMBIA	404-30-15
116123	HEALTHY RELATIONSHIP AND MARRIAGE EDUCATION TRAINING PROJECT (HRMET) YEAR 4	
	12/13/11 to 9/29/12 EXTENSION/PUBLIC	
	GREDER, KIMBERLY HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	SANTIAGO, ANTHONY EXTENSION TO FAMILIES-EXT	
\$2,587	VALENT USA CORPORATION	400-41-42
117522	EVALUATION OF VALENT SEED TREATMENTS AGAINST SOYBEAN SUDDEN DEATH SYNDROME IN GREENHOUSE CONDITIONS	
	5/15/11 to 1/30/12 RESEARCH	
	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
\$2,500	HEADS UP PLANT PROTECTANTS INC	400-41-32
117575	TEST "HEADSUP" PRODUCT AGAINST WHITE MOLD, RHIZOCTONIA AND SUDDEN DEATH SYNDROME OF SOYBEAN AND YIELD	
	6/1/11 to 5/30/12 RESEARCH	
	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
\$1,592	LOUISA COUNTY EXTENSION OFFICE	400-30-29
117606	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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\$1,387	ED-U.S. 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	
\$1,000	AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION	404-21-57
117685	HOSTING SCHOLAR FROM EASTERN EUROPE (BOSNIA)	
	1/11/12 to 5/20/12 INSTRUCTION/TRAINING	
	BARRATT, MARY ENGLISH-LAS	
\$939	IOWA DEPARTMENT OF NATURAL RESOURCES	473-21-04
115286	PHASE 1 ARCHAEOLOGICAL SURVEY	
	7/1/11 to 6/30/12 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$500	IOWA NATIVE PLANT SOCIETY	400-21-64
114089	EFFECT OF DIVERSITY ON THE PRAIRIE EXPERIENCE	
	4/1/11 to 4/1/12 RESEARCH	
	HARPOLE, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	BACH, ELIZABETH ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	MORTENSEN, BRENT ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	SULLIVAN, LAUREN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	