

**Cornell University, Office of Sponsored Programs**  
**Awards Received in May 2017**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
ACIMOVIC, SRDAN GORAN	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	DEVELOPMENT OF EFFECTIVE SPRAY PROGRAM FOR POST-INFECTION FIRE BLIGHT MANAGEMENT IN APPLES AND COST-BENEFIT ANALYSIS OF ITS KEY COMPONENTS	81927	\$149,950
AGNELLO, ARTHUR M	CALS Entomology	DOW AGRO	SPONSORED PRODUCT TESTING AGREEMENT	83625	\$10,000
ANDERSEN, ERIK L	Computer Science	NSF	CRII: CYBERLEARNING: AUTOMATIC DISCOVERY OF OPTIMAL PROGRESSIONS OF LANGUAGE CONTENT	80945	\$16,000
ARTZI, YOAV YIZHAK	Tech Research	SCHMIDT	LEARNING TO EXECUTE NATURAL LANGUAGE INSTRUCTIONS FOR ROBOTIC AGENTS	83083	\$200,000
AUSTERMAN, MARY	CALS Sea Grant	NYS (NYS DEC)	STATEWIDE STANDARDIZED TRAINING FOR WATERCRAFT INSPECTION STEWARD PROGRAMS	79169	\$100,000
BARBASH, DANIEL A	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	PREDCTORAL TRAINING IN GENETICS AND DEVELOPMENT	80225	\$1,064,650
BARRETT, KATHRYN F	CALS Animal Science	NY FARM VIABILITY INST	ONLINE EDUCATIONAL PROGRAM	81918	\$16,652
BASKIN, JEREMY M	Weill Institute	BECKMAN FDN	SYNTHETIC LIPID BIOLOGY: MEMBRANE ENGINEERING VIA CONTROLLED PHOSPHOLIPID SYNTHESIS IN VIVO	82132	\$750,000
BASSUK, NINA L	CALS School of Integrative Plant Science	US INTERIOR (NPS)	WASHINGTON DC ELM STUDY	83455	\$57,000
BEER, STEVEN V	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	TRIALS TO REDUCE ONION ROT	81961	\$119,715
BERGSTROM, GARY C	CALS School of Integrative Plant Science	U OF VERMONT	ASSESSMENT, DETECTION AND INNOVATIVE TREATMENT METHODS FOR SEED BORNE DISEASES IN ORGANIC WHEAT AND BARLEY SEED PRODUCTION	80306	\$80,859
BINDEL, DAVID	Computer Science	EATON US	CLOUD-BASED CASCADED MULTI-RATE VER AND FLEXIBLE LOAD CONTROL FOR SYNTHETIC REGULATING RESERVES	77474	\$298,222
BLOSSEY, BERND	CALS Natural Resources	NYS (NYS DEC)	NEW YORK STATE INVASIVE SPECIES RESEARCH INSTITUTE	71391	\$860,000
BOISCLAIR, YVES R	CALS Animal Science	USDA (USDA-NIFA)	MICRORNA REGULATION OF CORE ADIPOSE TISSUE FUNCTION THROUGH THE PREGNANCY-LACTATION CYCLE IN DAIRY COWS	80686	\$484,000
BOWMAN, DWIGHT D	Microbiology and Immunology	BAYER ANIMAL HLTH	REFINING THE CAPSULE ENDOSCOPY PROCEDURE AND DEVELOPING TOOLS TO FACILITATE ITS USE FOR ANTHELMINTIC EFFICACY TRIALS.: PO# 2111322401	83514	\$143,250
BRITO, ILANA L	Biomedical Engineering	SLOAN	PROBING THE UNDERLYING NETWORK OF GENE EXCHANGE IN THE HUMAN MICROBIOME	81288	\$60,000
BROWN, NELLIE J	Industrial & Labor Relations Ext Orgs	MONROE CTY	LEAD RENOVATION, REPAIR AND PAINTING TRAINING, INITIAL AND REFRESHER COURSES 2016-2017	80366	\$38,000
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	KANSAS ST U	IMPLEMENTING A GENOMICS-ASSISTED BREEDING PROGRAM IN A SMALL BREEDING PROGRAM IN A DEVELOPING COUNTRY	80126	\$582,127
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	BRKLYN COLL	RESILIENCE IN SCHOOLS CONSORTIUM (RISC): A STUDENT-LED PROGRAM TO CREATE CLIMATE RESILIENT COASTAL SCHOOLS AND COMMUNITIES IN NEW YORK CITY	79268	\$17,585
BUTCHER, JONATHAN T	Biomedical Engineering	AMER HEART	THE ROLE OF HYDROXYAPATITE PARTICLES ON LATE STAGE AORTIC VALVE CALCIFICATION	82666	\$5,000
CHANG, PAMELA V	Microbiology and Immunology	BECKMAN FDN	CHEMICAL TECHNOLOGIES FOR ELUCIDATING AND CONTROLLING INFLAMMATION	82325	\$750,000
CHATTERJEE, SHAMIBRATA	Center Astrophysics-Planetary Science	SPACE TELESCOPE	CYCLE 24 MID-CYCLE PROGRAM GO-14890 "SOLVING THE ENIGMA OF FAST RADIO BURST 121102"	82288	\$21,643

CHEN, YUDONG	Operations Research & Information Engr	NSF	CIF: MEDIUM: COLLABORATIVE RESEARCH: NONCONVEX OPTIMIZATION FOR HIGH-DIMENSIONAL SIGNAL ESTIMATION: THEORY AND FAST ALGORITHMS	81630	\$369,089
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	SYNGENTA FLOWERS	PRODUCT TESTING AGREEMENT (SYNGENTA FLOWERS TRIALS)	83334	\$10,000
DERRY, LOUIS A	Earth & Atmospheric Sciences	NSF (NSF GEO)	DEVELOPMENT OF A CRITICAL ZONE OBSERVATORY NATIONAL OFFICE	71423	\$183,189
DONNELLY, EVE L	Materials Science Engineering	NSF	CAREER: ROLE OF VARIATIONS IN TISSUE MATERIAL PROPERTIES IN BONE FRACTURE BEHAVIOR	74091	\$16,000
DONNELLY, EVE L	Materials Science Engineering	U OF CAL (UC DAVIS)	3D IN VIVO MORPHOMETRY OF TRABECULAR MICROSTRUCTURE	82516	\$16,214
FERRARI, SILVIA	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	EVENT BASED INTEGRATED SENSORIMOTOR PLANNING AND CONTROL FOR INSECT-SCALE ROBOTS	80480	\$1,022,160
FRAZIER, PETER	Operations Research & Information Engr	PRINCETON U	OPTIMAL LEARNING FOR EFFICIENT EXPERIMENTATION IN NANOTECHNOLOGY AND BIOCHEMISTRY	78527	\$1
FUSSELL, SUSAN	CALS Communication	NSF (NSF CISE)	II-NEW: LABORATORY FOR STUDYING NEXT GENERATION COMPUTER-MEDIATED TEAMWORK	81930	\$225,010
FUSSELL, SUSAN	CALS Communication	NSF (NSF CISE)	CHS: MEDIUM: IMPROVING DISTRIBUTED TEAMWORK THROUGH MOBILE ROBOTIC TELEPRESENCE SYSTEMS	77870	\$24,000
GAO, HUAIZHU	Civil & Environmental Engineering	SHMTU	OPTIMIZING OPERATIONS AND MANAGEMENT OF MULTI-MODAL URBAN TRANSPORT SYSTEMS FOR ENVIRONMENTAL IMPROVEMENT	80034	\$344,695
GIORDANO, JULIO O	CALS Animal Science	NY FARM VIABILITY INST	IMPROVING DAIRY COW HEALTH AND REDUCING DAIRY FARM LABOR COST BY AUTOMATING HEALTH MONITORING AND MANAGEMENT	81964	\$139,676
GIORDANO, JULIO O	CALS Animal Science	USDA (USDA-NIFA)	REPRO PHONE: A USER-FRIENDLY, RAPID, AND LOW-COST TOOL TO IMPROVE CATTLE REPRODUCTIVE MANAGEMENT	80673	\$455,000
GIORDANO, JULIO O	CALS Animal Science	NY FARM VIABILITY INST	INCREASING DAIRY FARM PROFITABILITY BY REDUCING THE INTERBREEDING INTERVAL AND OPTIMIZING CONCEPTION RATE OF LACTATING DAIRY COWS	81965	\$110,953
GORE, MICHAEL A	CALS School of Integrative Plant Science	USDA (ARS)	RNASEQ TO ACCELERATE OAT BREEDING FOR NUTRITIONAL QUALITY	77732	\$44,574
GRIFFITHS, PHILLIP	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	EXPANDING MARKET OPPORTUNITIES FOR NEW YORK GROWERS THROUGH ON-FARM EVALUATION AND DEVELOPMENT OF NEW KALE HYBRIDS	79318	\$99,801
HADAD, ROBERT G	CALS Cornell Cooperative Extension	NOFA-NY	EXPANDING FOOD SAFETY OUTREACH AND EDUCATION TO SMALL AND MID-SIZED FARMS IN NEW YORK AND VERMONT	80265	\$131,582
HAY, FRANK S	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	IMPROVED MANAGEMENT OF STEMPHYLIUM LEAF BLIGHT OF ONION IN NEW YORK	79327	\$99,962
HENDERSON, CHARLES R	Human Development	WCM	A PERSONALIZED SELF-MANAGEMENT PROGRAM FOR OLDER ADULTS WITH CHRONIC PAIN AND NEGATIVE EMOTIONS	81148	\$38,400
HENDRY, TORY	CALS Microbiology	USDA (USDA-NIFA)	LIFE AND DEATH IN THE PHYLLOSPHERE: EFFECTS OF PLANT ASSOCIATED BACTERIA ON APHID PESTS AND UNDERLYING GENETIC MECHANISMS	80717	\$382,032
HERNANDEZ, CHRISTOPHER J	Mechanical & Aerospace Engineering	HSS	THE MICROBIOME AND PERIPROSTHETIC JOINT INFECTION	80202	\$54,761
HIGGINS, ELIZABETH	CALS Cornell Cooperative Extension	U OF DELAWARE	GOOD TO GREAT - IMPROVING LABOR MANAGEMENT ON FRUIT AND VEGETABLE FARMS IN NEW YORK STATE	82049	\$50,000
HINES, MELISSA A	Cornell Center for Materials Research	SCSD	MATH SCIENCE PARTNERSHIP-SCIENCE INITIATIVE	72996	\$5,000

HINES, MELISSA A	Cornell Center for Materials Research	ITAC	ITAC- FUTUREWORKS NYC SERVICES	79933	\$60,893
HINES, MELISSA A	Chemistry and Chemical Biology	NSF	SUSCHEM: ORGANIC LINKAGES TO CONTROL AND ENHANCE TITANIUM DIOXIDE NANOCATALYSTS	81728	\$600,000
HOWARTH, ROBERT W	CALS Ecology & Evolutionary Biology	NSF (NSF BIO)	DISSERTATION RESEARCH: INTERACTIONS OF PH ON MOLYBDENUM AND PHOSPHORUS LIMITATION OF NITROGEN FIXATION IN THE AMAZON BASIN	81747	\$20,280
IFFT, JENNIFER E	CALS AEM	ENVDFUND	FEDERAL CROP INSURANCE PARTICIPATION AND ADOPTION OF SUSTAINABLE PRODUCTION PRACTICES BY U.S. FARMS	83502	\$50,000
JASPER, FRANCINE M.	CALS International Programs	NY CORN SOY	NEW YORK YOUTH INSTITUTE SEEDS FOR CHANGE	82148	\$29,993
JENA, DEBDEEP	Electrical & Computer Engineering	NSF	POLARIZATION-DRIVEN ELECTRON-HOLE BILAYERS IN QUANTUM WELLS	81798	\$400,000
JUNG, MALTE F	Information Science	NSF (NSF CISE)	CHS: SMALL: UNDERSTANDING AND SUPPORTING AFFECTIVE GROUNDING IN INTERCULTURAL TEAMWORK	72517	\$16,000
KELLING, STEVEN T	CALS Lab of O - Programs	NSF (NSF BIO)	COLLABORATIVE RESEARCH: ABI INNOVATION: DARK ECOLOGY: DEEP LEARNING AND MASSIVE GAUSSIAN PROCESSES TO UNCOVER BIOLOGICAL SIGNALS IN WEATHER RADAR	81154	\$309,306
KELLING, STEVEN T	CALS Lab of O - Programs	NSF (NSF BIO)	BIGDATA: COLLABORATIVE RESEARCH: IA: BIRDVOX: AUTOMATING ACOUSTIC MONITORING OF MIGRATING BIRD SPECIES	79244	\$16,000
KERANEN, KATHLEEN M	Earth & Atmospheric Sciences	NSF	COLLABORATIVE RESEARCH: INVESTIGATING EFFECTS OF GEOLOGIC COMPLEXITY ON INDUCED SEISMICITY, USING M0-M5.7 SEISMICITY FROM PRAGUE, OKLAHOMA	80201	\$137,201
KETTERINGS, QUIRINE	CALS Animal Science	NY FARM VIABILITY INST	DECISION AGRICULTURE: MANAGING NITROGEN AND YIELD IN CORN AND FORAGE SORGHUM UTILIZING DRONE NDVI IMAGING	81941	\$148,192
KNUTH, BARBARA A	Graduate School Financial Aid	NSF	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	81023	\$24,627
KNUTH, BARBARA A	Office of the Graduate School	NSF	COLLABORATIVE RESEARCH, AGEP TRANSFORMATION ALLIANCE: CIRTL AGEP - INCLUSIVE EXCELLENCE AND IMPROVED CLIMATE FOR FUTURE FACULTY	80361	\$16,716
KOPP, LISA M	CALS Lab of O - Programs	NYS (NYS PARKS & REC)	VISITOR CENTER SUPPORT	79643	\$175,000
KOREN, AMNON	CALS Molecular Biology & Genetics	OMRF	MECHANISMS REGULATING DNA REPLICATION IN THE DEVELOPING VERTEBRATE EMBRYO	79171	\$28,337
KRISHNAMURTHY, VIKRAM	Tech Research	SCHMIDT	SOCIAL LEARNING WITH RATIONAL INATTENTION	82934	\$200,000
LAMBERT, GUILLAUME	Applied & Engineering Physics	SLOAN	QUANTITATIVE SINGLE-CELL BIOPHYSICS: DEVELOPING NEW TOOLS TO STUDY ANTIBIOTIC ACTION	80867	\$60,000
LANCASTER, KYLE	Chemistry and Chemical Biology	SLOAN	UNDERSTANDING REACTIVITY VIA ELECTRONIC STRUCTURE: SPECTROSCOPIC STUDIES OF TRANSITION METAL MEDIATED SYNTHETIC AND ENZYMATIIC CATALYSIS	81222	\$60,000
LIFKA, DAVID	Center for Advanced Computing	NSF (NSF CISE)	CC*DNI DIBBS: DATA ANALYSIS AND MANAGEMENT BUILDING BLOCKS FOR MULTI-CAMPUS CYBERINFRASTRUCTURE THROUGH CLOUD FEDERATION	76221	\$47,860
LIS, JOHN T	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	COORDINATE GENE REGULATION IN ANIMAL CELLS	80652	\$1,863,604
LORDAN SANAHUJA, JAUME LORDAN	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	IMPROVING APPLE GROWER PROFITABILITY THROUGH PRECISION MANAGEMENT BY DEVELOPING AND IMPLEMENTING A SMART APP	81757	\$127,297
LUCKS, JULIUS	Chemical & Biomolecular Engineering	NORTHWESTERN U	CAREER: UNCOVERING QUANTITATIVE DESIGN PRINCIPLES OF RNA REGULATORS FOR SYNTHETIC BIOLOGY	80335	\$106,369

LUJAN, MARLA E	CALS Nutritional Sciences	WCM	3D ULTRASONOGRAPHY FOR THE EVALUATION OF ANOVULATORY DISORDERS IN LEAN AND OVERWEIGHT WOMEN	77371	\$2,015
LUO, DAN	CALS Biological & Environmental Engr	NSF (NSF ENG)	SNM: SCALABLE CELL-FREE PROTEIN MANUFACTURING VIA NANOCLAY-DNA (NANOC) MICRODONUTS	75855	\$16,000
MAROHN, JOHN	Chemistry and Chemical Biology	DOD (ARMY-ARO)	NANOSCALE SPIN HYPERPOLARIZATION AND IMAGING	81065	\$571,550
MCLASKEY, GREGORY CHRISTOFER	Civil & Environmental Engineering	NSF	MERGING LAB AND FIELD DATA: SEISMIC INDICATORS OF EARTHQUAKE NUCLEATION	80177	\$215,000
MEREDITH, GENEVIVE REBECCA FLORENCE	Population Medicine & Diagnostic Science	AMER EGG BD	FORMATIVE ASSESSMENT OF THE CUBAN DIET AND ITS IMPACT ON HEALTH INDICES (PROJECT	82903	\$25,000
MULLER, DAVID A	Applied & Engineering Physics	GM	HIGHLY-ACCESSIBLE CATALYSTS FOR DURABLE HIGH-POWER PERFORMANCE	76832	\$600,000
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	U OF CAL (UC SAN DIEGO)	SIMONS OBSERVATORY MEMBERSHIP AGREEMENT	83202	\$175,740
O'BRIEN, KIMBERLY	Nutritional Sciences	USAMRAA	REPORT OF STABLE CALCIUM ISOTOPE ANALYSIS	83211	\$290,414
PARPIA, JEEVAK N	Lab. of Atomic & Solid State Physics	NSF	NANOCONFINEMENT, NANOFUIDICS, NEW PHASES AND THEIR TRANSITIONS FOR SUPERFLUID 3 HR	81698	\$568,000
PECK, GREGORY M	CALS School of Integrative Plant Science	USACM	PHENOTYPING THE USDA-PGRU MALUS GERMPLOASM COLLECTION FOR NOVEL APPLES TO USE IN HARD CIDER PRODUCTION	82913	\$9,152
PECK, GREGORY M	CALS School of Integrative Plant Science	USACM	IMPACT OF NITROGEN FERTILIZATION ON ORCHARD PRODUCTIVITY, FRUIT QUALITY, CIDER TANNIN CONCENTRATIONS, AND FERMENTATION KINETICS	82942	\$12,124
PECK, MASON	Mechanical & Aerospace Engineering	NASA	PASSIVE, FAILURE-TOLERANT DOCKING AND UNDOCKING WITH ARTICULATED MAGNETS	76831	\$74,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	EXPLORING EXTREME TERRAIN USING A POLYHEDRAL ROVER	80174	\$74,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	CLOSE PROXIMITY ROBOTIC MANEUVERING THROUGH FLUX PINNING MANIPULATION	76830	\$74,000
PEPIOT, PERRINE	Mechanical & Aerospace Engineering	NSF	CAREER: ENABLING FUEL DESIGN AND OPTIMIZATION: AN INNOVATIVE APPROACH TO CAPTURE MULTI-COMPONENT CHEMISTRY EFFECTS IN LARGE-SCALE COMBUSTION SIMULATIONS	80620	\$501,233
POLLACK, LOIS	Applied & Engineering Physics	DHHS (NIH)	NUCLEIC ACID INTERACTIONS WITH PARTNERS: IONS AND PROTEINS	79840	\$1,681,336
QIAN, SHU-BING	Nutritional Sciences	DHHS (NIH)	O-GLCNAC SIGNALING IN TRANSLATIONAL CONTROL OF STRESS RESPONSE	80271	\$1,253,333
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	INCREASING PRODUCTION AND PROFITABILITY OF LOG-GROWN SHIITAKE MUSHROOMS IN NEW YORK	79330	\$77,939
RASMUSSEN, KATHLEEN M	Nutritional Sciences	ISRHML	N/A - TRAINEE TRAVEL FUND FOR SARAH REYES	83333	\$4,051
REED, PATRICK M	Civil & Environmental Engineering	PENN STATE	WHAT ARE SUSTAINABLE CLIMATE-RISK MANAGEMENT STRATEGIES?	70749	\$212,799
REINERS, STEPHEN	CALS School of Integrative Plant Science	MONSANTO	SERVICE ORDER #18	83457	\$8,700
RICE, AARON N	CALS Lab of O - Programs	DOD (ARMY-ARMY ERDC)	DEMONSTRATION OF SUBSURFACE PASSIVE ACOUSTIC MONITORING (SPAM) TO SURVEY FOR AND ESTIMATE POPULATIONS OF UNDERWATER-CALLING FROGS	80840	\$367,605
RICHARDS, KRISTY	Biomedical Sciences	WCM	TARGETING UNMET CLINICAL NEEDS FOR B-CELL LYMPHOMAS: THE PATH CORE (CORE C)	83409	\$159,684
RICHARDSON, RUTH	Civil & Environmental Engineering	RIVERKPER	MICROBIAL SOURCE TRACKING IN THE RONDOUT CREEK AND WALKILL RIVER WATERSHEDS, HUDSON VALLEY, NY	83138	\$13,801

RIZVI, SYED S	CALS Food Science	USDA (USDA-NIFA)	GENERATION AND CHARACTERIZATION OF LIPOSOMAL MICROCAPSULES FOR CO-DELIVERY OF HYDROPHILIC AND HYDROPHOBIC BIOACTIVES IN FOOD	80728	\$455,000
RUDSTAM, LARS G	CALS Natural Resources	SUNY (SUNY ENVIR SCI)	LAKE ONTARIO AND LAKE ERIE LOWER FOOD WEB MONITORING	82237	\$211,858
RYD, ANDERS SCHAFER, CHRIS	Cornell Lab Accelerator Sciences & Ed Biomedical Engineering	PRINCETON U WCM	U.S. CMS OPERATIONS AT THE LHC APOE4 AND MECHANISMS OF DIFFUSE WHITE MATTER INJURY	78877 79791	\$2,538,666 \$965,064
SCHULZE, WILLIAM D SCOTT, JEFFREY G	CALS AEM CALS Entomology	FORS MARSH BAYER (BAYER HEALTHCARE)	EXPERIMENTS ON TAX EVASION AND NON-PAYMENT DETERMINE THE FREQUENCY OF MUTATIONS IN THE VSSC, ACE AND CYP6D1 GENES THAT CONFER PYRETHROID INSECTICIDE RESISTANCE IN A POPULATION OF HOUSE FLIES FROM NORTH AMERICA.	83606 83332	\$21,724 \$11,045
SEGUIN, REBECCA	Nutritional Sciences	NYS (AGMRKT)	FARMERS' MARKET NUTRITION PROGRAM CORNELL COOPERATIVE EXTENSION OUTREACH	82158	\$49,908
SELVA VALERO, DANIEL	Mechanical & Aerospace Engineering	NASA (NSSC)	DESIGN AND OPTIMIZATION OF SPACE SYSTEM ARCHITECTURES: APPLYING AND EXTRACTING LESSONS LEARNED	79912	\$74,000
SETHI, SURESH ANDREW	CALS Natural Resources	SUNY (SUNY ENVIR SCI)	LAKE ONTARIO SALMONID MANAGEMENT RISK ASSESSMENT: REFINEMENT OF PREDATOR/PREY MODELS	82200	\$263,285
SHIELDS, ELSON J	CALS Entomology	NY FARM VIABILITY INST	BIOLOGICAL CONTROL OF CORN ROOTWORM USING NATIVE NY ENTOMOPATHOGENIC NEMATODES	81803	\$99,979
SHMATIKOV, VITALY SHVETS, GENNADY	Tech Research Applied & Engineering Physics	SCHMIDT U OF TEXAS SYS (UT AUSTIN)	RECONCILING PRIVACY AND UTILITY IN MACHINE LEARNING INVESTIGATIONS OF LINEAR AND NONLINEAR PROPAGATION OF ELECTROMAGNETIC WAVES IN TOPOLOGICAL PHOTONIC STRUCTURES	83087 82508	\$200,000 \$34,087
SHVETS, GENNADY SMITH EINARSON, MARGARET E	Applied & Engineering Physics CALS International Programs	UES AGRA	ALL DIELECTRIC FANO-RESONANT METASURFACES DEVELOPMENT OF WEST AFRICAN CENTER FOR CROP IMPROVEMENT PHASE III	82909 81357	\$50,000 \$199,953
STEEN, PAUL H	Chemical & Biomolecular Engineering	NSF (NSF ENG)	MANIPULATING NANOSTRUCTURE DURING HIGH-SPEED CASTING OF GLASSY METALS	71535	\$8,000
STEWART, CRYSTAL L	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	IMPROVING PROFITABILITY OF GARLIC PRODUCTION THROUGH UNDERSTANDING AND MANAGEMENT OF FUSARIUM DISEASES	79328	\$75,841
STOVER, PATRICK J SUNTIVICH, JIN	Nutritional Sciences Materials Science Engineering	DHHS (NIH-NIH NIDDK) NSF	HOMEOSTATIC REGULATION OF FOLATE METABOLISM COLLABORATIVE RESEARCH: SUSCHEM: UNDERSTANDING HYDROGEN INTERACTIONS WITH METASTABLE SURFACES FOR TUNABLE CATALYSIS SYSTEMS	66191 81405	\$1,960,000 \$437,265
TESTER, JEFFERSON	Chemical & Biomolecular Engineering	INL	RECOVERY OF RARE EARTH ELEMENTS FROM SUPERCRITICAL SOLUTION	82444	\$3,500
TEUKOLSKY, SAUL A	Center Astrophysics-Planetary Science	NSF	COLLABORATIVE RESEARCH: PETASCALE SIMULATIONS OF MERGING BLACK HOLES AND NEUTRON STARS	81903	\$18,899
TIFFANY, JENNIFER S TOPALOGU, HUSEYIN	NYC - Cooperative Extension Tech Research	NYS (AGMRKT) SCHMIDT	2017-2018 FARMERS MARKET NUTRITION PROGRAM CITY LOGISTICS: CHALLENGES AND OPPORTUNITIES IN THE INFORMATION AGE	82613 83136	\$49,992 \$200,000
VOGT, VOLKER M	CALS Molecular Biology & Genetics	NSF (NSF BIO)	REU SITE: MOLECULAR BIOLOGY AND GENETICS OF CELL SIGNALING	81109	\$326,825
WATKINS, CHRISTOPHER B	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	LIVING WITHOUT POSTHARVEST CHEMICAL CONTROL OF STORAGE SCALD IN APPLE FRUIT	79333	\$95,507

WICKINGS, KYLE G	CALS Entomology	PENN STATE	EXPLORING SOIL HEALTH AND PEST MANAGEMENT TRADE-OFFS TO MAXIMIZE CROP PRODUCTIVITY	80978	\$227,233
WIEDMANN, MARTIN	CALS Food Science	ILSI	LISTERIA MONOCYTOGENES SAMPLES: LISTERIA MONOCYTOGENES, CRONOBACTER SAKAZAKII, AND SALMONELLA REFERENCE STRAIN COLLECTION	40914	\$22,500
WIEDMANN, MARTIN	CALS Food Science	NYS (AGMRKT)	MILK QUALITY IMPROVEMENT RESEARCH	73039	\$100,000
WISE, KENNETH L.	CALS NYS Integrated Pest Management	NY FARM VIABILITY INST	OPEN FIELD STUDY WITH "AVIPEL SHIELD" SEED TREATMENT ON FIELD CORN TO DETER BIRDS FROM FEEDING ON CORN SEED AND SEEDLINGS	81844	\$25,261
WOLCZANSKI, PETER T	Chemistry and Chemical Biology	NSF	MANIPULATING LIGAND FIELDS: CAN 1ST ROW TRANSITION ELEMENTS BEHAVE AS THEIR 2ND ROW CONGENERS?	81395	\$540,000
WOLFORD, WENDY W	CALS Development Sociology	USDA (USDA-NIFA)	DESIGNING INTEGRATIVE LAND MANAGEMENT	79878	\$139,604
WU, MINGMING	CALS Biological & Environmental Engr	USDA (USDA-NIFA)	NANOLITER HABITAT PLATFORM FOR UNDERSTANDING HARMFUL ALGAL BLOOM	80719	\$450,200
YAPICI, NILAY	Neurobiology and Behavior	SLOAN	MOLECULAR AND NEURAL BASIS OF STATE DEPENDENT DECISIONS	81246	\$60,000
YOON, SO-YEON	Design and Environmental Analysis	DELOS	UNDERSTANDING FEEL GOOD-DO GOOD WORKPLACES: AN EVIDENCE-BASED APPROACH	83540	\$24,000
ZIEBARTH, NICOLAS R	Policy Analysis and Management	UPJOHN INST	US SICK PAY MANDATES AND THEIR IMPACT ON COVERAGE RATES, LABOR COSTS, WAGES AND EMPLOYMENT	83277	\$5,000