

I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,500,000	DOE-U.S. DEPARTMENT OF ENERGY	4011703
117058	LIQUEFACTION OF FOREST BIOMASS TO "DROP-IN" HYDROCARBON BIOFUELS	
	1/1/13 to 12/31/15 RESEARCH	
	BROWN, ROBERT MECHANICAL ENGINEERING-ENGR	
CO-PI	SMITH, RYAN CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED	
CO-PI	WHITMER, LYSLE CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED	
\$1,368,842	NSF-NATIONAL SCIENCE FOUNDATION	4204045
118215	GEPR: NATURAL VARIATION AND DROUGHT RESPONSES IN DEVELOPING MAIZE INFLORESCENCES	
	3/1/13 to 2/28/18 RESEARCH	
	VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$1,277,452	DOE-U.S. DEPARTMENT OF ENERGY	4012501
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY	
	11/1/08 to 12/31/15 RESEARCH	
	KING, ALEXANDER AMES LABORATORY DOE-VPR/ED	
\$1,110,448	NSF-NATIONAL SCIENCE FOUNDATION	4206182
92539	GEPR COMPARATIVE EVOLUTIONARY GENOMICS OF COTTON	
	3/1/09 to 2/28/14 RESEARCH	
	WENDEL, JONATHAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	LESHEM-ACKERMAN, ADAH ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$572,444	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164096
118211	TRANSGENIC APPROACHES IN MANAGING SUDDEN DEATH SYNDROME IN SOYBEAN	
	1/1/13 to 12/31/13 RESEARCH	
	BHATTACHARYYA, MADAN AGRONOMY-AES/CALS	
CO-PI	CIANZIO, SILVIA AGRONOMY-AES/CALS	
CO-PI	DONG, LIANG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	HART, CHAD ECONOMICS-EXT	
CO-PI	HUANG, XIAOQIU COMPUTER SCIENCE-LAS	
CO-PI	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
CO-PI	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
CO-PI	LESHEM-ACKERMAN, ADAH NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$572,444	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164096
118211	TRANSGENIC APPROACHES IN MANAGING SUDDEN DEATH SYNDROME IN SOYBEAN	
	1/1/13 to 12/31/13 RESEARCH	
CO-PI	BAIN, CARMEN	SOCIOLOGY-AES/CALS
\$316,566	COOPER INSTITUTE	4002858
121157	EVALUATION OF NFL PLAY60/FITNESSGRAM INITIATIVE	
	4/1/11 to 9/1/15 RESEARCH	
	WELK, GREGORY	KINESIOLOGY-HS
\$294,301	BOEING COMPANY	4002557
122102	FACTORY OF THE FUTURE STUDY	
	3/25/13 to 12/31/13 RESEARCH	
CO-PI	WINER, ELIOT	MECHANICAL ENGINEERING-ENGR
CO-PI	OLIVER, JAMES	MECHANICAL ENGINEERING-ENGR
CO-PI	GILBERT, STEPHEN	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
\$281,200	RTI INTERNATIONAL	4044032
108439	ANALYSIS AND SUPPORT SERVICES FOR THE U.S. EPA	
	10/1/12 to 7/31/13 RESEARCH	
	BABCOCK, BRUCE	ECONOMICS-AES/CALS
\$263,646	UNIVERSITY OF IOWA	4752015
118193	DEVELOPMENT OF A BALLOON-BORNE BUOY-MOUNTED MEASUREMENT PLATFORM	
	9/1/12 to 8/31/14 RESEARCH	
	TAKLE, GENE	AGRONOMY-AES/CALS
\$262,136	INTERNATIONAL SPINAL RESEARCH TRUST	4002388
120014	PHASE II TRIAL OF HEAT-STABILIZED CHONDROITINASE IN A CANINE TRANSLATIONAL MODEL OF SEVERE SPINAL CORD INJURY	
	6/1/13 to 5/31/16 RESEARCH	
	JEFFERY, NICHOLAS	VETERINARY CLINICAL SCIENCES-VET

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$242,965	ED-U.S. DEPARTMENT OF EDUCATION	4325733
120364	PELL GRANT, FY13	
	7/1/12 to 6/30/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$228,196	UNIVERSITY OF IOWA	4752017
118561	SENSING SKIN FOR AUTOMATED CONDITION ASSESSMENT OF WIND TURBINE BLADES	
	9/1/12 to 7/31/15 RESEARCH	
	LAFHAMME, SIMON CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	GEIGER, RANDALL ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	BOWLER, NICOLA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$210,332	TATE & LYLE INGREDIENTS AMERICAS INC	4004234
121923	THE EFFECT OF WAXY AND TAPIOCA BASED SOLUBLE FIBER DEXTRIN ON SUBJECTIVE AND PHYSIOLOGICAL MARKERS OF APPETITE	
	3/1/13 to 10/31/13 RESEARCH	
	HOLLIS, JAMES FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	HSU, WALTER BIOMEDICAL SCIENCES-VET	
\$200,691	NSF-NATIONAL SCIENCE FOUNDATION	4206237
120293	DEVELOPING THE NEXT GENERATION OF COST-EFFECTIVE HIGH PERFORMANCE DAMPING SYSTEMS FOR SEISMIC AND WIND HAZARDS MITIGATION	
	6/1/13 to 5/31/16 RESEARCH	
	LAFHAMME, SIMON CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$176,596	UNIVERSITY OF FLORIDA	4102111
111026	ADAPTING KERNAL METABOLISM TO ENHANCE CEREAL YIELD UNDER ADVERSE CONDITIONS	
	2/1/11 to 4/14/14 RESEARCH	
	MYERS, ALAN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	BIERWAGEN, TRACIE BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$153,938	FAIRFIELD ECONOMIC DEVELOPMENT ASSOCIATION	4003308
121257	LEADERSHIP FOR THE FAIRFIELD ECONOMIC DEVELOPMENT ASSOCIATION	
	4/1/13 to 6/30/15 EXTENSION/PUBLIC	
	BORICH, TIMOTHY COMMUNITY & REGIONAL PLANNING-EXT	
\$151,071	KANSAS STATE UNIVERSITY	4104058
96070	PRRS CAP HOST GENETICS: CHARACTERIZATION OF HOST FACTORS THAT CONTRIBUTE TO PRRS DISEASE RESISTANCE AND SUSCEPTIBILITY	
	1/1/10 to 6/30/13 RESEARCH	
	DEKKERS, JACK ANIMAL SCIENCE-AES/CALS	
CO-PI	ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS	
CO-PI	TUGGLE, CHRIS ANIMAL SCIENCE-AES/CALS	
CO-PI	REECY, JAMES ANIMAL SCIENCE-AES/CALS	
CO-PI	FERNANDO, ROHAN ANIMAL SCIENCE-AES/CALS	
\$150,373	RUTGERS UNIVERSITY	4042194
98367	UNDERSTANDING AND COMBATING THE FIRE-ENHANCING IMPACT OF NON-NATIVE ANNUALS IN DESERT SCRUB THROUGH THE TOOLS OF POPULATION AND LANDSCAPE ECOLOGY	
	2/19/10 to 2/18/14 RESEARCH	
	MOLONEY, KIRK ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$150,000	IOWA DEPARTMENT OF TRANSPORTATION	4741749
121248	PLANNING, IMPLEMENTATION, AND OPERATION OF THE IOWA PAVEMENT MANAGEMENT PROGRAM	
	11/1/07 to 12/31/13 RESEARCH	
	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$150,000	DOD-ARMY CORPS OF ENGINEERS (USACE)	4214001
121361	SAYLORVILLE MSIM PROJECT	
	3/14/13 to 2/28/14 RESEARCH	
	DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	

I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$142,806	ANNIE E. CASEY FOUNDATION	4001798
120781	DEVELOPING SCALE-UP STRATEGIES FOR PROSPER MODEL ADOPTION AND SUSTAINABILITY IN NATIONAL NETWORK STATES 9/1/12 to 8/31/13 RESEARCH SPOTH, RICHARD PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED	
\$141,910	PIGGEN CANADA	4004250
118644	DEVELOPMENT OF GENETIC SELECTION TOOLS TO ENHANCE SOW HEALTH USING A NOVEL ACCLIMATION CHALLENGE MODEL 3/4/13 to 8/27/15 RESEARCH DEKKERS, JACK ANIMAL SCIENCE-AES/CALS	
\$136,518	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	4362006
121162	CHARACTERIZATION OF FLIGHT DECK INFORMATION AUTOMATION ISSUES 3/18/13 to 3/17/14 RESEARCH DORNEICH, MICHAEL INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$120,908	PURDUE UNIVERSITY	4103910
111097	USEFUL TO USABLE (U2U): TRANSFORMING CLIMATE VARIABILITY AND CHANGE INFORMATION FOR CEREAL CROP PRODUCERS 4/15/11 to 4/14/14 RESEARCH HART, CHAD ECONOMICS-EXT CO-PI MORTON, LOIS SOCIOLOGY-AES/CALS CO-PI TAKLE, GENE AGRONOMY-AES/CALS CO-PI ELMORE, ROGER AGRONOMY-AES/CALS	
\$116,873	UNIVERSITY OF NORTHERN IOWA	4752032
122038	PROJECT LEAD THE WAY (PLTW) EXPANSION 6/1/12 to 5/31/13 MISCELLANEOUS ZACHARY, LOREN AEROSPACE ENGINEERING-ENGR CO-PI SCHROEDER, CAMILLE ENGINEERING ADMINISTRATION-ENGR	
\$108,204	UNIVERSITY OF NORTHERN IOWA	4752804
122055	IMSEP SUPPORT OF MATHEMATICS AND SCIENCE TEACHER RECRUITMENT ACTIVITIES 6/1/12 to 5/31/13 MISCELLANEOUS OLSON, JOANNE SCHOOL OF EDUCATION-HS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$104,445	IOWA DEPARTMENT OF TRANSPORTATION	4747766
120751	BUCHANAN COUNTY IBRD BRIDGE PROJECT: EVALUATION OF A FOLDED PLATE GIRDER BRIDGE SYSTEM	
	3/1/13 to 6/30/17 RESEARCH	
CO-PI	PHARES, BRENT	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	SEO, JUNWON	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$100,000	CALIFORNIA INSTITUTE OF TECHNOLOGY	4042086
119007	NEW PATHWAYS TOWARD METASTABLE EXTENDED SOLIDS THROUGH MODERATE PRESSURE AND LARGE PLASTIC SHEAR: MULTISCALE SIMULATIONS AND EXPERIMENTS	
	1/14/13 to 1/15/15 RESEARCH	
	LEVITAS, VALERY	AEROSPACE ENGINEERING-ENGR
\$100,000	UNIVERSITY OF NORTHERN IOWA	4752809
122056	IMSEP FACULTY LINE SUPPORT IN MATHEMATICS/SCIENCE EDUCATION	
	6/1/12 to 5/31/13 MISCELLANEOUS	
	OLSON, JOANNE	SCHOOL OF EDUCATION-HS
\$97,962	BINATIONAL AGRICULTURAL RESEARCH & DEVELOPMENT FUND	4004228
121490	COMBINING DIVERSITY WITHIN SORGHUM BICOLOR FOR GENOMIC AND FINE MAPPING OF INTRA-ALLELIC INTERACTIONS UNDERLYING HETEROISIS	
	1/1/13 to 6/30/15 RESEARCH	
	YU, JIANMING	AGRONOMY-AES/CALS
\$93,858	NATIONAL PORK BOARD	4534057
120825	IMPACT OF SEASONAL HEAT STRESS ON FATTY ACID COMPOSITION AND PORK FAT QUALITY	
	5/1/13 to 4/30/14 RESEARCH	
CO-PI	BAUMGARD, LANCE	ANIMAL SCIENCE-AES/CALS
CO-PI	PATIENCE, JOHN	ANIMAL SCIENCE-AES/CALS
CO-PI	PRUSA, KENNETH	FOOD SCIENCE & HUMAN NUTRITION-HS
\$91,650	NAZARBAYEV UNIVERSITY	4002554
122122	JOINT RESEARCH ON ORGANIC SOLAR CELLS WITH NAZARBAYEV UNIVERSITY	
	3/6/13 to 9/15/13 RESEARCH	
	DALAL, VIKRAM	ELECTRICAL & COMPUTER ENGINEERING-ENGR

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$88,910	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001785
121149	AGGREGATE ROAD SURFACE REJUVENATION	
	1/30/13 to 7/31/14 RESEARCH	
CO-PI	JAHREN, CHARLES CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$85,524	IOWA SOYBEAN ASSOCIATION	4504324
118933	EFFECTS OF INTENSIVE CHEMICAL USE ON PATHOGENIC EXPRESSION OF FUSARIUM, SUDDEN DEATH SYNDROME AGENT, ON ROUNDUP READY SOYBEANS	
	10/1/12 to 9/30/13 RESEARCH	
CO-PI	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
	LI, XUN PLANT PATHOLOGY-AES/CALS	
\$82,780	UNIVERSITY OF WISCONSIN MADISON	4042081
117850	COLLABORATIVE RESEARCH: PSERC COLLABORATIVE PROPOSAL FOR A PHASE III INDUSTRY UNIVERSITY COOPERATIVE RESEARCH CENTER PROGRAM; THRUST AREA 6.2 OPERATIONAL AND PLANNING CONSIDERATIONS FOR RESILIENCY	
	1/1/12 to 2/28/14 RESEARCH	
	DOBSON, IAN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$79,318	NATIONAL PORK BOARD	4534031
120878	PROFESSIONAL DEVELOPMENT FOR U.S. SWINE PRODUCTION	
	2/27/13 to 12/31/13 INSTRUCTION/TRAINING	
	MEISINGER, DAVID AGRICULTURE ADMINISTRATION-AES/CALS	
\$76,427	SOUTHERN ILLINOIS UNIVERSITY	4004248
120805	APPLICATION OF BIOTECHNOLOGY TO CONTROL OF THE SOYBEAN CYST NEMATODE: SUBGROUP: SOYBEAN RESISTANCE GENES	
	10/1/12 to 9/30/13 RESEARCH	
	CIANZIO, SILVIA AGRONOMY-AES/CALS	
\$75,963	DIREVO INDUSTRIAL BIOTECHNOLOGY GMBH	4004423
121963	PHASE 3: ADDITIONAL LARGE-SCALE PILOT PLANT INVESTIGATIONS AT THE BIOCENTURY RESEARCH FARM	
	3/4/13 to 6/1/13 RESEARCH	
CO-PI	JOHNSON, LAWRENCE CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
	WANG, HUI CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
CO-PI	SUBY, ANDREW CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$75,200	AMERICAN EGG BOARD	4594028
121291	THE EGG INDUSTRY CENTER ECONOMIC ANALYSIS AND NEWSLETTER SERVICES	
	3/4/13 to 12/31/13 EXTENSION/PUBLIC	
	XIN, HONGWEI AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$74,854	KANSAS STATE UNIVERSITY	4101701
121550	ANALYSIS OF FARMER WILLINGNESS TO PRODUCE OILSEEDS FOR BIOFUEL IN THE WESTERN U.S.	
	1/1/12 to 6/30/13 RESEARCH	
	HUCK, SHIRLEY SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
\$70,000	RESEARCH CORPORATION FOR SCIENCE ADVANCEMENT	4002553
119783	SELF-DESTRUCTING LATENT FLUOROPHORES FOR DYNAMIC IMAGING	
	7/1/13 to 6/30/16 RESEARCH	
	WINTER, ARTHUR CHEMISTRY-LAS	
\$69,781	IOWA SOYBEAN ASSOCIATION	4503040
121360	DETERMINE THE HERITABILITY OF HPPD RESISTANCE IN COMMON WATERHEMP AND THE POTENTIAL FOR HYBRIDIZATION OF COMMON WATERHEMP AND PALMER AMARANTH	
	3/1/13 to 9/30/13 RESEARCH	
	OWEN, MICHEAL AGRONOMY-AES/CALS	
\$69,000	IOWA DEPARTMENT OF TRANSPORTATION	4741748
121249	IMPLEMENTATION OF THE IOWA DOT PAVEMENT MANAGEMENT OPTIMIZATION MODEL	
	11/1/07 to 12/31/13 RESEARCH	
	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$65,934	UNIVERSITY OF MINNESOTA TWIN CITIES	4103924
118993	BUILDING CAPACITY FOR CLIMATE EXTENSION PROGRAMS	
	1/1/13 to 12/31/15 EXTENSION/PUBLIC	
	MORTON, LOIS SOCIOLOGY-EXT	
CO-PI	BENNING, JAMIE SOCIOLOGY-EXT	

I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$59,830	DEERE & COMPANY	4002062
114477	AN INTEGRATED COMPUTATIONAL MATERIALS ENGINEERING (ICME) APPROACH TO FATIGUE	
	2/14/13 to 2/13/14 RESEARCH	
	BECKMAN, SCOTT MATERIALS SCIENCE & ENGINEERING-ENGR	
\$59,282	UNIVERSITY OF TENNESSEE	4044080
98260	MIDGEPEET: A COLLABORATIVE EFFORT TO INCREASE TAXONOMIC EXPERTISE IN UNDERSTUDIED FAMILIES OF NEMATOCEROUS DIPTERA	
	8/15/09 to 7/31/14 RESEARCH	
	COURTNEY, GREGORY ENTOMOLOGY-AES/CALS	
\$58,052	IOWA DEPARTMENT OF TRANSPORTATION	4747768
121881	POLYMER CONCRETE OVERLAY EVALUATION	
	5/1/13 to 10/31/15 RESEARCH	
	PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$55,525	DOI-U.S. GEOLOGICAL SURVEY (USGS)	4241704
121128	IOWA WATER CENTER ANNUAL BASE PROGRAM 104(B)	
	3/1/13 to 2/28/14 RESEARCH	
	CRUSE, RICHARD AGRONOMY-AES/CALS	
\$51,800	MRI GLOBAL	4001773
121922	INITIAL USRAP ACTIVITIES IN 2013	
	5/21/04 to 1/31/14 RESEARCH	
	HANS, ZACHARY INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$50,000	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	4042093
121304	INVESTIGATION OF NANOFILLER SURFACE TREATMENTS	
	2/18/13 to 9/30/13 RESEARCH	
	KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$47,520	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192383
120622	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$45,269	RENEWABLE FUELS ASSOCIATION	4004227
121959	CONDUCTING AN UPDATED AND FOCUSED SURVEY ON FEEDING DISTILLERS CO-PRODUCTS IN THE U.S.	
	1/1/13 to 5/31/14 RESEARCH	
	ROSENTRATER, KURT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$42,765	IOWA DEPARTMENT OF EDUCATION	4722807
122085	TEACHER PERFORMANCE ASSESSMENT CONSORTIUM	
	1/30/13 to 6/30/13 INSTRUCTION/TRAINING	
	SMITH, CARL SCHOOL OF EDUCATION-HS	
\$37,000	MORRIS ANIMAL FOUNDATION	4002381
121173	VACCINE CANDIDATES FOR CANINE VISCERAL LEISHMANIASIS	
	3/1/13 to 2/28/14 RESEARCH	
	PETERSEN, CHRISTINE VETERINARY PATHOLOGY-VET	
CO-PI	ESCH, KEVIN VETERINARY PATHOLOGY-VET	
\$36,000	IOWA SOYBEAN ASSOCIATION	4504325
122091	TOXIN ENGINEERING FOR APHID RESISTANT TRANSGENIC PLANTS	
	10/1/12 to 9/30/13 RESEARCH	
	BONNING, BRYONY ENTOMOLOGY-AES/CALS	
\$35,000	AMERICAN DAIRY GOAT ASSOCIATION	4001770
121260	IN VIVO EFFICACY OF SODIUM DODECYL SULFATE AND FORMIC ACID TREATMENT OF COLOSTRUM IN PREVENTION OF CAPRINE ARTHRITIS-ENCEPHALITIS VIRUS INFECTION IN NEONATAL GOATS	
	3/1/13 to 3/1/14 RESEARCH	
	TRUJILLO, JESSIE VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	PLUMMER, PAUL VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$31,250	ADVANCED TECHNOLOGY INSTITUTE	4042063
54211	INSTRUMENTATION AND CONTROL FOR ENERGY EFFICIENCY AND PRODUCTIVITY	
	3/21/05 to 9/30/13 RESEARCH	
CO-PI	PETERS S, FRANK INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
	FRANK, MATTHEW INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$31,034	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	4041744
120363	SPEED MANAGEMENT PROGRAM SUPPORT	
	9/21/12 to 9/21/15 RESEARCH	
	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$30,000	X-WAVE INNOVATIONS INC	4042508
119373	A LOW-COST HYBRID ULTRASONIC-RF SENSOR SYSTEM FOR CHARACTERIZATION OF COMPOSITE MATERIALS	
	1/29/13 to 7/29/13 RESEARCH	
	BOWLER, NICOLA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$30,000	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION	4042075
121530	DEVELOPMENT TOOL FOR ON-WING BLADE INSPECTION OPTIMIZATION	
	1/1/13 to 4/30/13 RESEARCH	
CO-PI	BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	ROBERTS, RONALD CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	GRAY, TIMOTHY CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR	
\$30,000	WEBFILINGS	4001729
121944	NSF/ I/UCRC CENTER FOR INFORMATION PROTECTION: SECURITY AND SOFTWARE ENGINEERING RESEARCH CENTER	
	1/1/13 to 12/31/13 RESEARCH	
	DANIELS, THOMAS ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$27,500	UNIVERSITY OF TEXAS DALLAS	4006032
121083	PERFORMANCE AND RELIABILITY ENHANCEMENT OF EMBEDDED ADCS WITH VALUE-ADDED BIST	
	2/1/13 to 7/31/13 RESEARCH	
	GEIGER, RANDALL ELECTRICAL & COMPUTER ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$27,500	UNIVERSITY OF TEXAS DALLAS	4006032
121083	PERFORMANCE AND RELIABILITY ENHANCEMENT OF EMBEDDED ADCS WITH VALUE-ADDED BIST	
	2/1/13 to 7/31/13 RESEARCH	
CO-PI	CHEN, DEGANG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$25,543	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192381
120623	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$25,000	BS ITALIA	4006034
121043	SEISMIC TESTING OF VICTORY CONNECTOR FOR FIELD IMPLEMENTATION	
	3/1/13 to 8/31/13 RESEARCH	
	SRITHARAN, SIVALINGAM CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$25,000	BOEHRINGER INGELHEIM VETMEDICA INC	4002389
121209	USE OF PRRS MLV VACCINE TO PRESERVE ANTIMICROBIAL EFFICACY DURING PRRS CHALLENGE	
	3/1/13 to 2/28/14 RESEARCH	
CO-PI	KARRIKER, LOCKE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COETZEE, JOHANN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ELLINGSON, JOSHUA VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$24,000	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	4042180
121635	THE SMALL MAGELLANIC CLOUD-A CASE STUDY OF X-RAY POPULATIONS AT LOW METALLICITY	
	2/20/13 to 12/30/14 RESEARCH	
	ANTONIOU, VALSAMO PHYSICS & ASTRONOMY-LAS	
\$23,925	ECOSMART TECHNOLOGIES	4004316
121494	EXPRESSION OF A OCTOPAMINE RECEPTOR IN CHO CELLS: DEVELOPMENT OF A HIGH-THROUGHPUT SCREENING SYSTEM	
	3/1/13 to 2/28/14 RESEARCH	
	COATS, JOEL ENTOMOLOGY-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$21,978	NATIONAL PORK BOARD	4534032
120787	A META-ANALYSIS OF BEST PRACTICES FOR MANAGEMENT AND LAND APPLICATION OF SWINE MANURE IN THE MIDWESTERN UNITED STATES 5/1/13 to 4/30/14 RESEARCH ANDERSEN, DANIEL AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS CO-PI HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT CO-PI CASTELLANO, MICHAEL AGRONOMY-AES/CALS	
\$19,242	JEFFERSON COUNTY AGRICULTURAL EXTENSION DISTRICT	4003310
121258	LEADERSHIP FOR THE FAIRFIELD ECONOMIC DEVELOPMENT ASSOCIATION 4/1/13 to 6/30/15 EXTENSION/PUBLIC BORICH, TIMOTHY COMMUNITY & REGIONAL PLANNING-EXT	
\$17,072	EUROPEAN FOOD SAFETY AUTHORITY	4002387
119106	SCIENTIFIC SERVICES TO SUPPORT EFSA SYSTEMATIC REVIEWS (LOT 7- ANIMAL HEALTH AND WELFARE) 2/11/13 to 3/11/13 RESEARCH OCONNOR, ANNETTE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$15,000	IOWA DEPARTMENT OF HUMAN SERVICES	4703029
121396	SERVSAFE TRAINING FOR CHILD CARE PROVIDERS 4/1/13 to 3/31/14 EXTENSION/PUBLIC STROHBEHN, CATHERINE APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT CO-PI MEYER, JANELL EXTENSION TO FAMILIES-EXT	
\$15,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4713034
121436	PESTICIDE MANAGEMENT PLAN FOR WATER QUALITY IN FY 2013 10/1/12 to 6/30/13 EXTENSION/PUBLIC SCHAEFER, KRISTINE ENTOMOLOGY-EXT CO-PI BUFFINGTON, ELIZABETH ENTOMOLOGY-EXT	
\$13,260	DAESANG CO LTD	4002831
121126	PHYSIOLOGICAL EVALUATION OF A RESISTANT STARCH 3/1/13 to 5/31/13 RESEARCH HENDRICH, SUZANNE FOOD SCIENCE & HUMAN NUTRITION-HS	

I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$11,000	NSF-NATIONAL SCIENCE FOUNDATION	4204103
120035	EVOLUTIONARY CONVERGENCE OR PARALLELISM? EXAMINING RECURRENT PATTERNS OF PHENOTYPIC EVOLUTION IN MARINE SCALLOPS 8/1/11 to 7/31/14 RESEARCH SERB, JEANNE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS CO-PI ADAMS, DEAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$10,000	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	4362004
120578	PARTNERSHIP TO ENHANCE GENERAL AVIATION SAFETY, ACCESSIBILITY AND SUSTAINABILITY (PEGASAS) 9/24/12 to 10/31/13 RESEARCH WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR	
\$10,000	SOLUM	4002568
122182	TESTING FIELD-MOIST SOIL FOR POTASSIUM AND OTHER NUTRIENTS 3/15/13 to 6/30/14 RESEARCH MALLARINO, ANTONIO AGRONOMY-AES/CALS CO-PI FORNEY, CRAIG INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$10,000	ALLIANT ENERGY	4002070
122255	EPRC SUPPORT 3/21/13 to 12/31/13 RESEARCH CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$9,600	NSF-NATIONAL SCIENCE FOUNDATION	4206236
121725	SHOCK WAVE INDUCED FREEFORM TECHNIQUE (SWIFT) FOR MANUFACTURING OF DIAMOND MICROTOOLS 3/12/13 to 7/31/13 RESEARCH MOLIAN, PALANIAPPA MECHANICAL ENGINEERING-ENGR	
\$8,500	ED-U.S. DEPARTMENT OF EDUCATION	4325731
120368	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY13 7/1/12 to 6/30/13 STUDENT FINANCIAL AID JOHNSON, ROBERTA STUDENT FINANCIAL AID-VP SA	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$8,000	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001797
120173	EVALUATION OF LOW COST CURVE TREATMENTS-PHASE I	
	1/28/13 to 11/30/13 RESEARCH	
CO-PI	HALLMARK, SHAUNA HAWKINS, NEAL	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR INSTITUTE FOR TRANSPORTATION-VPR/ED
\$8,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4713020
121435	WORKER PROTECTION OUTREACH PROJECTS FOR FY 2013	
	10/1/12 to 6/30/13 EXTENSION/PUBLIC	
CO-PI	SCHAEFER, KRISTINE BUFFINGTON, ELIZABETH	ENTOMOLOGY-EXT ENTOMOLOGY-EXT
\$8,000	AJINOMOTO USA INC	4004229
121856	PERENNIAL RYEGRASS ROOTING RESPONSE TO TRYPTOPHAN	
	2/25/13 to 12/31/13 RESEARCH	
	CHRISTIANS, NICK	HORTICULTURE-AES/CALS
\$7,198	ROCHESTER INSTITUTE OF TECHNOLOGY	4042047
111706	APRA-GENI: APPLYING A PROJECT-BASED APPROACH TO UNDERSTANDING MULTIPLE GENI RESOURCES NETWORKING RESEARCH	
	10/1/11 to 9/30/13 INSTRUCTION/TRAINING	
	GUAN, YONG	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$6,500	MICHIGAN STATE UNIVERSITY	4103033
122050	IOWA PLANT DIAGNOSTIC NETWORK	
	3/19/13 to 6/30/13 EXTENSION/PUBLIC	
	JESSE, LAURA	PLANT PATHOLOGY-EXT
\$4,307	IOWA DEPARTMENT OF TRANSPORTATION	4747740
121748	SMART WORK ZONE DEPLOYMENT INITIATIVE (SWZDI) FOR 2013	
	1/1/13 to 12/31/13 RESEARCH	
CO-PI	MCDONALD, THOMAS HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,675	UNITED ACTION FOR YOUTH	4003023
120970	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,225	FRIENDLY HOUSE	4003023
121017	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$687	ED-U.S. DEPARTMENT OF EDUCATION	4325711
116617	PELL GRANT, FY12	
	7/1/11 to 6/30/12 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$613	MUSCATINE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003023
120972	LOCAL SUPPORT FOR THE IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$459	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192356
116875	RESEARCH SUPPORT AGREEMENT	
	10/1/11 to 9/30/12 RESEARCH	
	HAYNES, JOSEPH VETERINARY PATHOLOGY-VET	
\$278	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192352
116738	RESEARCH SUPPORT AGREEMENT	
	10/1/11 to 9/30/12 RESEARCH	
	WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$252 USDA-AGRICULTURAL RESEARCH SERVICES (ARS) 4192351

116739 RESEARCH SUPPORT AGREEMENT

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

WANNEMUEHLER, MICHAEL

VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

\$90 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

4194829

117482 RESEARCH SUPPORT AGREEMENT

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

BEITZ, DONALD

ANIMAL SCIENCE-AES/CALS
