

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

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
ABBASPOURRAD, ALIREZA	CALS Food Science	TATE	METHODS TOWARDS THE HETEROGENEOUS FUNCTIONALIZATION OF STARCH GRANULES	82974	\$150,000
ABERS, GEOFFREY A	Earth & Atmospheric Sciences	NSF	ALASKA AMPHIBIOUS COMMUNITY SEISMIC EXPERIMENT	80572	\$1,467,392
ADIE, STEVEN G	Biomedical Engineering	DHHS (NIH)	VOLUMETRIC TRACTION FORCE TOMOGRAPHY OF COLLECTIVE CELL MIGRATION DYNAMICS	79574	\$2,823
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	MOUNT SINAI	TENDON-DEPENDENT CONTROL OF LONGITUDINAL BONE GROWTH	80868	\$38,004
AULT, TOBY R	CALS Earth and Atmospheric Science	NSF (NSF BIO)	COLLABORATIVE PROPOSAL: MSB-FRA: IMPROVED UNDERSTANDING OF FEEDBACKS BETWEEN ECOSYSTEM PHENOLOGY AND THE WEATHER-CLIMATE NEXUS AT LOCAL-TO-CONTINENTAL SCALES	81656	\$426,374
AUSTERMAN, MARY	CALS Sea Grant	OSWEGO COUNTY SWCD	ENHANCING WATERCRAFT STEWARD TRAINING, OUTREACH AND EDUCATION SUPPORT	83922	\$83,749
BARBASH, DANIEL A	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	PREDOCTORAL TRAINING IN GENETICS AND DEVELOPMENT	80225	\$12,640
BARBASH, DANIEL A	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	THE GENETIC AND MECHANISTIC BASIS OF FEMALE PREFERENCE: A KEY TRAIT INITIATING THE SPECIATION PROCESS	78735	\$3,348
BATT, CARL A	CALS Food Science	IFYBER	DEVELOPMENT AND VALIDATION OF A LAMP BASED ASSAY FOR TOTAL COLIFORMS	83249	\$32,198
BEAN, RACHEL E	Center Astrophysics-Planetary Science	NASA (JPL)	COSMOLOGY WITH THE WFIRST HIGH LATITUDE SURVEY SCIENCE INVESTIGATION TEAM - 15-WFRIST 15-0008-RSA#1581841	84445	\$64,989
BENNETT, KAREN	Philosophy	SCP	SCP GRADUATE FELLOWSHIPS FOR SCIENCE CROSS-TRAINING	84139	\$34,000
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	FHB MANAGEMENT RESEARCH IN NEW YORK	73081	\$35,289
BERGSTROM, GARY C	CALS School of Integrative Plant Science	GVRM	RESEARCH AND EXTENSION FOR MALTING BARLEY PRODUCTION IN NEW YORK	83001	\$260,000
BERNEY, DONN H	Preservation/Conservation	NYS LIBRARY	2017-18 CONSERVATION & PRESERVATION STATUTORY AID	82971	\$147,915
BONASSAR, LAWRENCE	Biomedical Engineering	AERIN MED	COMBINED CHEMICAL AND RADIO FREQUENCY TREATMENT FOR RESHAPING OF THE NASAL SEPTUM	78859	\$72,094
BONASSAR, LAWRENCE	Biomedical Engineering	AERIN MED	COMBINED CHEMICAL AND RADIO FREQUENCY TREATMENT FOR RESHAPING OF THE NASAL SEPTUM	78859	\$355
BRITO, ILANA L	Biomedical Engineering	USDA (USDA-NIFA)	MONITORING AND INHIBITING INTERSPECIES GENE FLOW IN A ONEHEALTH CONTEXT	83195	\$500,000
BUCHON, NICOLAS S	CALS Entomology	BTI	VIRUS TRAFFICKING IN INSECT MIDGUT CELLS	80704	\$139,054
BUNEA, FLORENTINA	Statistical Science	NSF	STATISTICAL FOUNDATIONS OF MODEL-BASED VARIABLE CLUSTERING	81646	\$250,000
BUTCHER, JONATHAN T	Biomedical Engineering	DHHS (NIH)	BIOPRINTED VASCULARIZED TISSUE CONSTRUCTS	78201	\$1,210
CAMPBELL, DONALD B	Center Astrophysics-Planetary Science	SETI INST	FUNDING FOR CORNELL GRADUATE STUDENT SEAN MARSHALL FOR THE PERIOD AUGUST 16, 2017 TO OCTOBER 31, 2017	84360	\$16,000
CAMPBELL, MARK	Mechanical & Aerospace Engineering	NSF	S&AS: INT: INFERENCE, REASONING, AND LEARNING FOR ROBUST AUTONOMOUS DRIVING	82096	\$1,398,587
CLARK, CHRISTOPHER W	CALS Lab of O - Programs	WHOI	A PASSIVE ACOUSTIC OCEAN OBSERVING SYSTEM FOR MONITORING AND MAPPING MARINE MAMMALS AND NOISE IN THE CHUKCHI ECOSYSTEM	74472	\$20,568

CLARK, THEODORE	Microbiology and Immunology	DHHS (NIH-NIH OD)	A RESOURCE CENTER FOR TETRAHYMENA THERMOPHILA	70706	\$18,208
CLELAND, THOM	Psychology	STOWERS INSTITUTE	CIRCUIT ARCHITECTURE AND DYNAMICS REPRESENTATION IN ODOR PERCEPTION	74806	\$267,116
COATES, GEOFFREY	Chemistry and Chemical Biology	DOE	DEVELOPMENT AND APPLICATION OF CARBONYLATION CATALYSTS FOR THE SYNTHESIS OF BIODEGRADABLE POLYMERS: NEW TRANSFORMATIONS OF HETEROCYCLES USING BIFUNCTIONAL METAL COMPLEXES	48719	\$550,000
COFFMAN, W. RONNIE	CALS International Programs	USDA (FAS)	BORLAUG FELLOWSHIP PROGRAM - GHANA (WTO TRADE FACILITATION - JARRA F. JAGNE)	83913	\$39,620
COHEN, ITAI	Lab. of Atomic & Solid State Physics	DHHS (NIH-NIH NIAMS)	MECHANICAL STABILITY AND BIOLOGICAL CONSEQUENCES OF CRACKS IN ARTICULAR CARTILAGE	78752	\$468
CRANE, BRIAN	Chemistry and Chemical Biology	NSF	UNDERSTANDING MULTISTEP ELECTRON TRANSFER FOR THE DESIGN OF PHOTOSENSORY PROTEINS	81967	\$627,635
CSAKI, CSABA	Cornell Lab Accelerator Sciences & Ed	BSF	FRONTIERS OF PHYSICS BEYOND THE STANDARD MODEL - NEW DIRECTIONS FOR NATURALNESS AND DARK MATTER IN LIGHT OF RECENT LHC AND DIRECT DETECTION RESULTS	81963	\$55,000
CURTIS, PAUL D	CALS Natural Resources	NYS (NYS DEC)	MANAGE COMMON TERNS TO ENHANCE PRODUCTIVITY AT ONEIDA LAKE	83164	\$19,932
DANDO, ROBIN	CALS Food Science	S.V. IMPORT & EXPORT	TROPICAL JUICE CONSUMER STUDY (CLT): NON-STANDARD PRODUCT TESTING AGREEMENT	84479	\$7,429
DANIEL, SUSAN	Chemical & Biomolecular Engineering	NSF	SPATIO-TEMPORAL BIOMANUFACTURING OF POSTTRANSLATIONALLY MODIFIED PROTEINS USING BIOMEMBRANE MICROFLUIDICS	81545	\$374,425
DANKO, CHARLES G	Baker Institute for Animal Health	DHHS (NIH-NIH NHGRI)	MAPPING THE RNA POLYMERASE IN TISSUE SAMPLES WITH CHRO-SEQ	79264	\$37,925
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	SYNGENTA INTRNL (SYNGENTA CP)	PRODUCT TESTING AGREEMENT	84240	\$6,000
DAVIS, J. C. SEAMUS	Lab. of Atomic & Solid State Physics	BROOKHAVEN	SPECTROSCOPIC IMAGING STM FOR COMPLEX ELECTRONIC MATTER STUDIES	63791	\$116,000
DE JONG, WALTER	CALS School of Integrative Plant Science	USDA (ARS)	DEVELOPMENT AND RELEASE OF GOLDEN NEMATODE RESISTANT POTATOES	77933	\$186,126
DE JONG, WALTER	CALS School of Integrative Plant Science	NYS (AGMRKT)	GOLDEN NEMATODE RESEARCH	70250	\$62,000
DE VLAMINCK, IWIJN DE	Biomedical Engineering	WCM	HOST-PATHOGEN INTERACTIONS VIA MEASUREMENTS OF URINARY CELL FREE DNA IN KIDNEY TRANSPLANTATION	81588	\$245,044
DECKER, DANIEL J	CALS Natural Resources	US INTERIOR (NPS)	THE ROLE OF WILDLIFE HEALTH IN MANAGEMENT OF WILDLIFE AS A PUBLIC TRUST RESOURCE	77473	\$9,962
DERRY, LOUIS A	Earth & Atmospheric Sciences	NSF	DEVELOPMENT OF GALLIUM-ALUMINUM RATIOS AS A TRACER OF THE CRITICAL ZONE BEHAVIOR OF A1	81094	\$368,940
DILLMAN, CASEY BRANDON	CALS Ecology & Evolutionary Biology	NSF (NSF BIO)	DIGITIZATION TCN: COLLABORATIVE RESEARCH: OVERT: OPEN EXPLORATION OF VERTEBRATE DIVERSITY IN 3D	81735	\$91,528
DITOMMASO, ANTONIO	CALS School of Integrative Plant Science	USDA (ARS)	DEMOGRAPHY OF WEEDS IN THE NORTHEAST	77947	\$53,667
ELVINGER, FRANCOIS	Animal Health Diagnostic Center	NYS (AGMRKT)	NYS VETERINARY DIAGNOSTIC LABORATORY	82392	\$41,505,000
ERICKSON, DAVID C	Mechanical & Aerospace Engineering	DIM ENG	HI-LIGHT - SOLAR THERMAL CHEMICAL REACTOR TECHNOLOGY FOR CONVERTING CO2 TO HYDROCARBONS: SBIR PHASE I	82017	\$105,377
EVANEGA, SARAH N	CALS International Programs	USDA (CCC)	2017 - CORNELL ALLIANCE FOR SCIENCE GLOBAL LEADERSHIP FELLOWS TRAINING PROGRAM	82548	\$197,460
FISCHBACH, CLAUDIA	Biomedical Engineering	HFSP	EXTRACELLULAR VESICLES AND THEIR ROLE IN BREAST CANCER BONE METASTASIS	81052	\$500,000

FOSTER, J NATE	Computer Science	NSF	SATC: CORE: SMALL: COLLABORATIVE: A NEW APPROACH TO FEDERATED NETWORK SECURITY	81574	\$131,691
FREED, JACK H	Chemistry and Chemical Biology	BSF	PROTEIN DYNAMICS IN THE SOLID-STATE FROM NMR LINESHAPES: A NEW PERSPECTIVE	81673	\$43,000
GANOE, KEVIN H	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	USING FORAGE QUALITY TESTING TO IMPROVE THE CORN SILAGE HYBRID SELECTION PROCESS ON DAIRY FARMS	84345	\$62,965
GIORDANO, JULIO O	CALS Animal Science	ZOETIS	EVALUATION OF REPRODUCTIVE MANAGEMENT STRATEGIES FOR LACTATING DAIRY COWS OF DIFFERENT GENETIC MERIT FOR FERTILITY	84245	\$140,000
GOLDBERG, JESSE H	Neurobiology and Behavior	DHHS (NIH)	IDENTIFYING THE ROLES OF THE BASAL FOREBRAIN CHOLINERGIC SYSTEM IN MOTOR SEQUENCE LEARNING	78731	\$2,184
GOMEZ, MIGUEL	CALS AEM	NYS (AGMRKT)	COMPARING THE ECONOMICS OF THE CORN-SOYBEAN-WHEAT/RED CLOVER ROTATION UNDER CONVENTIONAL AND ORGANIC CROPPING SYSTEMS IN NEW YORK (2017-2018) (NYS DAM GATEWAY)	83542	\$32,000
GOODALE, CHRISTINE L	Ecology and Evolutionary Biology	NSF (NSF BIO)	COLLABORATIVE RESEARCH: TERRESTRIAL DENITRIFICATION AND ENVIRONMENTAL CHANGE	80886	\$549,240
HALPERN, JOSEPH	Computer Science	NSF	RI: SMALL: TOWARDS A FORMAL THEORY OF BLAMEWORTHINESS, INTENTION, AND MORAL RESPONSIBILITY	81754	\$426,998
HAN, CHUN	Weill Institute	DHHS (NIH-NIH OD)	A LIGHT-INDUCIBLE PROTEIN TRAPPING SYSTEM FOR STUDYING CELLULAR DYNAMICS IN DROSOPHILA	81952	\$414,336
HANSON, MAUREEN R	CALS Molecular Biology & Genetics	DOE	PROBING PHOTOSYNTHESIS BY ALTERING CHLOROPLAST PROTEINS	75632	\$120,000
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NASA (NSSC)	GEOMORPHOLOGY OF TITAN'S POLAR TERRAINS: USING LANDSCAPE FORM TO UNDERSTAND SURFACE PROCESSES	75917	\$45,000
HILGARTNER, STEPHEN H	Science and Technology Studies	NSF	SCHOLARS AWARD: MAKING KNOWLEDGE ABOUT RISK	82625	\$197,536
HOFFMAN, GUY	Mechanical & Aerospace Engineering	GOOGLE	PROJECT BLOSSOM	83659	\$50,000
HOOKER, GILES J	CALS Biology Stats & Computational Biol	USC	CAREER: FLEXIBLE PARSIMONIOUS MODELS FOR COMPLEX DATA	83973	\$52,119
HOSKINS, SUSAN B	CALS School of Integrative Plant Science	NYS (AGMRKT)	AGRICULTURAL DISTRICTS MAPPING PROGRAM (2017-2018)	83123	\$86,898
HOWARTH, ROBERT W	CALS Ecology & Evolutionary Biology	STOCKHOLM UNIV	STOCKHOLM UNIVERSITY/CORNELL UNIVERSITY BALTIC SEAWATERSHED RESEARCH PROJECT 4	84017	\$73,494
HU, FENGHUA	Weill Institute	DHHS (NIH-NIH NINDS)	LYSOSOMAL FUNCTION OF PROGRANULIN AND NEURODEGENERATION	80540	\$2,040,789
JOHNSON, PHILIPPA	Clinical Sciences	MORRIS ANIMAL	NON-INVASIVE DIAGNOSIS OF CANINE DEGENERATIVE MYELOPATHY USING DIFFUSION TENSOR IMAGING; OPENING DOORS FOR FUTURE TREATMENT TRIALS	83099	\$66,565
JOO, YONG L	Chemical & Biomolecular Engineering	AXIUM	PROCESS DEVELOPMENT FOR SILICON/GRAPHENE HYBRIDS IN LI-ION BATTERY APPLICATION	80675	\$45,000
JUELS, ARI	JTC Research	NSF	SATC: CORE: MEDIUM: PROACTIVE AND REACTIVE MECHANISMS FOR SAFER SMART CONTRACTS	81503	\$1,199,947
KEINAN, ALON	CALS Biology Stats & Computational Biol	DHHS (NIH)	THE X-FACTOR OF COMPLEX DISEASE: DEVELOPMENT, IMPLEMENTATION, AND EXTENSIVE APPLICATION OF METHODS FOR ANALYSIS OF THE X CHROMOSOME IN GWA, SEQUENCE-BASED ASSOCIATION, AND EQTL STUDIES	80525	\$1,517,147
KIRBY, BRIAN	Mechanical & Aerospace Engineering	NSF	CROSS-SPECIES SERUM ANTIBODY DETECTION BY DIRECT IMMUNOGLOBULIN CATALYSIS	81284	\$399,314

KLINCK, HOLGER	CALS Lab of O - Programs	NSF (NSF BIO)	COLLABORATIVE RESEARCH: AT-SEA EXPERIMENTAL DISTURBANCES TO CHARACTERIZE PHYSIOLOGICAL PLASTICITY IN DIVING NORTHERN ELEPHANT SEALS	80721	\$123,918
KRAFT, CLIFFORD E	CALS Natural Resources	GRT LKS FISH	EVALUATING EXPERIMENTALLY INDUCED THIAMINE DEFICIENCY IN ATLANTIC SALMON USING IN SITU HYBRIDIZATION	82453	\$9,392
KRESS GAZIT, HADAS	Mechanical & Aerospace Engineering	DOD (NAVY-SSCSD)	HIGH-LEVEL PROVABLY-CORRECT CONTROL OF ROBOTIC SWARMS	83307	\$250,000
KRISHNAMURTHY, VIKRAM	JTC Research	NSF	CIF: SMALL: CONTROLLED SENSING WITH SOCIAL LEARNING	81730	\$421,391
LAI, DONG	Center Astrophysics-Planetary Science	NASA (NSSC)	ROTATIONAL DYNAMICS AND EVOLUTION OF MAGNETIC NEUTRON STARS	75887	\$45,000
LAI, DONG	Center Astrophysics-Planetary Science	NASA (NSSC)	EVOLUTION AND FATE OF WHITE DWARFS AROUND MASSIVE BLACK HOLES	79146	\$45,000
LAI, DONG	Center Astrophysics-Planetary Science	NSF	TIDAL DISSIPATION AND EVOLUTION OF STARS AROUND MASSIVE BLACK HOLES: ECCENTRIC PATHS TO TIDAL DISRUPTION	82013	\$554,553
LAL, AMIT	Electrical & Computer Engineering	DOD (DARPA)	ULTRASONIC FOURIER COMPUTING FOR ULTRAFAST SOLVER FOR THE VLASOV EQUATION	83563	\$1,305,125
LAL, AMIT	Electrical & Computer Engineering	NSF	EAGER: LONG TERM RELIABLE NEURAL RECORDINGS AND NEURO MODULATION USING GHZ TO THZ ULTRASONICS	83577	\$150,000
LANCASTER, KYLE	Chemistry and Chemical Biology	DOE	ELUCIDATING BIOLOGICAL ENERGY TRANSDUCTION FROM AMMONIA	75360	\$39,280
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	DOE	ADVANCED ACCELERATOR TECHNOLOGY	82452	\$170,000
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	ULTRAMET	CVD PROCESS DEVELOPMENT OF THIN-FILM TRINIOBIUM-TIN FOR SRF APPLICATIONS: SBIR	82364	\$33,817
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	NSF	PROGRAM FOR DEVELOPMENT AND DEMONSTRATION OF PIONEERING ACCELERATOR TECHNOLOGY	82581	\$2,500,000
LIN, HENING	Chemistry and Chemical Biology	DHHS (NIH)	CHEMISTRY OF BIOLOGICAL SYSTEMS	75731	\$13,647
LINDER, MAURINE E.	Molecular Medicine	DHHS (NIH-NIH NIGMS)	A NOVEL REGULATORY MECHANISM FOR THE RAS FAMILY OF GTPASES	81856	\$1,475,211
LODGE, DAVID M.	CALS Ecology & Evolutionary Biology	NSF	COASTAL SEES COLLABORATIVE RESEARCH: CHANGES IN SHIP-BORNE INTRODUCTIONS OF INVASIVE SPECIES IN COUPLED NATURAL-HUMAN SYSTEMS: INFRASTRUCTURE, GLOBAL TRADE, CLIMATE AND POLICY	84104	\$1,370,148
LOEB, GREGORY M	CALS Entomology	NYS (AGMRKT)	BERRY RESEARCH (2017-2018)	83794	\$260,000
MA, MINGLIN	CALS Biological & Environmental Engr	JUVENL DIABETES	ENGINEERING A HIGHLY VASCULARIZED AND STACKABLE ENCAPSULATION DEVICE	82707	\$150,000
MA, MINGLIN	CALS Biological & Environmental Engr	JUVENL DIABETES	DONUT-SHAPED HYDROGEL PARTICLES FOR ISLET ENCAPSULATION	82419	\$264,000
MAZOUREK, MICHAEL	CALS School of Integrative Plant Science	USDA (ARS)	GENETIC BASIS AND APPROACHES FOR CROP NUTRITIONAL QUALITY IMPROVEMENT	80576	\$35,001
MCART, SCOTT	CALS Entomology	NY FARM VIABILITY INST	BALANCING PEST CONTROL WITH POLLINATION SERVICES IN NY STRAWBERRY: IDENTIFYING EFFECTIVE LOW-RISK PESTICIDES TO BEES THAT ENSURE OPTIMAL POLLINATION	82833	\$99,635
MENARD, JULIE M.	Clinical Sciences	WALTHM CPN (WALTHAM FDN)	EVALUATION OF ANTIMICROBIAL ADMINISTRATION IN CRITICALLY ILL DOGS ON THE FECAL FLORA: DYNAMICS OF ANTIMICROBIAL RESISTANCE OVER TIME	82958	\$19,734
MESSER, PHILIPP	CALS Biology Stats & Computational Biol	DHHS (NIH)	IMPROVING THE EFFICIENCY AND CONTROL OF CRISPR/CAS9 GENE DRIVE SYSTEMS	82011	\$430,604

MILLER, DENNIS D	CALS Food Science	USDA (ARS)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80570	\$54,168
MOLNAR, ALYOSHA	Electrical & Computer Engineering	DOD (DARPA)	ESPPRESSO: ENERGY IN SIGNAL POWERED PIEZOELECTRIC RF ENERGY SENSORS AND SPECTRUM ORGANIZATION	76640	\$88,579
NAULT, BRIAN A	CALS Entomology	NY FARM VIABILITY INST	IDENTIFYING IMMEDIATE SOLUTIONS FOR MANAGING ALLIUM LEAFMINER IN ALLIUM CROPS	84243	\$65,000
NAULT, BRIAN A	CALS Entomology	USDA (USDA-NIFA)	MANAGING THE MOST SIGNIFICANT BIOTIC CHALLENGES FOR ORGANIC ONION PRODUCTION ACROSS THE GREAT LAKES REGION	82510	\$836,804
NETRAVALI, ANIL N	Fiber Science and Apparel Design	TUSKEGEE U	CENTER OF EXCELLENCE IN NANOBIMATERIALS DERIVED FROM BIORENEWABLE AND WASTE RESOURCES	64648	\$49,998
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	NASA (NSSC)	DEVELOPMENT OF OPTICS AND MICROWAVE MULTIPLEXERS FOR FAR-IR AND MILLIMETER DETECTOR ARRAYS	83538	\$74,000
NISHIMURA, NOZOMI	Biomedical Engineering	AMER HEART	THE INFLUENCE OF HYPOXIA ON CKIT+ CARDIOVASCULAR PRECURSOR CELLS FOLLOWING INJURY IN THE LIVE BEATING MOUSE HEART	82401	\$106,532
NISHIMURA, NOZOMI	Biomedical Engineering	DHHS (NIH)	IN VIVO TOOLS FOR ANALYZING INTERSTITIAL FLUID FLOW	81604	\$654,500
NISHIMURA, NOZOMI	Biomedical Engineering	NSF	NEUROPHOTONIC STRATEGIES FOR CELL-RESOLVED, NON-INVASIVE BRAIN MACHINE INTERFACES: MULTICOLOR BIOLUMINESCENCE DELIVERED BY GENE THERAPY	81617	\$583,210
NOZICK, LINDA K	Civil & Environmental Engineering	NSF	COLLABORATIVE RESEARCH: CRISP TYPE 2: DEFINING AND OPTIMIZING SOCIETAL OBJECTIVES FOR THE EARTHQUAKE RISK MANAGEMENT OF CRITICAL INFRASTRUCTURE	82465	\$488,194
NUGEN, SAM R	CALS Food Science	UMASS (UMASS AMHERST)	SEPARATION OF PATHOGENS FROM FOOD MATRICES	83294	\$161,718
NYROP, JAN P	CALS Geneva AES Finance & Operating	NYS (ESD)	2017-2018 NEW YORK STATE APPLE RESEARCH AND DEVELOPMENT PROGRAM (ARDP GROWER FUNDS)	83268	\$398,833
NYROP, JAN P	CALS Geneva AES Finance & Operating	NYS (AGMRKT)	2017-18 ONION RESEARCH & DEVELOPMENT PROGRAM (ORDP STATE FUNDING)	83488	\$50,000
O'ROURKE, THOMAS D	Civil & Environmental Engineering	JFE-ENG	LARGE-SCALE TESTING OF SPF STEEL PIPE TO RESIST FAULT RUPTURE: BASIC SRA TEMPLATE	77991	\$2,400
OVERTON, THOMAS R	CALS Animal Science	NYS (AGMRKT)	DAIRY ACCELERATION PROGRAM	74951	\$150,000
PANDIN, JOLANDA M.	South East Asia Program	US DEPT OF EDU	ADVANCED OVERSEAS INTENSIVE INDONESIAN LANGUAGE TRAINING PROJECT	83034	\$90,516
PILLEMER, KARL A	Bronfenbrenner Ctr forTranslational Rsch	WCM	IMPROVING THE MANAGEMENT OF PAIN IN LATER LIFE: CORNELL ROYBAL CENTER-TRANSLATIONAL RESEARCH INSTITUTE ON PAIN IN LATER LIFE-II	72368	\$72,675
POWERS, JANE	Bronfenbrenner Ctr forTranslational Rsch	HEALTH RESEARCH	SUPPORT FOR PREGNANT AND PARENTING TEENS AND WOMEN	70270	\$43,410
PRENTICE, RACHEL E.	Science and Technology Studies	NSF	DOCTORAL DISSERTATION GRANT: AN ETHNOGRAPHY OF BIOMEDICINES, BODIES, AND PHARMACEUTICALS	80917	\$180
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	LABOR READINESS: PATHWAYS FOR FARM WORKERS TO START UP AND ADVANCED BEGINNERS TO SCALE UP NEW FARM BUSINESSES	82167	\$599,147
REED, ROBERT D	CALS Ecology & Evolutionary Biology	NSF (NSF BIO)	COLLABORATIVE RESEARCH: CIS-REGULATORY BASIS OF BUTTERFLY WING PATTERN EVOLUTION	80948	\$299,817
REISCH, BRUCE I	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	VITISGEN2: APPLICATION OF NEXT GENERATION TECHNOLOGIES TO ACCELERATE GRAPEVINE CULTIVAR DEVELOPMENT	81980	\$6,550,976
RICE, AARON N	CALS Lab of O - Programs	U SYS OF MARYLAND	PASSIVE ACOUSTIC MONITORING OF MARINE MAMMALS IN THE MARYLAND WIND PLANNING AREA	83359	\$654,320

RIECHERS, DOMINIK A	Center Astrophysics-Planetary Science	USRA	DISSECTING AN AGN-STARBURST SYSTEM AT REDSHIFT 4 WITH SOFIA	82405	\$10,000
RIEGER, OYA YILDIRIM	Digital Scholarship Services Dept	HEISING-SIMONS	ADVANCING SCIENTIFIC COMMUNICATION: BUILDING NEXT-GEN ARXIV	83693	\$321,998
ROBERTS, KENNETH	Government	NSF	CREATING A SENSE OF OBLIGATION: LEGAL MOBILIZATION FOR SOCIOECONOMIC RIGHTS	82467	\$25,200
ROSE, JOCELYN	CALS School of Integrative Plant Science	USDA (ARS)	ROLE OF ROOT SYSTEM ARCHITECTURE AND FUNCTION IN IMPROVING CROP NUTRIENT AND WATER EFFICIENCY	80765	\$24,631
ROSE, JOCELYN	Institute Biotechnology & Life Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	80574	\$4,761
RUDOLPH, JEN	SCL Academic Support	NYS (NYSEDUC)	SCIENCE AND TECHNOLOGY ENTRY PROGRAM (STEP)	76350	\$65,252
RUDSTAM, LARS G	CALS Natural Resources	NOTRE DAME	DNA BARCODE REFERENCE LIBRARY - ZOOPLANKTON	82351	\$253,270
RUDSTAM, LARS G	CALS Natural Resources	EPA	GREAT LAKES LONG-TERM BIOLOGICAL MONITORING	82839	\$5,999,616
SCHAFFER, CHRIS	Biomedical Engineering	US DEPT OF EDU	TRAINING RESEARCHERS AND EDUCATORS IN BIOMEDICAL ENGINEERING	77004	\$1,140
SCHIMENTI, JOHN C	Biomedical Sciences	DHHS (NIH-NIH NICHD)	GENDER BIAS IN MAMMALIAN DNA REPLICATION DURING DEVELOPMENT	79670	\$100,515
SCHLOM, DARRELL	Materials Science Engineering	NSF	MIP: PLATFORM FOR THE ACCELERATED REALIZATION, ANALYSIS, AND DISCOVERY OF INTERFACE MATERIALS (PARADIM)	75737	\$250,000
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$602,736
SELMAN, BART	Computer Science	DOD (AF-AFOSR)	THE INTEGRATION OF REASONING AND LEARNING STRATEGIES FOR SCIENTIFIC DISCOVERY	82727	\$566,307
SELVA VALERO, DANIEL	Mechanical & Aerospace Engineering	NASA	INTELLIGENT DATA UNDERSTANDING FOR ARCHITECTURE ANALYSIS OF ENTRY, DESCENT, AND LANDING	83385	\$74,000
SETHNA, JAMES P	Lab. of Atomic & Solid State Physics	NSF	EXPLOITING EMERGENT SCALE INVARIANCE	81709	\$300,000
SETHUPATHY, PRAVEEN	Biomedical Sciences	FCF	DISCOVERY OF RNA BIOMARKERS OF FIBROLAMELLAR CARCINOMA	83631	\$100,000
SEVIER, CAROLYN S	Molecular Medicine	DHHS (NIH-NIH NIGMS)	MOLECULAR MECHANISMS TO MAINTAIN ER REDOX BALANCE	68027	\$29,069
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	ELECTROHYDRAULIC EXOSKELETON WITH VISUAL PERCEPTION OF HAPTIC SENSATION POWERED AND COOLED BY ROBOT BLOOD	81865	\$510,000
SMART, CHRISTINE D	CALS School of Integrative Plant Science	NYS (AGMRKT)	VEGETABLE RESEARCH (2017 - 2018)	83842	\$100,000
SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	USDA (USDA APHIS)	FY17 NPDN AND STATE DIAGNOSTICIAN PREPAREDNESS TRAINING THROUGH THE CPHST-BELTSVILLE LABORATORY AND OTHER SITES	81075	\$88,380
SORRELLS, MARK E	CALS School of Integrative Plant Science	NYS (AGMRKT)	COMPARING THE AGRONOMICS OF THE CORN-SOYBEAN-WHEAT/RED CLOVER ROTATION UNDER CONVENTIONAL AND ORGANIC CROPPING SYSTEMS IN NEW YORK (2017-2018)	83504	\$49,000
SORRELLS, MARK E	CALS School of Integrative Plant Science	USDA (ARS)	BREEDING AND GENETICS OF FHB RESISTANT SOFT WINTER WHEAT FOR THE NORTHEASTERN U.S.	73066	\$93,156
STACEY, GORDON J	Center Astrophysics-Planetary Science	USRA	SOFIA [OIII] SPECTROSCOPY OF NEARBY INFRARED BRIGHT GALAXIES: TRACING STELLAR POPULATIONS; THE O/N ABUNDANCE RATIO; AND ABSOLUTE ABUNDANCE	84047	\$84,000
STACEY, GORDON J	Center Astrophysics-Planetary Science	NSF	TRACING THE COSMIC WEB IN THE FAR-INFRARED LINES AS IT BUILDS MASSIVE GALAXIES	82001	\$247,496
STANHOPE, MICHAEL J	Population Medicine & Diagnostic Science	NOVA SOUTHEASTERN UNIVERSITY	COMPARATIVE GENOMICS OF THE WHITE SHARK AND GREAT HAMMERHEAD	84235	\$32,351
STEEN, PAUL H	Chemical & Biomolecular Engineering	NASA	HEAT TRANSFER MANIPULATION VIA SWITCHABLE WETTABILITY SURFACES	83374	\$74,000

STEENHUIS, TAMMO S	CALS Biological & Environmental Engr	USDA (ARS)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80784	\$46,901
STEINSCHNEIDER, SCOTT	CALS Biological & Environmental Engr	HUDSON RIV FDN	TIME-VARYING SEDIMENT YIELD MODELS TO SUPPORT LONG-TERM FLUVIAL SEDIMENT ESTIMATES AND CLIMATE-SMART PLANNING IN THE HUDSON RIVER WATERSHED	81873	\$49,000
STOLTZFUS, REBECCA	Nutritional Sciences	GATES FDN	ESTABLISHING THE LINK BETWEEN MYCOTOXIN EXPOSURE, GUT DYSFUNCTION AND STUNTING IN ZIMBABWEAN INFANTS (LOI)	67669	\$1
STOVER, PATRICK J	Nutritional Sciences	DHHS (NIH)	NUTRITION TRAINING	80160	\$2,022
STOVER, PATRICK J	Nutritional Sciences	DHHS (NIH)	FOLATE-P53 INTERACTIONS IN NEURAL TUBE DEFECTS	82168	\$98,973
STUDER, CHRISTOPH	Electrical & Computer Engineering	NSF	NETS: SMALL: COLLABORATIVE RESEARCH: BRICK: BREAKING THE I/O AND COMPUTATION BOTTLENECKS IN MASSIVE MIMO BASE STATIONS	81958	\$250,000
TELENKO, DARCY EP	CALS Cornell Cooperative Extension	SUNY (U OF BUFFALO)	APPLICATION OF ELECTROMAGNETIC CONDUCTIVITY MEASUREMENTS FOR PRECISION AGRICULTURE FOR NYS VEGETABLE GROWERS	81938	\$5,852
TESTER, JEFFERSON	Chemical & Biomolecular Engineering	BARD	ENERGY, NUTRIENT AND WATER RECOVERY FROM DAIRY WASTE	81241	\$99,000
TIMMONS, MICHAEL B	CALS Biological & Environmental Engr	CONS FUND	COMPUTATIONAL FLUID DYNAMICS OF A MIXED CELL FLOW BEHAVIOR	83963	\$3,000
VAN DER MEULEN, MARJOLEIN C. H.	Mechanical & Aerospace Engineering	HSS	FT-IR MICROSCOPY OF MINERAL STRUCTURE IN OSTEOPOROSIS	63069	\$69,139
VANDEN HEUVEL, JUSTINE E	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	USING NDVI IMAGES TO GUIDE SELECTIVE HARVEST IN WINE GRAPE VINEYARDS	81917	\$130,775
VLADIMIRSKY, ALEXANDER B	Mathematics	NSF	ATD: SURVEILLANCE EVASION AND THREAT AVOIDANCE	82806	\$399,998
WAGNER, BETTINA	Office of the Dean	DHHS (NIH-NIH OD)	CORNELL UNIVERSITY VETERINARY INVESTIGATOR PROGRAM	73563	\$3,159
WANSINK, BRIAN C.	CALS AEM	TARGETCORP	"TARGETING" SMARTER LUNCHROOMS	83869	\$354,958
WEATHERSPOON, HAKIM	Computer Science	NSF (NSF CISE)	CSR: SMALL: PLUG INTO THE SUPERCLOUD	72514	\$99,901
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	NSF	WRF: EXPERIMENTAL OBSERVATION AND MODELING OF COAGULANT MEDIATED CONTAMINANT REMOVAL: FLOCCULATION, FLOC BLANKETS, AND SEDIMENTATION	81638	\$330,000
WEBSTER, MICHAEL S	CALS Lab of O - Programs	U OF FLORIDA	RCN: ENABLING COMPARATIVE STUDIES OF THE PROCESS AND PRODUCTS OF SEXUAL SELECTION IN A GENOMIC CONTEXT	74244	\$47,134
WHITMORE, MARK C	CALS Natural Resources	USDA (FOREST)	ESTABLISHMENT OF A FIELD INSECTARY IN NEW YORK TO RAISE PREDATORS OF THE HEMLOCK WOOLLY ADELGID, ADELGES TSUGAE	69329	\$35,000
WIEDMANN, MARTIN	CALS Food Science	IBM	PROJECT AGREEMENT	82354	\$25,000
WON, ANDREA STEVENSON	CALS Communication	WCM	PAIN TOLERANCE INCREASED BY SOCIAL PRESENCE IN A VIRTUAL ENVIRONMENT	82356	\$16,527
WU, MINGMING	CALS Biological & Environmental Engr	DHHS (NIH)	MICROFLUIDIC PLATFORM FOR TUMOR CELL INVASION	81900	\$1,484,722
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	NSF	CORNELL NEUROTECHNOLOGY HUB FOR LARGE SCALE, NONINVASIVE RECORDING OF NEURAL ACTIVITY	81097	\$3,600,000
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	DHHS (NIH)	OPTIMIZATION OF MULTIPHOTON MICROSCOPY FOR LARGE SCALE ACTIVITY MAPPING IN ADULT ZEBRAFISH	82164	\$2,346,207
YAPICI, NILAY	Neurobiology and Behavior	PEW TRUSTS	PEW SCHOLARS PROGRAM	81745	\$300,000
YU, HAIYUAN	Weill Institute	DHHS (NIH)	TOWARDS A COMPREHENSIVE MULTISCALE 3D HUMAN INTERACTOME NETWORK	81415	\$1,532,274
YU, HAIYUAN	Weill Institute	YALE	PRIORITIZING RARE VARIANTS ASSOCIATED WITH CANCER USING NON-CODING ANNOTATION	76800	\$163,795

ZHANG, KE MAX	Mechanical & Aerospace Engineering	NSF	SMART HEAT: AGGREGATING RENEWABLE-ELECTRIC-HEATING- THERMAL-STORAGE SYSTEMS FOR GRID SERVICES	81815	\$330,000
ZHAO, QING	Electrical & Computer Engineering	DOD (ARMY-ARO)	LARGE-SCALE NETWORK INFERENCE: DETECTING THE UNKNOWN AND THE INTERMITTENT	79026	\$73,454
ZIA, ROSEANNA N	Chemical & Biomolecular Engineering	NSF	DMREF: COLLABORATIVE RESEARCH: PROGRAMMING MESOSTRUCTURED COLLOIDAL SOFT MATTER THROUGH COMPLEX QUENCHING AND ANNEALING	82327	\$391,203