

**Cornell University, Office of Sponsored Programs
Awards Received in March 2019**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBOTT, NICHOLAS	Chemical & Biomolecular Engineering	UMASS (UMASS AMHERST)	SPECIFICALLY TRIGGERABLE MULTI-SCALE RESPONSES IN ORGANIZED ASSEMBLIES	87723	\$410,807
ANTAKI, JAMES FRANCIS	Biomedical Engineering	DHHS (NIH-NIH NHLBI)	CORA_TM_A PERSONALIZED CARDIAC COUNSELOR FOR OPTIMAL THERAPY	84545	\$1,566
BAKER, MIKE	CALS Animal Science	JEFFERSON CTY (CCE JEFFERSON)	WHERE'S THE BEEF" IN VALUE ADDED DAIRY BEEF CROSSES?	89584	\$14,881
BANFIELD, DONALD	Center Astrophysics-Planetary Science	NASA (JPL)	DEVELOPING AN OSSE FOR MARS	86426	\$71,605
BARRETT, CAITLÍN EILÍS	Classics	RUST	RETHINKING POMPEIAN HOUSEHOLDS: THE CASA DELLA REGINA CAROLINA (CRC) PROJECT, POMPEII	88904	\$8,750
BENSON, AUSTIN REILLEY	Computer Science	MIT	HIGHER-ORDER GEOMETRY AND TOPOLOGY OF COMPLEX NETWORKS	86798	\$808,637
BEREST, YURI	Mathematics	SF	REPRESENTATION HOMOLOGY OF GROUPS AND TOPOLOGICAL SPACES (SIMONS FELLOWS IN MATHEMATICS)	87853	\$95,993
BERLINER, ELIZABETH A.	Population Medicine & Diagnostic Science	HUMANE SOCIETY	SPAYATHON FOR PUERTO RICO	87437	\$60,000
BERRY, DANIEL CARL	Nutritional Sciences	DHHS (NIH)	REGULATORS OF THE ADIPOSE TISSUE NICHE CONTROL ADIPOSITY AND METABOLISM	84886	\$3,524
BHASKARAN, RAJESH	Mechanical & Aerospace Engineering	ANSYS	DEVELOPMENT OF MASSIVE OPEN ONLINE COURSES IN ANSYS-BASED SIMULATIONS AT EDX.ORG	89515	\$49,998
BONHOTAL, JEAN F	CALS School of Integrative Plant Science	RIT	VILLAGE OF CLIFTON SPRINGS WASTEWATER TREATMENT PLANT, FOOD SCRAP COMPOSTING	88064	\$15,538
BUCKLEY, DANIEL H	CALS School of Integrative Plant Science	LANL	MICROBIAL CARBON CYCLING IN TERRESTRIAL ENVIRONMENTS (SFA)	88388	\$180,000
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	\$3,883
DANIEL, SUSAN	Chemical & Biomolecular Engineering	KAUST	BIOELECTRONIC INTERFACING WITH EXTRACELLULAR VESICLES FROM CANCER CELLS	86725	\$235,001
DAVIS-MANIGAUITE, JACQUELINE A	Bronfenbrenner Ctr forTranslational Rsch	NATL 4-H	4-H NATIONAL MENTORING PROGRAM YEAR 8	84791	\$25,241
DE VLAMINCK, IWIJN DE	Biomedical Engineering	DHHS (NIH)	DROPLET-ASSISTED RNA TARGETING BY SINGLE-CELL SEQUENCING (DART-SEQ) TO DISSECT THE SINGLE-CELL HETEROGENEITY OF RNA VIRUS INFECTION	86903	\$432,344
DIAMESSIS, PETER J	Civil & Environmental Engineering	DOD (NAVY-ONR)	STRATIFIED TURBULENT WAKES: PROBING PAST THE CUSP INTO THE STRONGLY STRATIFIED HIGH REYNOLDS NUMBER REGIME AND MACHINE-LEARNING-BASED ANALYSIS OF INTERNAL WAVE RADIATION	88286	\$508,674
ESTROFF, LARA A	Materials Science Engineering	DHHS (NIH)	SYNTHESIS AND CHARACTERIZATION OF TISSUE ENGINEERED MENISCAL ENTHESES	79672	\$1,854
FERRARI, SILVIA	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	ADAPTIVE MULTIVIEW PLANNING FOR MAXIMUM INFORMATION VALUE IN AUTONOMOUS SONAR IMAGING	86973	\$570,128
FORTIER, LISA	Clinical Sciences	COLUMBIA U	KNEE MENISCUS REGENERATION	68895	\$116,439
FORTIER, LISA	Clinical Sciences	HAMPTON & KING	ROUTINE PRODUCT TESTING AGREEMENT: CELL VIABILITY: ROUTINE TESTING	89463	\$11,187
GAZEL, ESTEBAN	Earth & Atmospheric Sciences	NSF	COLLABOARIVE RESEARCH: THE ONSET OF THE GALAPAGOS PLUME AS A WINDOW TO THE DEEP EARTH	85638	\$12,666
GOODALE, CHRISTINE L	Ecology and Evolutionary Biology	NSF (NSF BIO)	COLLABORATIVE RESEARCH: TERRESTRIAL DENITRIFICATION AND ENVIRONMENTAL CHANGE	80886	\$7,006

GRUNDBERG, ETHAN ALEXANDER	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	REFINING REDUCED TILLAGE SYSTEMS FOR VINE CROPS AND SWEET CORN ON MUCK SOILS	86166	\$68,491
HAY, FRANK S	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	IMPROVING THE DURABILITY OF DISEASE MANAGEMENT OF ONION IN NEW YORK THROUGH MONITORING OF FUNGICIDE RESISTANCE	86146	\$97,567
HENDERSON, CHARLES R	Human Development	WCM	TRAINING FAMILY CAREGIVERS OF PERSONS WITH DEMENTIA TO DETECT AND COMMUNICATE PAIN SYMPTOMS TO HEALTH CARE PROVIDERS	87161	\$11,263
HOLDEN, MARTHA J	Bronfenbrenner Ctr for Translational Rsch	NYS (OCFS)	RC03: BEHAVIOR SUPPORT CRISIS PREVENTION AND INTERVENTION IN RESIDENTIAL SETTINGS	77692	\$731,791
HOLLOPETER, GUNTHER	Molecular Medicine	DHHS (NIH)	MOLECULAR REGULATION OF THE AP2 CLATHRIN ADAPTOR COMPLEX	87367	\$1,831,012
HU, FENGHUA	Weill Institute	BLUEFIELD	MECHANISMS OF PROGRANULIN TRAFFICKING IN MICROGLIA	87979	\$344,773
KARIM, SABRINA M	Government	PRIO	IMPROVING EDUCATION FOR ROHINGYA REFUGEES FROM MYANMAR LIVING IN BANGLADESH (EDUCAID)	89181	\$11,700
KETTERINGS, QUIRINE	CALS Animal Science	NY FARM VIABILITY INST	YIELD MONITOR BASED ASSESSMENT OF CORN GRAIN AND SILAGE YIELD POTENTIALS FOR NEW YORK (PHASE 2)	88472	\$24,996
KHAN, MUHAMMAD AWAIS	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	PATHOGENICITY OF NEW YORK STATE FIRE BLIGHT BACTERIAL STRAINS AND DEVELOPMENT OF A CULTIVAR SET AND CIDER APPLE VARIETIES FOR FIRE BLIGHT RESISTANCE BREEDING	86187	\$82,059
KIRBY, BRIAN	Mechanical & Aerospace Engineering	NSF	IMPEDANCE CYTOMETRY FOR RAPID BIOSENSING OF LIPID CONTENT IN ALGAL CULTURES	78095	\$41,039
KLINCK, HOLGER	CALS Lab of O - Programs	OREGON ST U	DYNAMICS OF ENVIRONMENTAL (E)DNA FOR CETACEAN DETECTION AND SPECIES IDENTIFICATION IN OPEN-OCEAN AND COASTAL HABITATS	85941	\$96,187
KNIFFIN, KEVIN M	CALS AEM	U OF MICHIGAN	ANTECEDENTS AND CONSEQUENCES OF SPONSORED TEAMING AMONG STEM DOCTORAL GRADUATES	88263	\$30,000
KOENIG, WALTER D	CALS Lab of O - Programs	NSF (NSF BIO)	LTREB RENEWAL: PHENOLOGY AND MASTING IN CALIFORNIA OAKS	68419	\$4,945
LAL, AMIT	Electrical & Computer Engineering	DOD (DARPA)	3D ELECTROSTATIC COMB ACTUATORS (3D-ESCA) FOR MICRO ROBOTICS	88179	\$345,947
LAWRENCE, JOSEPH R.	CALS Animal Science	NY FARM VIABILITY INST	EVALUATION OF VARIABILITY IN NITROGEN UPTAKE EFFICIENCY ACROSS CORN SILAGE HYBRIDS SUBMITTED TO THE NY CORN SILAGE HYBRID EVALUATION PROGRAM	88698	\$5,844
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	DISTINGUISHED VISITING SCIENTIST	89600	\$81,431
MCART, SCOTT	CALS Entomology	NYS (AGMRKT)	2018 HONEYBEE RESEARCH	86831	\$150,000
MCLASKEY, GREGORY CHRISTOFER	Civil & Environmental Engineering	NSF	LARGE-SCALE LABORATORY-GENERATED EARTHQUAKES TO STUDY EARTHQUAKE SCALING AND FLUID-FAULT INTERACTIONS	87427	\$611,622
MEHTA, SAURABH	Nutritional Sciences	TUFTS U	FOOD SAFETY ASSESSMENT VIA AFLATOXIN SENSORS AT THE POINT-OF-CARE	87788	\$180,000
NIEDERDEPPE, JEFFREY	CALS Communication	U OF S CAROLINA	EVALUATION OF CIGARETTE PACKAGE INSERTS FOR ENHANCED COMMUNICATION WITH SMOKERS	86415	\$783,388
OPHIR, ALEXANDER	Psychology	DOD (ARMY-ARO)	COGNITIVE AND BEHAVIORAL FLEXIBILITY: HOW VARIATION IMPACTS LEARNING AND MEMORY, ANXIETY AND STRESSCOPING RESPONSES	71958	\$7,500

OSOFSKY, STEVEN A	Population Medicine & Diagnostic Science	NGS, NAT GEO	WILDLIFE-FRIENDLY BEEF: RECONCILING CONFLICTS BETWEEN WILDLIFE CONSERVATION AND LIVESTOCK AGRICULTURE IN KAZA	89446	\$45,000
PEEVA, IRENA V	Mathematics	SF	FREE RESOLUTIONS (SIMONS FELLOWS IN MATHEMATICS)	87858	\$95,607
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	ENHANCING THE SUSTAINABILITY OF FOLIAR DISEASE CONTROL BY DECISION SUPPORT SYSTEMS FOR THE NEW YORK TABLE BEET INDUSTRY	86116	\$99,551
REED, PATRICK M	Civil & Environmental Engineering	UNC (UNC CHAPEL HILL)	UNDERSTANDING DEMAND-SUPPLY-FINANCE NEXUS FOR WATER SUPPLY PLANNING: INFRASTRUCTURE DECISION FRAMEWORK (IDF)	88052	\$123,500
REED, PATRICK M	Civil & Environmental Engineering	DOD (ARMY-ACE)	DESIGN AND SCOPING FOR SERIOUS GAMING FRAMEWORK	89164	\$40,000
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	EVALUATION OF THE CORNELL-GENEVA APPLE ROOTSTOCKS AND OTHER PROMISING APPLE ROOTSTOCKS	89337	\$10,000
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	NEW TRAINING, HIGH-DENSITY PLANTING SYSTEMS AND ORCHARD PRACTICES FOR SWEET AND TART CHERRY EASTERN GROWERS	89349	\$8,000
SCHRYVER, THOMAS	Center for Economic Advancement	VENTUREWELL	INCITE ANALYTICS	89302	\$5,000
SHIELDS, ELSON J	CALS Entomology	NY FARM VIABILITY INST	MANAGEMENT OF WIREWORMS IN ORGANIC AND CONVENTIONAL PRODUCTION SYSTEMS	86200	\$83,613
SILBERSTEIN, MEREDITH	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	TAILORING DYNAMIC BONDING IN HIGH STRAIN RATE ELASTOMERIC POLYMERS FOR BLAST PROTECTION	88805	\$497,423
STANYARD, MICHAEL J	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	2019 NEW YORK CORN YIELD CONTEST	88757	\$6,435
STEEN, PAUL H	Chemical & Biomolecular Engineering	NASA	CAPILLARY FLOWS AND DRAINING IN MICROGRAVITY	85675	\$200,000
STOKOL, TRACY	Population Medicine & Diagnostic Science	GRAYSON-JOCKEY	DECIPHERING THE PERIPHERAL BLOOD B CELL RESPONSE TO EHV-1 VACCINATION	88239	\$101,462
SUN, YING	CALS School of Integrative Plant Science	NASA (JPL)	MEASURES PROJECT	83573	\$349,811
TAYLOR, ALAN G	CALS School of Integrative Plant Science	RUTGERS - NEWARK (IR-4)	SPONSORED PTA: PRODUCT PERFORMANCE RESEARCH (INTEGRATED SOLUTIONS) ON INDUSTRIAL HEMP FOR MANAGEMENT OF DAMPING-OFF CAUSED BY SEVERAL PATHOGENS	89711	\$30,000
TOBIN, JOHN	CALS AEM	ENVDFUND	COALITION FOR PRIVATE INVESTMENT IN CONSERVATION (CPIC)	89189	\$50,000
TURNER, ANDREW S	Bronfenbrenner Ctr for Translational Rsch	NATL 4-H	NEW YORK STATE 4-H DIGITAL AMBASSADORS PROGRAM	88854	\$84,403
VIANDS, DONALD R	CALS School of Integrative Plant Science	PENN STATE	BREEDING RESILIENT, DISEASE-RESISTANT SWITCHGRASS CULTIVARS FOR MARGINAL LANDS	85307	\$250,469
WATKINS, CHRISTOPHER B	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	HARVEST AND STORAGE OF NEW YORK'S SNAPDRAGON AND RUBYFROST - GETTING IT RIGHT	86227	\$68,598
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	EPA	ZERO ELECTRICITY DRINKING WATER TREATMENT PUMP	86035	\$14,999
WEISS, ROBERT S	Biomedical Sciences	DHHS (NIH)	TARGETING THE DEPENDENCY OF CANCER CELLS ON THE SIRTUIN SIRT5	87611	\$2,061,535
WILSON, JUSTIN J.	Chemistry and Chemical Biology	RESEARCH CORP	CAPTURING THE ALKALINE EARTH ELEMENTS: LIGAND DESIGN TO SEQUESTER RADIOACTIVE STRONTIUM, BARIUM, AND RADIUM	87278	\$100,000
XU, KENONG	CALS School of Integrative Plant Science	OKANAGAN BIOTECHNOLOGY INC.	FIELD TRIAL ACTIVITIES	47057	\$13,789