

**Cornell University, Office of Sponsored Programs  
Awards Received in November 2016**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
AGNELLO, ARTHUR M	CALS Entomology	N CAROLINA ST U	MANAGEMENT OF THE BROWN MARMORATED STINK BUG IN U.S. SPECIALTY CROPS	79580	\$369,009
ALEXANDER, JAMES P	Cornell Lab Accelerator Sciences & Ed	NSF	PARTICLE PHYSICS AT CMS IN THE HIGH LUMINOSITY ERA	78281	\$3,870,000
BANFIELD, DONALD BARBANO, DAVID M	Center Astrophysics-Planetary Science CALS Food Science	NASA USDA AMS	PLANETARY POLARIZATION NEPHELOMETER MILK TESTING METHODOLOGY IMPROVEMENT AND STANDARDIZATION	77803 15366	\$864,907 \$307,868
BATES, TERENCE R	CALS School of Integrative Plant Science	NY WINE/GRAPE	A SYSTEM APPROACH TO CONCORD PRODUCTIVITY AND FRUIT QUALITY IN THE LAKE ERIE PRODUCTION REGION	69277	\$44,911
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	COLORADO ST U	GENOMIC SELECTION FOR IMPROVED FERTILITY OF DAIRY COWS WITH EMPHASES ON CYCLICITY AND PREGNANCY	79465	\$20,570
BLESSING, CAROL J	Industrial & Labor Relations Ext Orgs	NYS DDPC	SIBLING EDUCATION RESOURCE, TRAINING AND INFORMATION NETWORK (SERTAIN)	78857	\$99,998
BOESCH, JORDYN M BRITO, ILANA L	Clinical Sciences Biomedical Engineering	IVAPM CDC	SCHOLARSHIP FOR MONIKA MOSTOWY SURVEILLANCE OF RESISTANCE GENE CARRIAGE IN LONG-TERM INPATIENT CARE: A TAXONOMY-FOCUSED APPROACH	81486 80012	\$2,000 \$500,000
BROWN, SUSAN K	CALS Geneva AES Finance & Operating	NYS AGMRKT	2016-17 APPLE RESEARCH AND DEVELOPMENT PROGRAM: YEAR 2	80325	\$500,000
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	EPA	LONG ISLAND SOUND STUDY (LISS) NEW YORK PUBLIC OUTREACH PROGRAM	70737	\$198,747
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	SUNY - STONY BROOK	GREAT LAKES ECOSYSTEM RESTORATION, CONSERVATION AND COASTAL RESILIENCY	72043	\$91,846
CERRA, JOSHUA F	CALS Landscape Architecture	US DEPT OF STATE (USE CAIRO)	TRAINING AND RESEARCH ON INTEGRATED SOLUTIONS TO RISING GROUND WATER IN HISTORIC SETTINGS	81342	\$16,786
CHEN, PENG	Chemistry and Chemical Biology	ARMY ARO	TRACKING LIVING POLYMERIZATION AT THE SINGLE-MOLECULE LEVEL	73232	\$270,102
CHEN, PENG	Chemistry and Chemical Biology	ARMY ARO	CATALYTIC REACTIVITY AT NANOSCALE METAL-METAL INTERFACES	69293	\$69,372
COLLINS, LANCE	Dean and Associate Deans	NSF	I-CORPS NODE: UPSTATE NEW YORK ALLIANCE FOR ENTREPRENEURIAL INNOVATION	79546	\$4,200,000
CORNWELL, BENJAMIN	Sociology	U OF VIRGINIA	THE INFLUENCE OF SOCIAL NETWORKS ON DISPARITIES IN POSTNEONATAL INFANT MORTALITY	78698	\$87,720
COWEN III, EDWIN A	Civil & Environmental Engineering	NSF	PFI:BIC - ACHIEVING THE HYPE: LEVERAGING STORAGE TO TURN SMART METERS INTO A SMART SERVICE SYSTEM	78658	\$1,000,000
CURTIS, PAUL D	CALS Natural Resources	CAYUGA HEIGHTS	DEER RESEARCH AND MANAGEMENT PLAN, VILLAGE OF CAYUGA HEIGHTS, NEW YORK	75498	\$16,513
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	NYSERDA	ESTABLISHMENT OF A NEW YORK CLIMATE CHANGE SCIENCE CLEARINGHOUSE	69565	\$54,752
DELISA, MATTHEW	Chemical & Biomolecular Engineering	NSF	A SCALABLE PIPELINE FOR GENERATING SYNTHETIC ANTIBODIES AGAINST DESIGNER GLYCOTOPES	78040	\$300,000
FINKELSTEIN, JULIA L	Nutritional Sciences	U OF S CAROLINA	PERICONCEPTIONAL SURVEILLANCE FOR PREVENTION OF ANEMIA AND BIRTH DEFECTS IN INDIA	76461	\$150,000

FORTIER, LISA	Clinical Sciences	ARTHREX, INC.	BIOCARTILAGE (BC) BEHAVIOR IN FIBRINOGEN PREPARATIONS	81009	\$43,622
FUCHS, MARC	CALS School of Integrative Plant Science	CGRRF	RESISTANCE TO GRAPEVINE LEAFROLL-ASSOCIATED VIRUS 3 AND THE GRAPE MEALYBUG	81391	\$75,000
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	NYSEDUC	ACCES-VR COMPREHENSIVE NEEDS ASSESSMENT	81695	\$260,465
GORE, MICHAEL A	CALS School of Integrative Plant Science	COTTON INC.	FIELD BASED HIGH THROUGHPUT PHENOTYPING OF COTTON	72200	\$45,000
GREEN, KEITH E	Design and Environmental Analysis	NSF	SCH: EXP: HOME+, AN INTELLIGENT AND INTEROPERABLE SUITE OF ROBOTIC FURNISHINGS, LEARNING AND EVOLVING WITH THEIR USERS	81402	\$593,218
HERNANDEZ, SARA X	Office of the Graduate School	AMER ASSOC UNIV WOMEN	EMPOWERING WOMEN IN STEM TO LEAD THROUGH INCLUSIVE PRACTICE AND COMMUNITY BUILDING	81447	\$4,800
HOEPTING, CHRISTINE A	CALS Cornell Cooperative Extension	RUTGERS	IR-4 NORTHEAST REGION MINOR CROP PEST MANAGEMENT PROGRAM - FOOD RESIDUE PROGRAM	81539	\$3,000
HOPCROFT, JOHN E	Computer Science	ARMY ARO	MATHEMATICAL FOUNDATIONS FOR NETWORK SCIENCE	73590	\$67,368
JUELS, ARI	Tech Research	NSF	NSF SATC TTP: PYTHIA A PASSWORD HARDENING SERVICE TTP: MEDIUM: COLLABORATIVE: DEMOCRATIZING SECURE PASSWORD MANAGEMENT	77740	\$1,197,699
KERANEN, KATHLEEN M	Earth & Atmospheric Sciences	NSF	COLLABORATIVE PROPOSAL: RAPID SEISMIC RESPONSE TO THE 2016 M5.8 PAWNEE EARTHQUAKE	81294	\$23,881
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	\$90,005
KREPS, SARAH	Government	KOCH	TAXING WARS: HOW BEARING THE FINANCIAL COSTS OF WAR AFFECTS DEMOCRATIC ACCOUNTABILITY	81343	\$30,000
LEHMANN, CHRISTOPHER J	CALS School of Integrative Plant Science	BGR GERMANY	IMPLEMENTATION OF A SOCIO-ECONOMIC ANALYSIS FOR THE USE OF BIOCHAR SYSTEMS TO IMPROVE THE SOIL AND NUTRIENT MANAGEMENT IN AGRICULTURE IN ETHIOPIA	81062	\$30,000
LEI, XINGEN	CALS Animal Science	EVONIK	SPONSORED RESEARCH AND DEVELOPMENT AGREEMENT	79908	\$355,238
LEVINE, GILBERT	Einaudi Center for Intl Studies	US DEPT OF EDU	2016 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM	79983	\$1,452
LEVINE, GILBERT	Einaudi Center for Intl Studies	US DEPT OF EDU	2016 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM	79983	\$117,440
LIFKA, DAVID	Center for Advanced Computing	NSF CISE	CC*DNI DIBBS: DATA ANALYSIS AND MANAGEMENT BUILDING BLOCKS FOR MULTI-CAMPUS CYBERINFRASTRUCTURE THROUGH CLOUD FEDERATION	76221	\$105,161
LIFKA, DAVID	Center for Advanced Computing	U OF ILLINOIS (UIUC)	XSEDE: THE EXTREME SCIENCE AND ENGINEERING DISCOVERY ENVIRONMENT	62599	\$100,590
LUCKS, JULIUS	Chemical & Biomolecular Engineering	NORTHWESTERN U	A NEW-HIGH THROUGHPUT TECHNOLOGY TO REVEAL THE DYNAMIC FUNCTIONAL STATES OF RNAS	80194	\$139,109
MARSCHNER, STEPHEN R	Computer Science	NSF	CM: COLLABORATIVE RESEARCH: SIMULATION-BASED SOFTWARE TOOLS FOR AUTOMATED KNITTING	80108	\$299,954
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	VERAISON TO HARVEST NEWSLETTER	70812	\$21,853
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	BUD HARDINESS AND WINTER INJURY ASSESSMENT	74080	\$17,317
MCCLEARY-WHEELER, ANGELA L	Clinical Sciences	AKC CHF	TARGETING THE CANCER EPIGENOME: THE EFFECT OF SPECIFIC HISTONE LYSINE METHYLTRANSFERASE INHIBITION IN CANINE B-CELL LYMPHOMA	80916	\$78,069

MILLER, ANDREW D	Biomedical Sciences	TEMPLE U	MONOCYTES/MACROPHAGE TRAFFIC AND PERIPHERAL NERVE PATHOGENESIS	81947	\$25,333
MILLER, MATTHEW P	Mechanical & Aerospace Engineering	U OF CAL - SANTA BARBARA	STRESS DISTRIBUTIONS IN POLYCRYSTALLINE ALLOYS	80051	\$615,000
MUSICK, KELLY A	Policy Analysis and Management	U OF MICHIGAN	FAMILY COMPLEXITY, RESOURCES, AND THE TRANSITION TO ADULTHOOD	76929	\$351,726
NYDAM, DARYL V	Population Medicine & Diagnostic Science	NUTEK	USE OF "OPTIMUM SCC CONCENTRATED" AS A TREATMENT FOR SUBCLINICAL MASTITIS IN DAIRY COWS WITH HIGH SOMATIC CELL COUNT	81242	\$27,052
OBER, CHRISTOPHER K	Materials Science Engineering	NSF	DMREF: PAIRED IONIC-ELECTRONIC CONDUCTORS IN SPATIALLY CONFINED SELF-ASSEMBLING ROD-COIL BLOCK COPOLYMERS AND BOLA-AMPHIPHILES	78504	\$1,200,000
OCHS, MARY A	Mann Library	GATES FDN	AGRIKNOWLEDGE	81207	\$467,365
ONG, ANTHONY D	Human Development	WCM	POSITIVE AFFECT AND CHRONIC PAIN IN OLDER ADULTS: A SYSTEMATIC REVIEW AND META-ANALYSIS	79532	\$10,557
OSOFSKY, STEVEN A	Population Medicine & Diagnostic Science	WORLD WILDLIFE	LIVESTOCK AND WILDLIFE CONSERVATION IN THE KAZA TRANSFRONTIER CONSERVATION AREA: MARKET OPPORTUNITY IDENTIFICATION FOR CBT BEEF	81679	\$70,000
PARIKH, TAPAN	Tech Research	NSF	CAREER: IMPROVING THE ACCESSIBILITY AND TRUST OF VOICE-BASED SOCIAL MEDIA FOR SMALL FARMERS IN DEVELOPING REGIONS	79954	\$237,511
PATTERSON, J RITCHIE	Cornell Lab Accelerator Sciences & Ed	DOE (JEFFERSON LAB)	CLEO MAGNET REMOVAL	79116	\$101,551
PATTERSON, J RITCHIE	Cornell Lab Accelerator Sciences & Ed	DOE (JEFFERSON LAB)	CLEO MAGNET REMOVAL	79116	\$2,877
PRITCHARD, MATTHEW	Earth & Atmospheric Sciences	NASA	COUPLED CHANGES IN THE CRYOSPHERE AND SOLID EARTH MEASURED BY SPACE GEODESY	78987	\$30,000
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	NYS AGMRKT	SMALL FARMS PROGRAM - VETERANS	80189	\$115,000
REED, PATRICK M	Civil & Environmental Engineering	PENN STATE	WHAT ARE SUSTAINABLE CLIMATE-RISK MANAGEMENT STRATEGIES?	70749	\$103,552
REINERS, STEPHEN	CALS School of Integrative Plant Science	RUTGERS	FOOD RESIDUE PROGRAM	81491	\$63,000
REISCH, BRUCE I	CALS School of Integrative Plant Science	NY WINE/GRAPE	BREEDING AND EVALUATION OF NEW WINE GRAPE VARIETIES WITH IMPROVED COLD TOLERANCE AND DISEASE RESISTANCE	69282	\$39,032
RICKARD, JOLENE K	CALS Amer Indian and Indigenous Studies	U OF TORONTO	GROWING GRASAC: MOBILIZING GREAT LAKES INDIGENOUS HERITAGE FOR THE 21ST CENTURY	80895	\$13,442
RIEGER, OYA YILDIRIM	Digital Scholarship Services Dept	SLOAN	NEXT-GEN ARXIV PHASE I INITIATIVE	81048	\$445,244
RUSSELL, DAVID G	Microbiology and Immunology	MICHIGAN ST U	THE ROLE OF MONOCYTES IN THE PATHOLOGY OF SEVERE MALARIA	66699	\$160,394
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	DEVELOPMENT OF RAPID APPROACHES FOR QUANTIFYING KEY FLAVOR COMPOUNDS AND THEIR PRECURSORS IN GRAPES	72600	\$112,844
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	EVALUATING THE USE OF SO2 GAS DETECTION TUBES FOR PREDICTING MICROBIAL SPOILAGE OF WINES - GOING FROM THE BENCH TO THE WINERY	80732	\$17,459
SACKS, GAVIN	CALS Food Science	USDA NIFA	PAPM EAGER: SOLID PHASE MESH ENHANCED SORPTION FROM HEADSPACE (SPMESH) - A PLATFORM FOR HIGH-THROUGHPUT PHENOTYPING FOR SPATIALLY RESOLVED STUDIES OF TRACE VOLATILES	80637	\$275,000
SCHLOM, DARRELL	Materials Science Engineering	NSF	PROXIMATE TWO-DIMENSIONAL ELECTRON AND HOLE GASES IN AMBIPOLAR CUPRATES	78283	\$302,660

SCHLOM, DARRELL	Materials Science Engineering	NOTRE DAME	DEVELOPMENT OF (1) V02 AND BEYOND V02 MIT OXIDE FOR STEEP SLOPE PHASE FET AND (2) HIGH-MOBILITY PEROVSKITE AS CHANNEL FOR STEEP SLOPE FERRO FETW	75395	\$2
SCHRYVER, THOMAS	Center for Economic Advancement	NYSERDA	76 WEST	76942	\$19,865
SELMAN, BART	Computer Science	U OF CAL - BERKELEY	CENTER FOR HUMAN-COMPATIBLE AI	80161	\$943,500
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	WCM	LOW DENSITY PNEUMATIC ACTUATORS FOR VENTRICULAR ASSIST DEVICES	77967	\$28,576
SIPPLE, JOHN W	CALS Development Sociology	NYSEDUC	EAST RAMAPO CENTRAL SCHOOL DISTRICT, YEAR 2: SEPT 16 - MAR 17	81315	\$32,450
STOKOL, TRACY	Population Medicine & Diagnostic Science	WCM	A NEW TUMOR-TARGETING APPROACH FOR TREATMENT OF HUMAN AND CANINE BREAST CANCERS	77398	\$19,977
STOLTZFUS, REBECCA	Nutritional Sciences	U OF CAL - DAVIS	CRITICAL ASSESSMENT OF THE IMPACT OF A PACKAGE OF COMPLEMENTARY FEEDING INVITATIONS ON INFANT FEEDING PRACTICES AND NUTRIENT INTAKE IN RURAL ZIMBABWE	80050	\$19,997
STROBEL, WENDY	Industrial & Labor Relations Ext Orgs	DHHS ACL	THE NORTHEAST ADA CENTER: THE PREMIER RESOURCE ON THE ADA IN NEW YORK, NEW JERSEY, PUERTO RICO, AND THE U.S. VIRGIN ISLANDS	79872	\$5,560,825
SULLIVAN, ROBERT J	Center Astrophysics-Planetary Science	MALIN SPACE SCI	MSL MASTCAM/MAHLI SCIENCE TEAM PARTICIPANTS - SULLIVAN	56487	\$14,146
TATE, ROSS E	Computer Science	NSF	CAREER: GRADUAL TYPING FOR INDUSTRY PROGRAMMING	71096	\$60,301
THAYER, CHERYL B	CALS Cornell Cooperative Extension	BNMC	BUFFALO NIAGARA MEDICAL CAMPUS LOCAL FOOD PROCUREMENT PLANNING	80759	\$4,932
TUCKER, TERRY	CALS School of Integrative Plant Science	NYS AGMRKT	FUTURE FARMERS OF AMERICA	80375	\$2,460,000
TUCKER, TERRY	CALS School of Integrative Plant Science	NYS AGMRKT	AGRICULTURE IN THE CLASSROOM	80373	\$400,000
VARNER, JEFFREY D	Chemical & Biomolecular Engineering	U OF CAL - SANTA BARBARA	SYSTEMS BIOLOGY OF COAGULATION AND TRAUMA-INDUCED COAGULOPATHY	81150	\$351,208
VIANDS, DONALD R	CALS School of Integrative Plant Science	NYS AGMRKT	2016 NEW YORK STATE INDUSTRIAL HEMP TRIALS	80521	\$50,000
WALLIS, ANNA ELIZABETH	CALS Cornell Cooperative Extension	CCEJEFF	IDENTIFICATION AND GROWER EDUCATION OF KEY PESTS IN APPLE ORCHARDS IN NORTHERN NEW YORK	78251	\$14,518
WALLIS, ANNA E	CALS Cornell Cooperative Extension	CCEJEFF	EVALUATION OF NOVEL COLD-HARDY GRAPE VARIETIES FOR PRODUCTION IN NORTHERN NEW YORK	78260	\$17,005
WARNER, DEREK H	Civil & Environmental Engineering	NAVY ONR	ESTABLISHING A FOUNDATION FOR REAL PHYSICS-BASED FATIGUE FAILURE PREDICTIONS OF SEA-BASED AIRCRAFT	79058	\$454,087
WEIGLE, TIMOTHY H	CALS Integrated Pest Management	NY FARM VIABILITY INST	DEVELOPING A SUSTAINABLE HOPS IPM PROGRAM FROM GREENHOUSE TO HARVEST	78489	\$124,500
WHITLOCK, JANIS L	Bronfenbrenner Ctr forTranslational Rsch	HEALTH RESEARCH	TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR RISK REDUCTION FOR SEXUAL VIOLENCE AMONG MIDDLE SCHOOL BOYS: TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR FUTURE SEXUAL VIOLENCE PERPETRATION	80058	\$213,752
WIEDMANN, MARTIN	CALS Food Science	MARS	ASSESSMENT OF SALMONELLA DETECTION METHODS PART II	76302	\$51,693
WILLIS, MICHAEL J	Earth & Atmospheric Sciences	U OF MINNESOTA	THE POLAR GEOSPATIAL CENTER: COMMUNITY AND FACILITY SUPPORT	77546	\$185,133
XING, H GRACE	Electrical & Computer Engineering	NOTRE DAME	CENTER FOR LOW ENERGY SYSTEMS TECHNOLOGY	74793	\$154,999

XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	NIH	CONCURRENT MULTIPHOTON MICROSCOPY AND MAGNETIC RESONANCE IMAGING (COMPMRI)	79568	\$446,530
YORK CORNWELL, ERIN	Sociology	WCM	SOCIAL ENVIRONMENTS AND REAL-TIME FLUCTUATIONS IN PAIN AMONG OLDER ADULTS IN NEW YORK CITY	79172	\$12,732
YOUNG, STEPHEN L	CALS Cornell Cooperative Extension	USDA NIFA	PROMOTING INTEGRATED PEST MANAGEMENT IN AFFORDABLE HOUSING	81361	\$1,454,544
YU, HAIYUAN	Weill Institute	SF	INTERACTOME PERTURBATION BY LARGE-SCALE MUTAGENESIS TO FIND RISK VARIANTS	76421	\$287,977
ZHANG, ZHIRU	Electrical & Computer Engineering	NSF	STARSS: SMALL: AUTOMATIC SYNTHESIS VERIFIABLY SECURE HARDWARE ACCELERATORS	78377	\$266,667
ZINDA, JOHN A	CALS Development Sociology	NSF SBE	SEES FELLOWS: INTERACTING EFFECTS OF PUBLIC POLICY AND CASH CROP EXPANSION ON FOREST CONSERVATION	80685	\$195,683