

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

\$402,718	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	
\$400,000	HOWARD HUGHES MEDICAL INSTITUTE	4002815
105170	ENGAGING YOUNG SCIENTISTS DURING THEIR FIRST TWO YEARS AT COLLEGE	
	9/1/10 to 8/31/13 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	4206234
119548	CAREER: USING HAPTICALLY AUGMENTED TACTILE COMMUNICATION METHODS TO FOSTER THE INCLUSION OF THE VISUALLY IMPAIRED IN STEM PROFESSIONS	
	9/1/12 to 9/30/17 RESEARCH	
	SCHWARTZ, CHRISTIAN MECHANICAL ENGINEERING-ENGR	
\$366,222	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4713010
120234	IOWA LEARNING FARMS: BUILDING A CULTURE OF CONSERVATION-FARMER TO FARMER: IOWAN TO IOWAN	
	1/1/13 to 12/31/13 EXTENSION/PUBLIC	
	MORTON, LOIS SOCIOLOGY-EXT	
CO-PI	CRUSE, RICHARD AGRONOMY-AES/CALS	
CO-PI	DUFFY, MICHAEL ECONOMICS-EXT	
CO-PI	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	COMITO, JACQUELINE SOCIOLOGY-EXT	
\$331,883	ED-U.S. DEPARTMENT OF EDUCATION	4321404
120351	STUDENT SUPPORT SERVICES	
	9/1/12 to 8/31/13 INSTRUCTION/TRAINING	
	KELLOGG, JAPANNAH STUDENT SUPPORT SERVICES-VPSA	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$300,000	IHI CORPORATION	4002527
120235	ONSITE COLLABORATION IN NONDESTRUCTIVE EVALUATION (NDE) AND PROBABILITY OF DETECTION (POD) STUDIES IN SUPPORT OF JET ENGINE COMPONENT DESIGN AND MANUFACTURE 11/1/12 to 10/31/13 RESEARCH	
CO-PI	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	NAKAGAWA, NORIO	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	MEEKER, WILLIAM	STATISTICS-LAS
\$250,000	NATIONAL ACADEMIES	4281718
120522	SHRP S-04(A) - ROADWAY INFORMATION DATABASE DEVELOPMENT AND TECHNICAL COORDINATION/QUALITY ASSURANCE FOR THE MOBILE DATA COLLECTION PROJECT 4/28/10 to 12/31/13 RESEARCH	
CO-PI	SMADI, OMAR	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$217,554	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
\$200,000	PENNSYLVANIA STATE UNIVERSITY	4042092
118174	IFAB FOUNDRY 4/24/12 to 12/21/12 RESEARCH	
CO-PI	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
CO-PI	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
\$198,610	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194075
120778	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	HOGBERG, MAYNARD	ANIMAL SCIENCE-AES/CALS
\$182,051	IOWA DEPARTMENT OF PUBLIC HEALTH	4783310
120388	MCH 1-800 HEALTHY FAMILIES/TEENLINE 10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	VANGINKEL, MARGARET	EXTENSION TO FAMILIES-EXT

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$175,000	USDA-RURAL DEVELOPMENT (RD)	4124041
119791	IOWA ALLIANCE FOR COOPERATIVE BUSINESS DEVELOPMENT	
	1/1/13 to 12/31/13 EXTENSION/PUBLIC	
	JACOBS, KERI ECONOMICS-AES/CALS	
CO-PI	JARBOE, DARREN CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
CO-PI	ARTZ, GEORGEANNE ECONOMICS-AES/CALS	
CO-PI	KIMLE, KEVIN ECONOMICS-EXT	
\$170,000	IOWA DEPARTMENT OF EDUCATION	4723009
120409	SAFE AND SUPPORTIVE SCHOOLS GRANT (S3)	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$164,749	COLORADO STATE UNIVERSITY	4004284
113211	MOLECULAR MOSQUITOCIDES: INNOVATIVE AND SUSTAINABLE CONTROL OF MALARIA VECTORS	
	7/1/11 to 6/30/14 RESEARCH	
	BARTHOLOMAY, LYRIC ENTOMOLOGY-AES/CALS	
\$147,864	NSF-NATIONAL SCIENCE FOUNDATION	4206233
119543	EMPOWERING THE VISUALLY IMPAIRED BY UNDERSTANDING LINKS BETWEEN TACTILITY AND PROPERTIES OF SURFACES	
	8/15/12 to 12/31/13 RESEARCH	
	SCHWARTZ, CHRISTIAN MECHANICAL ENGINEERING-ENGR	
\$144,882	IOWA DEPARTMENT OF TRANSPORTATION	4747926
119994	DEVELOPMENT OF NON-PETROLEUM BASED BINDERS FOR USE IN FLEXIBLE PAVEMENTS-PHASE 2	
	10/31/12 to 3/31/14 RESEARCH	
	WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$138,000	SANDIA CORPORATION-SANDIA NATIONAL LABORATORIES	4042179
120513	STATISTICALLY SIGNIFICANT RELATIONAL DATA MINING	
	3/16/09 to 9/30/13 RESEARCH	
	NORDMAN, DANIEL STATISTICS-LAS	

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$138,000	SANDIA CORPORATION-SANDIA NATIONAL LABORATORIES	4042179
120513	STATISTICALLY SIGNIFICANT RELATIONAL DATA MINING	
	3/16/09 to 9/30/13 RESEARCH	
CO-PI	KAISER, MARK STATISTICS-LAS	
\$125,000	IOWA DEPARTMENT OF TRANSPORTATION	4747923
120141	DURABLE PAVEMENT MARKING AND GROOVING	
	1/1/13 to 12/31/15 RESEARCH	
CO-PI	HAWKINS, NEAL INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$123,241	KANSAS STATE UNIVERSITY	4102314
96044	IDENTIFYING ECOLOGIC AND EPIDEMIOLOGIC FACTORS IN THE CONTROL OF PRRS: A FIELD-BASED APPROACH	
	8/1/08 to 6/30/13 RESEARCH	
CO-PI	ZIMMERMAN, JEFFREY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	OCONNOR, ANNETTE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	HOLTKAMP, DERALD VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$120,000	NSF-NATIONAL SCIENCE FOUNDATION	4202180
111192	ULTRAFAST MAGNETISM IN COMPLEX MATERIALS: COHERENT AND COOPERATIVE PHENOMENA	
	2/1/11 to 1/31/16 RESEARCH	
	WANG, JIGANG PHYSICS & ASTRONOMY-LAS	
\$120,000	IOWA DEPARTMENT OF TRANSPORTATION	4747925
120113	IOWA PAVEMENT ASSET MANAGEMENT DECISION FRAMEWORK	
	1/1/13 to 12/31/14 RESEARCH	
CO-PI	GRANSBERG, DOUGLAS CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	JEONG, HYUNG (DAVID) CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$115,565	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4191704
120843	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	REECY, JAMES OFFICE OF BIOTECHNOLOGY-VPR/ED	
\$107,117	IOWA SOYBEAN ASSOCIATION	4504323
120839	RNA BASED APPROACHES FOR PROTECTING AGAINST YIELD LOSS DUE TO SOYBEAN DISEASES	
	10/1/12 to 9/30/13 RESEARCH	
	BAUM, THOMAS PLANT PATHOLOGY-AES/CALS	
CO-PI	WHITHAM, STEVEN PLANT PATHOLOGY-AES/CALS	
\$104,644	UNIVERSITY OF TEXAS AT AUSTIN	4001716
119960	RTS #9 MEASURING PROJECT COMPEXITY AND ITS IMPACT	
	9/1/12 to 8/31/14 RESEARCH	
	SHANE, JENNIFER CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$92,749	MICHIGAN STATE UNIVERSITY	4104022
111100	GENOMIC SELECTION AND HERD MANAGEMENT OF IMPROVED FEED EFFICIENCY OF THE DAIRY INDUSTRY	
	5/1/11 to 4/30/14 RESEARCH	
	SPURLOCK, DIANE ANIMAL SCIENCE-AES/CALS	
\$82,707	IOWA DEPARTMENT OF TRANSPORTATION	4747921
120029	ASSESSMENT OF NON-DESTRUCTIVE TESTING TECHNOLOGIES FOR QUALITY CONTROL/QUALITY ASSURANCE TESTING OF ASPHALT MIXTURES	
	1/1/13 to 6/30/14 RESEARCH	
	ASHLOCK, JERAMY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$80,094	ENZYVIA LLC	4004146
119897	THE EFFECTS OF VARIOUS OPTIPHOS SUPPLEMENTATION LEVELS ON THE PERFORMANCE OF LAYING HENS: LONG TERM PERFORMANCE OF COMMERCIAL LAYING HENS FED DIETS DEFICIENT IN AVAILABLE PHOSPHROUS SUPPLEMENTATION OF	
	10/1/12 to 9/30/13 RESEARCH	
	PERSIA, MICHAEL ANIMAL SCIENCE-AES/CALS	

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

\$75,320	NATIONAL PORK BOARD	4532802
119049	THE EFFECT OF BREAKFAST MEALS DIFFERING IN MACRONUTRIENT COMPOSITION ON SATIETY AND COGNITIVE PERFORMANCE IN HEALTHY UNDERGRADUATE STUDENTS 12/1/12 to 12/1/13 RESEARCH	
CO-PI	HOLLIS, JAMES	FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI	HSU, WALTER	BIOMEDICAL SCIENCES-VET
CO-PI	WEST, ROBERT	PSYCHOLOGY-LAS
\$75,000	ROCKWELL COLLINS	4002083
120661	REFINED MAP-AIDED NAVIGATION FOR AERIAL PLATFORMS 11/16/12 to 9/15/13 RESEARCH	
	SOMANI, ARUN	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$69,957	NORTH CAROLINA STATE UNIVERSITY	4004111
118895	TARGETING ROOT-KNOT AND RENIFORM NEMATODE PARASITISM GENES TO DEVELOP NOVEL RESISTANCE IN SOYBEAN 10/1/11 to 9/30/13 RESEARCH	
	BAUM, THOMAS	PLANT PATHOLOGY-AES/CALS
\$60,667	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	4104017
119344	REGULATION OF ADIPOSE TISSUE METABOLISM IN LACTATING DAIRY CATTLE DURING HEAT STRESS (YEAR 3) 4/15/12 to 4/14/14 RESEARCH	
CO-PI	SPURLOCK, DIANE	ANIMAL SCIENCE-AES/CALS
CO-PI	BAUMGARD, LANCE	ANIMAL SCIENCE-AES/CALS
\$57,200	UNIVERSITY OF CALIFORNIA LOS ANGELES	4042138
117553	COLLABORATIVE RESEARCH: MRI CONSORTIUM: DEVELOPMENT OF A NOVEL TELESCOPE FOR VERY HIGH-ENERGY GAMMA-RAY ASTROPHYSICS 9/15/12 to 8/31/13 RESEARCH	
CO-PI	KRENNRICH, FRANK	PHYSICS & ASTRONOMY-LAS
CO-PI	WEINSTEIN, AMANDA	PHYSICS & ASTRONOMY-LAS
\$56,033	FRENCH AMERICAN CULTURAL EXCHANGE (FACE)	4004008
117890	FRANCO-AMERICAN ALLIANCE AND STUDENT EXCHANGE TO DESIGN NEXT GENERATION OF SUSTAINABLE, SAFE AND NUTRITIONAL FOOD 9/1/12 to 8/31/13 INSTRUCTION/TRAINING	
	JUNG, STEPHANIE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$56,033	FRENCH AMERICAN CULTURAL EXCHANGE (FACE)	4004008
117890	FRANCO-AMERICAN ALLIANCE AND STUDENT EXCHANGE TO DESIGN NEXT GENERATION OF SUSTAINABLE, SAFE AND NUTRITIONAL FOOD	
	9/1/12 to 8/31/13 INSTRUCTION/TRAINING	
CO-PI	HOLLIS, JAMES FOOD SCIENCE & HUMAN NUTRITION-HS	
\$55,493	IOWA SOYBEAN ASSOCIATION	4502101
120549	NOVEL CONTROL MECHANISMS FOR APHID RESISTANCE IN SOYBEAN	
	10/1/12 to 9/30/13 RESEARCH	
	MACINTOSH, GUSTAVO BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$54,000	VIETNAM INTERNATIONAL EDUCATION DEVELOPMENT	4001802
120480	VIETNAM INTERNATIONAL EDUCATION DEVELOPMENT FELLOWSHIP (VIED)	
	1/1/13 to 12/31/14 FELLOWSHIP	
	GRAVES, WILLIAM HORTICULTURE-AES/CALS	
\$52,460	INDIANA UNIVERSITY BLOOMINGTON	4042131
119634	METHODS FOR AUTOMATED SYNTHESIS OF OLIGOSACCHARIDES AND LECTIN TAGS	
	9/1/12 to 8/31/13 RESEARCH	
	JENKS, WILLIAM CHEMISTRY-LAS	
\$48,600	DRAKE UNIVERSITY	4753017
120717	FIRST LEGO LEAGUE FOR THE SC STEM HUB	
	10/1/12 to 4/30/13 EXTENSION/PUBLIC	
	COX, RONALD EXTENSION ADMINISTRATION-EXT	
CO-PI	SCHROEDER, CAMILLE ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	
\$48,329	KWANGWOON UNIVERSITY	4002061
120115	DEVELOPMENT OF A NEXT GENERATION SMART (PMIS) (PROJECT MANAGEMENT INFORMATION SYSTEM)	
	8/16/12 to 5/31/13 RESEARCH	
	JEONG, HYUNG (DAVID) CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$42,643	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4713013
120744	DEMONSTRATION OF THE IMPACTS OF MIXED ANNUAL-PERENNIAL AGROECOSYSTEMS ON WATER QUALITY AND WATER QUANTITY 10/1/12 to 9/30/13 EXTENSION/PUBLIC HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$38,000	IOWA DEPARTMENT OF TRANSPORTATION	4741794
120492	TTCC (TECHNOLOGY TRANSFER CONCRETE CONSORTIUM) 1/1/08 to 6/30/13 RESEARCH CO-PI CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$37,800	BOEHRINGER INGELHEIM VETMEDICA INC	4002304
119184	BIOLOGICAL RISK MANAGEMENT PRE-ASSESSMENT QUESTIONNAIRE FOR BEEF AND DAIRY OPERATIONS CONTENT DEVELOPMENT AND WEB BASED APPLICATION FOR BOEHRINGER INGELHEIM VETMEDICA INC 6/1/12 to 12/31/12 EXTENSION/PUBLIC ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET CO-PI BICKETT-WEDDLE, DANELLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$36,882	IOWA DEPARTMENT OF EDUCATION	4723004
118714	TEAM NUTRITION TRAINING GRANT 10/1/12 to 6/30/14 EXTENSION/PUBLIC CO-PI STROHBEHN, CATHERINE APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT LITCHFIELD, RUTH FOOD SCIENCE & HUMAN NUTRITION-EXT CO-PI LANNINGHAM-FOSTER, LORRAINE FOOD SCIENCE & HUMAN NUTRITION-HS	
\$35,000	IHI CORPORATION	4002519
121000	CENTER FOR NDE MEMBERSHIP 11/1/12 to 10/31/13 RESEARCH BOND, LEONARD AEROSPACE ENGINEERING-ENGR	
\$32,940	INDIANA UNIVERSITY BLOOMINGTON	4042103
119635	MESHING SYNTHESIS AND BIOSYNTHESIS FOR KDO: A KEY PLANT AND BACTERIAL SUGAR 7/1/12 to 6/30/13 RESEARCH JENKS, WILLIAM CHEMISTRY-LAS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$27,000	IOWA DEPARTMENT OF TRANSPORTATION	4741761
120732	TTCC: CONCRETE DURABILITY SYNTHESIS	
	1/1/08 to 6/30/13 RESEARCH	
	CO-PI CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$27,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194072
120779	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	GABLER, NICHOLAS ANIMAL SCIENCE-AES/CALS	
\$24,600	IOWA DEPARTMENT OF NATURAL RESOURCES	4734025
120009	ASSESSMENT OF IOWA HABITAT AND ACCESS PROGRAM	
	9/30/12 to 9/30/13 RESEARCH	
	CHRISTOFFEL, REBECCA NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$23,939	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714008
118753	STATEWIDE ON-FARM FOOD SAFETY PROGRAM	
	10/23/12 to 5/31/15 EXTENSION/PUBLIC	
	SHAW, ANGELA FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
	CO-PI STROHBEHN, CATHERINE APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT	
	CO-PI DOMOTO, PAUL HORTICULTURE-EXT	
	CO-PI WILSON, LESTER FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
	CO-PI SMITH, MARGARET VALUE ADDED AGRICULTURE-EXT	
	CO-PI NAEVE, LINDA VALUE ADDED AGRICULTURE-EXT	
\$22,954	IOWA DEPARTMENT OF NATURAL RESOURCES	4734228
119515	GENETIC STRUCTURE OF THE IOWA PLEISTOCENE SNAIL (DISCUS MACCKLINTOCKI)	
	9/30/12 to 9/15/15 RESEARCH	
	ROE, KEVIN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$22,587	CORPORATION FOR PUBLIC BROADCASTING	4001206
118304	FY 2012 RURAL STATION GRANT (RSG)	
	10/1/11 to 9/30/13 MISCELLANEOUS	
	HERRINGTON, MARY GRACE WOI RADIO-VPBF	
\$20,755	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714007
118828	DETERMINING THE OPTIMUM HARVEST TIME FOR ARONIA BERRIES TO MAXIMIZE THEIR ANTIOXIDANT AND SENSORY PROPERTIES	
	11/1/12 to 4/30/15 RESEARCH	
	WILSON, LESTER FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	NONNECKE, GAIL HORTICULTURE-AES/CALS	
\$20,018	SOUTH DAKOTA STATE UNIVERSITY	4042518
120491	REGIONAL BIOMASS FEEDSTOCK PARTNERSHIP-HERBACEOUS BIOENERGY CROP FIELD TRIALS	
	1/1/09 to 9/30/13 RESEARCH	
	HEATON, EMILY AGRONOMY-AES/CALS	
\$20,000	IOWA DEPARTMENT OF PUBLIC HEALTH	4782123
119704	MOU-2013-ISU-NU01 BETWEEN THE IOWA DEPARTMENT OF PUBLIC HEALTH AND IOWA STATE UNIVERSITY	
	10/1/12 to 9/30/13 RESEARCH	
	SHELLEY, MACK STATISTICS-LAS	
\$19,840	IOWA CORN PROMOTION BOARD	4513001
120716	NUTRIENT USE AND LAND MANAGEMENT: A COMPONENT OF THE IOWA LANDSCAPE SYSTEMS INITIATIVE	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	CRUMPTON, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$14,925	UNIVERSITY OF IOWA	4752302
119906	PARAMYXOVIRAL INFECTION OF PIGS	
	8/30/12 to 1/31/13 RESEARCH	
	ACKERMANN, MARK VETERINARY PATHOLOGY-VET	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$14,634	UNIVERSITY OF NORTHERN IOWA	4753010
119786	IOWA NASA EPSCOR: RESEARCH INFRASTRUCTURE DEVELOPMENT (RID) PROGRAM 11/1/12 to 10/31/13 EXTENSION/PUBLIC STAKER, JAY EXTENSION 4-H YOUTH DEVELOPMENT-EXT CO-PI FUCHS, CARMEN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$14,000	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-VPSA	
\$12,500	KANSAS STATE UNIVERSITY	4104058
118641	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	
\$10,815	KIRKWOOD COMMUNITY COLLEGE	4042810
120824	USING 21ST CENTURY STRATEGIES TO EDUCATE HEARTLAND EARLY CHILDHOOD PARAEDUCATORS 8/23/12 to 8/22/13 RESEARCH MAUDE, SUSAN HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$9,602	IOWA DEPARTMENT OF TRANSPORTATION	4742108
120072	REDEVELOPMENT OF THE SAFETY ANALYSIS, VISUALIZATION, AND EXPLORATION RESOURCE (SAVER) 10/1/07 to 12/31/12 RESEARCH MITRA, SIMANTA COMPUTER SCIENCE-LAS	
\$9,146	UNIVERSITY OF NORTHERN IOWA	4753005
120834	MANAGEMENT SUPPORT FOR THE IOWA NASA EPSCOR PROGRAM 1/1/11 to 8/31/13 EXTENSION/PUBLIC STAKER, JAY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$9,146	UNIVERSITY OF NORTHERN IOWA	4753005
120834	MANAGEMENT SUPPORT FOR THE IOWA NASA EPSCOR PROGRAM	
	1/1/11 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	FUCHS, CARMEN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$8,871	WASHINGTON STATE UNIVERSITY	4102301
120734	GENETIC SEQUENCING OF LOW-PATH AIV IN WILD BIRDS	
	9/24/12 to 9/23/13 RESEARCH	
	YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$7,500	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194076
120929	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	BEITZ, DONALD ANIMAL SCIENCE-AES/CALS	
\$7,448	UNIVERSITY OF MISSOURI COLUMBIA	4043008
120515	CHILD WELFARE TRAINING: CURRICULUM AND EVALUATION FOR HEALTHY MARRIAGE	
	9/30/12 to 9/29/13 EXTENSION/PUBLIC	
CO-PI	GREDER, KIMBERLY HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
	SANTIAGO, ANTHONY HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$5,508	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194077
120927	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	BEITZ, DONALD ANIMAL SCIENCE-AES/CALS	
\$5,399	AJINOMOTO CO, INC	4004152
120740	EFFECTS OF SOIL APPLIED TRYPTOPHAN ON CORN YIELD AND QUALITY	
	4/1/12 to 5/31/13 RESEARCH	
	MOORE, KENNETH AGRONOMY-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,000	SOY TRANSPORTATION COALITION	4001708
119957	PILOT PROJECT--DEMONSTRATION OF CAPABILITIES AND BENEFITS OF BRIDGE LOAD RATING THROUGH PHYSICAL TESTING 9/1/12 to 5/31/13 RESEARCH PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$4,999	DOJ-NATIONAL INSTITUTE OF JUSTICE (NIJ)	4284004
114317	AREA 1: EVALUATING REENTRY IN IOWA: CONTEXT, TREATMENT PROVISION, INDIVIDUAL PROPENSITY AND RECIDIVISM 1/1/12 to 12/31/13 RESEARCH PETERS, DAVID SOCIOLOGY-AES/CALS CO-PI HOCHSTETLER, ANDREW SOCIOLOGY-LAS	
\$4,480	CITY OF AMES, IOWA	4001306
121008	STREAM GAUGE MAINTENANCE AGREEMENT-SQUAW CREEK 10/1/12 to 9/30/13 MISCELLANEOUS MILLER, DAVID FACILITIES PLANNING & MANAGEMENT-VPBF	
\$4,297	PELLA CORPORATION	4006522
120782	DEVELOP LONG TERM CREEP CURVES FOR FIVE PVC SAMPLES FROM VARIOUS EXTRUSION SUPPLIERS USING DMA AND SUPERPOSITION TECHNIQUES 10/1/12 to 3/30/13 RESEARCH KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR CO-PI FORNEY, CRAIG INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPR	
\$3,900	WOMEN, FOOD & AGRICULTURE NETWORK	4103045
120863	FARM TRANSITION OPTIONS AND CONSERVATION LEASING 10/1/12 to 6/30/13 EXTENSION/PUBLIC LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT CO-PI BAKER, JOHN EXTENSION TO FAMILIES-EXT	
\$3,675	UNITED ACTION FOR YOUTH	4003023
120804	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM 9/1/12 to 8/31/13 EXTENSION/PUBLIC TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,675	UNITED ACTION FOR YOUTH	4003023
120804	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,570	WAYNE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003031
120229	LEADERSHIP FOR WAYNE COUNTY GROWING STRONG FAMILIES	
	7/1/12 to 6/30/13 EXTENSION/PUBLIC	
CO-PI	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	
	BRANTNER, KIM EXTENSION TO FAMILIES-EXT	
\$1,880	DRAKE UNIVERSITY	4753018
120725	STATE SCIENCE + TECHNOLOGY FAIR OF IOWA FOR SC STEM HUB	
	10/1/12 to 4/30/13 EXTENSION/PUBLIC	
CO-PI	STAKER, JAY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	SPENCER, ANDREA EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,387	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	