Cornell University, Office of Sponsored Programs
Awards Received in May 2016

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ALBRIGHT, LOUIS D	CALS Biological & Environmental Engr	NYSERDA	CONTROLLING HUMIDITY LEVELS TO SAVE ENERGY IN GREENHOUSES	78794	$49,999
ALEXANDER, JAMES P	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC - PHASE 2 R&D	70639	$964,162
AULT, TOBY R	CALS Earth and Atmospheric Science	NSF GEO	COLLABORATIVE RESEARCH: QUANTIFYING THE RISK OF WIDESPREAD MEGADROUGHT IN NORTH AMERICA	78199	$316,648
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	DOE	NEW METHODS TO PRODUCE AND EXTEND THE SPECTRAL RANGE OF PHOTOCATHODES FOR LARGE-AREA PHOTODETECTORS WITH MM-SCALE SPACE RESOLUTION	71498	$300,000
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA ARS	FHB MANAGEMENT RESEARCH IN NEW YORK	73081	$35,357
BERGSTROM, GARY C	CALS School of Integrative Plant Science	CCEJEFF	DIAGNOSIS AND ASSESSMENT OF DISEASES OF CORN AND SOYBEAN IN NORTHERN NEW YORK	78255	$22,723
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA ARS	ACQUISITION OF GOODS AND SERVICES	77141	$9,200
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	BOVINE PRACT	IMPROVING UDDER HEALTH IN DAIRY HEIFERS	79726	$16,399
BLOCK, WILLIAM	Cornell Inst for Social & Econ Research	INST FOR EMPLOYMENT RES	DATA CUSTODIAL ACTIVITIES FOR SCIENTIFIC USE FILES	72554	$40,495
BONASSAR, LAWRENCE	Biomedical Engineering	AERIN MED	COMBINED CHEMICAL AND RADIO FREQUENCY TREATMENT FOR RESHAPING OF THE NASAL SEPTUM	78859	$80,000
BONASSAR, LAWRENCE	Biomedical Engineering	WCM	INJECTABLE TISSUE ENGINEERED PATCHES TO ENHANCE LONG TERM REPAIR OF THE ANNULUS FIBROSIS	78692	$2,000
BRETSCHER, ANTHONY P	Weill Institute	NIH NIGMS	MICROFILAMENT ORGANIZATION AND REGULATION	77280	$2,053,248
BROWN, SUSAN K	CALS Geneva AES Finance & Operating	NYS AGMRKT	2015-2016 APPLE RESEARCH AND DEVELOPMENT PROGRAM	76683	$445,183
BROWN, SUSAN K	CALS Geneva AES Finance & Operating	NYS AGMRKT	2015-2016 ONION RESEARCH AND DEVELOPMENT PROGRAM	76701	$30,000
BROWN, SUSAN K	CALS Geneva AES Finance & Operating	NYS AGMRKT	2015-2016 CABBAGE RESEARCH AND DEVELOPMENT PROGRAM	76702	$30,000
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	U OF IL-URBANA-CHAMPAIGN	NOVEL TECHNOLOGIES TO SOLVE THE WATER USE PROBLEM OF HIGH YIELDING C4 BIOENERGY AND BIOPRODUCT FEEDSTOCK	77211	$462,242
CARROLL, JULIET E	CALS Integrated Pest Management	NYS AGMRKT	2015 NEW YORK STATE ORCHARD COOPERATIVE AGRICULTURAL PEST SURVEY	77122	$45,000
CARROLL, JULIET E	CALS Integrated Pest Management	NYS AGMRKT	2015 ORCHARD COMMODITY SURVEY - SPOTTED LANTERNFLY	79699	$37,800
CARROLL, JULIET E	CALS Integrated Pest Management	NYS AGMRKT	2015 NEW YORK STATE OUTREACH EFFORTS	79968	$8,500
CERIONE, RICHARD A	Cornell Lab Accelerator Sciences & Ed	NIH NIGMS	MACROMOLECULAR DIFFRACTION RESOURCE: MACCHESS	66862	$802,952
CHEONG, SOON HON H	Clinical Sciences	MORRIS ANIMAL	IMPROVING NEONATAL SURVIVAL AND PERINATAL HEALTH IN GUIDE DOG COLONIES	79547	$5,000
CHERNEY, DEBBIE J	CALS Animal Science	CCEJEFF	MAXIMIZING BOTH ALFALFA AND GRASS QUALITY OF MIXTURES	78203	$29,878
CHEW, CHIAT NAUN	Library Technical Svcs Automation	IMLS	NATIONAL STRATEGY FOR SHAREABLE LOCAL AUTHORITIES	78025	$98,484
CLARK, THEODORE	Microbiology and Immunology	TETRAGENETICS	EXPANDING THE USE OF TETRAHYMENA AS A PROTEIN EXPRESSION PLATFORM: SBIR PHASE II	76432	$318,543

COFFMAN, W. RONNIE	CALS International Programs	USAID	AGRICULTURE EDUCATION AND INNOVATIVE SYSTEMS PROJECT (AEISP)	62415	$1,090,949
CORDES, JAMES M	Center Astrophysics-Planetary Science	NRAO	TRACKING AND MANAGING DISEASES OF FLORICULTURE CROPS CAUSED BYOOMYCETES AND FUNGI	78847	$31,972
DANIEL, SUSAN	Chemical & Biomolecular Engineering	NSF ENG	A SINGLE PARTICLE IMAGING APPROACH FOR THE DETECTION OF VIRUS PHOENOTYPES IN A MIXTURE	68731	$7,000
DAWSON, PAUL R	Mechanical & Aerospace Engineering	LADISH	ADVANCED TITANIUM ALLOY MICROSTRUCTURE AND MECHANICAL PROPERTY MODELING	63728	$7,132
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	2016 CHIP POTATO BREEDING AND EVALUATION	79512	$32,922
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	2016 CONDUCT GROWER-EXTENSION YIELD TRIALS OF ADVANCED POTATO BREEDING LINES AND NEW VARIETIES	79513	$16,147
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	2016 FRESH POTATO BREEDING AND EVALUATION	79511	$10,000
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	DEPT COMMERCE - NOAA	THE NORTHEAST REGIONAL CLIMATE CENTER	79436	$3,068,374
DESJARDINS, OLIVIER	Mechanical & Aerospace Engineering	NAVY-ONR	MULTIPHYSICS CONTROL OF SPRAY FORMATION AND DISPERSION	78559	$7,431,061
DICHTEL, WILLIAM	Chemistry and Chemical Biology	WCM	DETERMINING OPTIMAL SEMI-CONDUCTING POLYMERS FOR A CYANIDE GAS SENSOR	77854	$10,000
DITOMMASO, ANTONIO	CALS School of Integrative Plant Science	USDA ARS	DEMOGRAPHY OF WEEDS IN THE NORTHEAST	77947	$41,961
DOUGLAS, ANGELA	CALS Entomology	NSF BIO	DIMENSIONS: ANIMAL-MICROBIAL INTERACTIONS AS AN ENGINE OF PHYLOGENETIC AND FUNCTIONAL DIVERSITY: INSIGHTS FROM INTERACTIONS BETWEEN DROSOPHILIDS AND THEIR RESIDENT MICROBIOTA	67587	$21,836
DUCHARME, NORMAND G	Clinical Sciences	GRAYSON-JOCKEY	THYRO-HYOID MUSCLE TRAINING TO TREAT DDSP	78065	$217,728
EARLS, CHRISTOPHER J	Civil & Environmental Engineering	NAVY-ONR	CHARACTERIZING AND FILTERING NATURALLY OCCURRING MAGNETOHYDRODYNAMIC SIGNATURES IN COASTAL OCEANIC FLOWS	79467	$150,000
EMR, SCOTT	Weill Institute	DRCF	DIVISION OF LABOR IN ESCRT-III PROTEINS DURING POLYMER ASSEMBLY AND MEMBRANE REMODELING	79548	$208,000
FARRELL, MICHAEL L	CALS Natural Resources	CCEJEFF	EVALUATING 3/16" MAPLE SAP TUBING SYSTEMS UNDER NATURAL-FLOW AND ARTIFICIAL VACUUM SYSTEMS IN NORTHERN NEW YORK	78256	$27,378
FERRARI, SILVIA	Mechanical & Aerospace Engineering	NAVY-ONR	ANALYSIS, CONTROL, AND ESTIMATION FOR MULTISCALE ADAPTIVE SENSOR SYSTEMS	78267	$476,236
FRY, WILLIAM E	CALS School of Integrative Plant Science	SIMPLOT	EVALUATION OF LATE BLIGHT RESISTANCE IN INNATE 2 POTATOES	79057	$67,453
FRY, WILLIAM E	CALS School of Integrative Plant Science	NYS AGMRKT	RO2 CONTROL AND GREENHOUSE BIOASSAY PROCEDURE FOR GN SOIL SAMPLES	78644	$40,000
FUSSELL, SUSAN	CALS Communication	NSF CISE	CHS: MEDIUM: IMPROVING DISTRIBUTED TEAMWORK THROUGH MOBILE ROBOTIC TELEPRESENCE SYSTEMS	77870	$1,200,000
GIBBONS, LAWRENCE	Cornell Lab Accelerator Sciences & Ed	FERMILAB	FERMILAB INTENSITY FRONTIER FELLOWSHIP - ANTOINE CHAPELAIN	79802	$17,500
GROHN, YRJO T	Population Medicine & Diagnostic Science	TEXAS A&M	MAXIMIZING VOLUNTARY COMPLIANCE IN ANTIMICROBIAL STEWARDSHIP PROGRAMS: A CRITICAL FACTOR FOR EFFECTIVE INTERVENTION	76715	$181,227
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	FEI	IFEI EM-PAD (PHASE L & 2 &4)	79321	$588,675
HAJEK, ANN E	CALS Entomology	USDA FOREST	DETECTION AND QUANTIFICATION OF AIRBORNE ENTOMOPHAGA MAIMAIGA CONIDIA	76745	$20,000
HAJEK, ANN E	CALS Entomology	GMSTS	LONG DISTANCE DISPERSAL OF AIRBORNE ENTOMOPHAGA MAIMAIGA SPORES	79906	$18,000

HANRATH, TOBIAS	Chemical & Biomolecular Engineering	HTR	MODULAR PHOTOREACTOR FOR PHOTOCATALYTIC REDUCTION OF CARBON DIOXIDE TO LIQUID FUELS - PHASE II	80153	$45,000
HANSEN, JULIE	CALS School of Integrative Plant Science	CCEJEFF	BROWN ROOT ROT OF ALFALFA: SECOND PRODUCTION YEAR YIELD OF POPULATIONS DEVELOPED AFTER EXPOSURE TO BROWN ROOT ROT FUNGUS AND ICE SHEETING	78215	$8,632
HANSEN, JULIE LYNN	CALS School of Integrative Plant Science	CCEJEFF	ALFALFA WINTER SURVIVAL IN NORTHERN NEW YORK	78212	$6,003
HARE, MATTHEW P	CALS Natural Resources	SUNY NY SEA GRANT	IDENTIFYING GENETIC AND HABITAT LIMITATIONS TO CISCO RESTORATION IN LAKE ONTARIO	76155	$107,677
HARGRAVES, MONICA J	Policy Analysis and Management	MONTCLAIR	CHARACTER VIRTUE DEVELOPMENT - EVALUATION CAPACITY BUILDING INITIATIVE	77714	$210,603
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	JPL	SDT ICE GIANTS PRE-DECADAL STUDY	79848	$18,000
HOFFMANN, ROALD	Chemistry and Chemical Biology	NSF MPS	CHEMICAL BONDING ACROSS THE PERIODIC TABLE	69054	$150,000
HUNTER, MICHAEL E	CALS Cornell Cooperative Extension	CCEJEFF	EVALUATION OF THE EFFICACY OF BT CORN FOR THE CONTROL OF WESTERN BEAN CUTWORM IN NORTHERN NEW YORK	79500	$17,787
HUNTER, MICHAEL E	CALS Cornell Cooperative Extension	CCEJEFF	ASSESSMENT OF PLANT TISSUE NUTRIENT LEVELS IN SOYBEAN IN NORTHERN NEW YORK	79503	$8,690
KASSABOV, MARTIN D	Mathematics	NSF MPS	REPRESENTATION THEORY OF GROUPS AND APPLICATIONS	78080	$229,281
KETTERINGS, QUIRINE	CALS Animal Science	CCEJEFF	BRACHYTIC DWARF BROWN MIDRIB FORAGE SORGHUM FOR IMPROVED FORAGE PRODUCTION, ROTATION PROFITABILITY, AND ENVIRONMENTAL STEWARDSHIP	80159	$24,520
KHATCHADOURIAN, LORI	Near Eastern Studies	NSF	DOCTORAL DISSERTATION IMPROVEMENT AWARD: THE ROLE OF FORTIFICATIONS IN REIFYING SOCIAL STRUCTURE	78550	$24,153
KIM, EUN-AH	Lab. of Atomic & Solid State Physics	SF	NEW STRATEGIES FOR MATERIALIZING TOPOLOGICAL SUPERCONDUCTIVITORS	78030	$118,374
LAI, DONG	Center Astrophysics-Planetary Science	SF	DYNAMICS AND FORMATION OF EXTREME EXOPLANETARY SYSTEMS	77994	$141,788
LAL, AMIT	Electrical & Computer Engineering	NAVY-SSCSD	MULTI-FOUNDRY CMOS INTEGRATED ULTRASONIC COMMUNICATION LINKS FOR TRUSTED INTEGRATED CIRCUITS	66553	$1,290,400
LEE, DAVID R	CALS The Charles H. Dyson School of AEM	PURDUE	PEER EFFECTS, ORGANIC FERTILIZERS, AND SOIL HEALTH: THE IMPACT OF EXPERIENTIAL LEARNING AND INFORMATION TRANSFERS ON FARMER VALUATIONS OF AGRICULTURAL INPUTS	78402	$14,997
LIBERT, SERGIY	Biomedical Sciences	AFAR	SIRT6 PROMOTES APOPTOSIS IN RESPONSE TO CELLULAR STRESS	79035	$5,000
LIU, RUI-HAI	CALS Food Science	PEPSICO	HEALTH BENEFITS OF WHOLE GRAINS REVIEW	80090	$30,194
LOEB, GREGORY M	CALS Entomology	NY FARM VIABILITY INST	BIOLOGY AND MANAGEMENT OF SPOTTED WING DROSOPHILA & OTHER PRODUCTION PRACTICES IN NEW YORK BERRY CROPS	79929	$252,000
LOEB, GREGORY M	CALS Entomology	RUTGERS	MANAGING AN INVASIVE DROSOPHILID SPECIES IN AGRICULTURE USING INNOVATIVE BEHAVIORAL MANIPULATION STRATEGIES	76469	$99,554
MAZOUREK, MICHAEL	CALS School of Integrative Plant Science	MICHIGAN ST U	A PRODUCTION SYSTEM FOR HIGH VALUE CROPS AT RISK FROM DOWNY MILDEW: INTEGRATING DETECTION, BREEDING, EXTENSION, AND EDUCATION	76829	$454,477

MCCUNE, AMY R	CALS Ecology & Evolutionary Biology	THE AGA	SPECIATION AND EVOLUTION OF NOVEL SKULL MORPHOLOGY IN CYPRINODON PUPFISHES	79934	$10,000
MITCHELL, SHARON E	Institute Biotechnology & Life Science	USDA ARS	ACQUISITION OF GOODS AND SERVICES	80100	$11,182
MOLNAR, ALYOSHA	Electrical & Computer Engineering	INVINCEA	INFORMATION THEORY FOR IMAGING FUNDAMENTAL CLASSICAL AND QUANTUM LIMITS FOR IMAGING WITH PHOTONS	79995	$195,194
MOLNAR, ALYOSHA	Electrical & Computer Engineering	GOOGLE	R2 TRANSCEIVER INTEGRATION	76436	$35,000
MULLEN, EMMA	CALS Entomology	CCEJEFF	IMPROVING BEEKEEPER MANAGEMENT PRACTICES TO INCREASE POLLINATOR HEALTH AND HONEY PRODUCTION IN NORTHERN NEW YORK	78262	$28,910
MUSICK, KELLY A	Policy Analysis and Management	STOCKHOLM UNIV	COLLABORATIVE PROJECT: COHABITATION AND FAMILY COMPLEXITY; HIS AND HER EARNINGS FOLLOWING PARENTHOOD	80212	$40,000
O'NEIL, KATHLEEN	CALS Cornell Cooperative Extension	CCEJEFF	LATE SUMMER-PLANTED OATS FOR FORAGE: A VIABLE OPTION FOR NORTHERN NEW YORK?	79498	$12,210
OCHS, MARY A	Mann Library	EXT FNDN	LAND GRANT INFORMATICS	79771	$6,709
PARK, HUIJU	Fiber Science and Apparel Design	IPP	LOW COST, LIGHTWEIGHT, MULTI-FUNCTIONAL FIRST RESPONDER BIOLOGICAL PROTECTIVE ENSEMBLE	77269	$84,874
PEPIOT, PERRINE	Mechanical & Aerospace Engineering	NSF	EAGER: ESTABLISHING A NOVEL COMPUTATIONAL FRAMEWORK TO INVESTIGATE THE ROLE OF CHEMICAL KINETICS IN CHEMICAL LOOPING COMBUSTION	79563	$79,977
PERELSTEIN, MAXIM	Physics	SF	2016-17 SIMONS FELLOWSHIP APPLICATION	78003	$115,213
PERRY, KEITH L	CALS School of Integrative Plant Science	USDA ARS	ADVANCING THE TECHNOLOGIES IN DETECTING, DIAGNOSING, AND CONTROLLING BLACK LEG DISEASE (DICKEYA SPP.) IN THE U.S.	78174	$29,126
RASMUSSEN, KATHLEEN M	Nutritional Sciences	NIH NICHD	TRAINING IN MATERNAL AND CHILD NUTRITION	76860	$853,580
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	CCEJEFF	PRECISION CROP LOAD, IRRIGATION AND MECHANIZATION TO OPTIMIZE FRUIT SIZE AND QUALITY OF NORTHERN NEW YORK APPLES	78257	$19,470
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	HIGH-DENSITY PLANTING SYSTEMS AND ROOTSTOCKS FOR SWEET CHERRIES IN THE EAST	79045	$9,000
RUBIN, DAVID L	Cornell Lab Accelerator Sciences & Ed	BROOKHAVEN	ILC DAMPING RING R&D	76976	$100,000
RUDSTAM, LARS G	CALS Natural Resources	SUNY NY SEA GRANT	VERTICAL HABITAT OF SALONIDS IN LAKE ONTARIO USING ARCHIVAL TAGS AND HYDRODYNAMIC MODELS	76148	$119,624
SCHIMENTI, JOHN C	Biomedical Sciences	NIH NICHD	RESEARCH AND CAREER TRAINING IN VERTEBRATE DEVELOPMENTAL GENOMICS	76969	$638,832
SCHIMENTI, JOHN C	Biomedical Sciences	BCCR	A PRECISION GENOMIC THERAPEUTIC FOR ARID1A-DEFICIENT BREAST CANCER	78872	$50,000
SCHNEIDER, FRED B	Computer Science	AF-AFOSR	POLICY ENFORCEMENT BY USING SECURITY LABELS	78401	$955,861
SCILLIERI-SMITH, JESSICA	Population Medicine & Diagnostic Science	CCEJEFF	SPECIATION AND QUANTIFICATION OF STREPTOCOCCUS-LIKE BACTERIA FROM BULK TANK MILK, BEDDING, AND TEAT SWABS PRE- AND POST- MILKING FROM HERDS IN NORTHERN NEW YORK	79892	$35,341
SHIELDS, ELSON J	CALS Entomology	CCEJEFF	IMPACT OF ALFALFA SNOUT BEETLE BIOCONTROL NEMATODES ON CORN ROOTWORM DURING THE CORN ROTATION	78263	$9,912
SKINNER, LARA R	Industrial & Labor Relations Ext Orgs	NYS LABOR	GENERAL SUPPORT FOR THE WORKER INSTITUTE AT CORNELL UNIVERSITY'S SCHOOL OF INDUSTRIAL AND LABOR RELATIONS 2015-2016	76983	$400,000

SMITH EINARSON, MARGARET E	CALS School of Integrative Plant Science	CCEJEFF	EVALUATING INDUSTRY-RECOMMENDED CORN HYBRIDS FOR GRAIN PRODUCTION AND LEAF DISEASE SEVERITY IN NORTHERN NEW YORK	78216	$16,461
SPENCER, MICHAEL	Electrical & Computer Engineering	VEECO	COLD VS. WARM WALL SIC REACTOR EVALUATION	78744	$10,000
TARDOS, EVA	Computer Science	NSF	AF: MEDIUM: COLLABORATIVE RESEARCH: ECONOMETRIC INFERENCE AND ALGORITHMIC LEARNING IN GAMES	77799	$701,267
TATE, ROSS E	Computer Science	NSF	PROGRAMMING LANGUAGES MENTORING WORKSHOP AT PLDI 2016	79493	$15,000
TELENKO, DARCY EP	CALS Cornell Cooperative Extension	N.CAR ST U	IPIPE VEGETABLE CROP COMPONENT	78662	$76,714
TELENKO, DARCY EP	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	MINIMIZING WILDLIFE IMPACTS ON YIELD AND FOOD SAFETY RISK IN VEGETABLES BY UTILIZING REPELLENCY TACTICS	78414	$74,534
TENNANT, BUD C	Clinical Sciences	ROCKEFELLER U	CHARACTERIZATION OF RECENTLY DISCOVERED LIVER-TROPIC VIRUSES IN HORSES	74668	$844,284
TONG, LANG	Electrical & Computer Engineering	ARIZONA STATE U	PSERC-TONG	65603	$15,000
TURNER, ANDREW S	Bronfenbrenner Ctr forTranslational Rsch	NATL 4-H	2016 NATIONAL YOUTH SCIENCE DAY CHALLENGE	80033	$50,000
VIANDS, DONALD R	CALS School of Integrative Plant Science	CCEJEFF	BREEDING ALFALFA VARIETIES WITH RESISTANCE TO ALFALFA SNOUT BEETLE	78214	$35,033
WAGNER, BETTINA	Population Medicine & Diagnostic Science	USIHC	NORMAL BLOOD VALUES OF ICELANDIC HORSES	79679	$12,857
WILDEMAN, CHRISTOPHER J	Policy Analysis and Management	CASEY	DATA AND RESEARCH TO INFORM PRACTICE AND POLICY REFORM	80070	$49,450
WISE, FRANK W	Applied & Engineering Physics	GEORGIA STATE	NOVEL NONLINEAR OPTICAL PROCESSES IN ACTIVE, RANDOM, AND NANOSTRUCTURED SYSTEMS	69310	$228,115
WOLFE, DAVID WALTER	CALS School of Integrative Plant Science	USDA FAS	EC LEDS KENYA	79706	$12,764
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	BAYLOR U. (BAYLOR MED)	REVERSE ENGINEERING NEOCORTICAL INTELLIGENCE	76260	$2,167,003