

**Cornell University, Office of Sponsored Programs
Awards Received in August 2018**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	SENSIENT	BEVERAGE COLORS	85078	\$159,800
ABRUNA, HECTOR D	Applied & Engineering Physics	NSF	DMREF: COLLABORATIVE RESEARCH: PHOTOCATALYST BY DESIGN: COMPUTATIONAL SCREENING OF RECONSTRUCTED PEROVSKITE SEMICONDUCTOR ELECTRODES FOR EFFICIENT SOLAR-TO-FUEL CONVERSION	82363	\$75,000
AGNELLO, ARTHUR M	CALS Entomology	ISK BIOSCIENCES	SPONSORED ROUTINE PRODUCT TESTING AGREEMENT	87893	\$4,000
AGNELLO, ARTHUR M	CALS Entomology	DOW AGRO	SPONSORED ROUTINE PRODUCT TESTING AGREEMENT	87498	\$11,000
AGUIAR, MARCELO	Mathematics	SF	HYPERPLANE ARRANGEMENTS LEFT REGULAR BANDS, AND HOPF ALEGEBRAS	86024	\$42,000
ANDERSON, ADAM	Human Development	DHHS (NIH)	CANARY IN A COAL MINE: LOCUS COERULEUS, NOREPINEPHRINE SIGNALING AND DEMENTIA	85606	\$196,746
ANTAKI, JAMES FRANCIS	Biomedical Engineering	DHHS (NIH)	MULTISCALE MODEL OF THROMBOSIS IN ARTIFICIAL CIRCULATION	84528	\$28,367
ARCHER, LYNDEN A	Chemical & Biomolecular Engineering	DOE	ELECTRODEPOSITION OF METALS IN VISCOELASTIC LIQUID ELECTROLYTES	78088	\$43,739
AUGUST, AVERY	Microbiology and Immunology	DHHS (NIH)	IMMUNO-ENGINEERING: INTEGRATED ENGINEERING AND IMMUNOLOGY TRAINING	83716	\$890,560
BARBASCH, DAN	Mathematics	SF	UNIPOTENT REPRESENTATIONS + DIRAC COHOMOLOGY	86010	\$42,000
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	\$1,972
BARRETT, CHRISTOPHER	CALS AEM	USAID	HARNESSING BIG DATA AND MACHINE LEARNING TO FEED THE FUTURE	85521	\$1,000,000
BARSEGHYAN, LEVON	Economics	NSF	AN EMPIRICAL MODEL OF LIMITED CONSIDERATION: ROBUST INFERENCE FOR RISK PREFERENCES	85856	\$395,982
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	DOE	HIGH CURRENT ELECTRON SOURCES FOR STRONG HADRON COOLING AND POLARIZED SOURCES FOR EIC	85886	\$338,000
BERLINER, ELIZABETH A.	Population Medicine & Diagnostic Science	HUMANE SOCIETY	SPAYATHON FOR PUERTO RICO	87437	\$75,000
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	INTERVET (MERCK ANIM HLTH)	THE EFFECT OF TILDIPROSIN(ZUPREVO)ON FLORFENICOL+FLUNIXIN MEGLUMINE(RESFLOR GOLD)ADMINISTRATION ON THE PATHOGEN LOAD PRESENT IN THE UPPER RESPIRAT TRACT AS DETERMINED BY METAGENOMIC AND REAL TIME PCR: CORNELL SRA	87286	\$259,190
BIHN, ELIZABETH	CALS Food Science	USDA (AMS)	CONTINUATION OF THE PRODUCE SAFETY ALLIANCE (FEDERAL FISCAL YEARS 2018 THROUGH 2022)	87620	\$740,466
BINDEL, DAVID	Computer Science	SF	FINDING OPTIMUM MAGNETIC FIELD WITH HIDDEN SYMMETRIES	85689	\$437,138
BRITO, ILANA L	Biomedical Engineering	PEW TRUSTS	PERSONALIZING ANTIBIOTIC USE IN THE POST-ANTIBIOTIC ERA	84621	\$300,000
BROWN, NELLIE J	Industrial & Labor Relations Ext Orgs	MONROE CTY	LEAD RENOVATION, REPAIR AND PAINTING TRAINING, INITIAL AND REFRESHER COURSES 2018-19	86956	\$38,000
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	NSF (NSF BIO)	RESEARCH-PGR: PANAND - HARNESSING CONVERGENCE AND CONSTRAINT TO PREDICT ADAPTATIONS TO ABIOTIC STRESS FOR MAIZE AND SORGHUM	85626	\$4,998,384
BUTCHER, JONATHAN T	Biomedical Engineering	DHHS (NIH-NIH NHLBI)	ENDOTHELIAL-INTERSTITIAL INTERACTIONS IN AORTIC VALVE HOMEOSTASIS AND DISEASE	84908	\$410,000

BUTCHER, JONATHAN T	Biomedical Engineering	DHHS (NIH-NIH NHLBI)	ENDOTHELIAL-INTERSTITIAL INTERACTIONS IN AORTIC VALVE HOMEOSTASIS AND DISEASE	84908	\$2,008,133
CAO, XIAODONG	Mathematics	SF	GEOMETRY AND ANALYSIS OF FOUR-MANIFOLDS	86011	\$42,000
CASASOLA, MARIANELLA	Human Development	NSF (NSF SBE)	EXPLORING THE RELATION BETWEEN NON-SPATIAL SKILLS AND MENTAL ROTATION FROM INFANCY TO PREK	85733	\$819,249
CERIONE, RICHARD A	Molecular Medicine	DHHS (NIH-NIH NCI)	METABOLIC AND GENETIC HETEROGENEITY IN CANCER	82860	\$480
CHEONG, SOON HON H	Clinical Sciences	THERIOGENOLOGY	TREATMENT RESPONSE FOR EQUINE FUNGAL ENDOMETRITIS	86218	\$5,000
CLARK, ANDREW G	Molecular Biology and Genetics	DHHS (NIH)	REGULATION OF GAMETE USE AND NEURAL PATHWAYS IN REPRODUCTION	80560	\$23,658
CLELAND, THOM	Psychology	INTEL	SIGNAL CONDITIONING PREPROCESSORS FOR SPIKING NEURAL NETWORKS	87541	\$50,831
COFFMAN, W. RONNIE	CALS International Programs	USDA (FAS)	BORLAUG FELLOWSHIP PROGRAM - ALGERIA (KHAN)	87229	\$47,363
COSGROVE, BENJAMIN D	Biomedical Engineering	AFAR	SINGLE-CELL DISSOCIATION OF MUSCLE STEM CELL DYSFUNCTION IN HUMAN AGING	86289	\$98,500
DAMLE, ANIL	Computer Science	NSF	ATD: COLLABORATIVE RESEARCH: STATISTICALLY PRINCIPLED REAL-TIME DETECTION OF ANOMALIES FOR TEMPORAL NETWORK DATA	85996	\$124,999
DANDO, ROBIN	CALS Food Science	DMI	ELIMINATING PHOTOSENSITIVE ABSORPTION BANDS FROM LED LIGHT ENGINES TO PRESERVE DAIRY QUALITY	87329	\$120,049
DANDO, ROBIN	CALS Food Science	DAIRY FARMERS OF AMERICA	MILD/MEDIUM CHEDDAR CHEESE QUANTITATIVE CONSUMER RESEARCH: NON-STANDARD PTA	87833	\$8,663
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BALL HORTICULTURAL	SPONSORED PRODUCTS TESTING AGREEMENT	87775	\$5,000
DERRY, LOUIS A	Earth & Atmospheric Sciences	NSF (NSF GEO)	DEVELOPMENT OF A CRITICAL ZONE OBSERVATORY NATIONAL OFFICE	71423	\$162,196
DEVAULT, ILEEN A	Industrial & Labor Relations Ext Orgs	NYS AFL-CIO	THE SCOPE, IMPACT, AND POLICY IMPLICATIONS OF GIG-PLATFORM WORK IN NEW YORK STATE	87659	\$50,000
ESTRIN, DEBORAH	Tech Research	U. OF MEMPHIS	CENTER OF EXCELLENCE FOR MOBILE SENSOR DATA-TO-KNOW (MD2K)	72068	\$12,446
FERGUSON, MELISSA J	Psychology	NSF	NSF/SBE-BSF: TESTING THE ROLE OF IMPLICIT COGNITION IN SELF-CONTROL	85871	\$381,915
FREED, JACK H	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	NATIONAL BIOMEDICAL CENTER FOR ADVANCED ESR TECHNOLOGY (ACERT)	79051	\$378,121
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA APHIS)	DEVELOPING AN EASTERN NCPN-GRAPE CENTER - FY18	84905	\$145,972
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	REGIONAL CENTER PLANT DIAGNOSTIC FACILITY	80289	\$616,033
GAZEL, ESTEBAN	Earth & Atmospheric Sciences	NSF	COLLABORATIVE RESEARCH: THE ONSET OF THE GALAPAGOS PLUME AS A WINDOW TO THE DEEP EARTH	85638	\$319,447
GIBBONS, LAWRENCE	Cornell Lab Accelerator Sciences & Ed	DOE (DOE CHICAGO)	AN IMPROVED MEASUREMENT OF THE MUON ANOMALOUS MAGNETIC MOMENT WITH FERMILAB E989	66336	\$1,505,000
GOGGS, ROBERT A N	Clinical Sciences	FUJIMORI	EVALUATION OF THE TOTAL-THROMBOSIS ANALYSIS SYSTEM (T-TAS) IN DOGS AT RISK OF BLEEDING	87365	\$16,525
GOMEZ, MIGUEL	CALS AEM	USDA (USDA APHIS)	ECONOMIC STUDIES: AN ASSESSMENT OF PAST AND CURRENT EFFORTS, AN EVALUATION OF NEEDS, AND A ROADMAP FOR FUTURE ACTIONS - NATIONAL CLEAN PLANT NETWORK (NCPN)	87417	\$97,221
GOODMAN, LAURA B	Population Medicine & Diagnostic Science	DHHS (FDA)	ADAPTING MOLECULAR FOOD SAFETY TESTS TO ALTERNATIVE MATRICES	73250	\$5,671
GU, APRIL	Civil & Environmental Engineering	WE&RF	COMBINING NITRITE-SHUNT/ANAMMOX PROCESSES WITH SIDE-STREAM EBPR PROCESS FOR SIMULTANEOUS AND SUSTAINABLE NITROGEN AND PHOSPHORUS REMOVAL	85695	\$136,099

GU, APRIL	Civil & Environmental Engineering	NORTHEASTERN U	TOXICOGENOMICS-BASED MECHANISTIC MULTIMEDIA EXPOSURE ASSESSMENT AND CHILD DEVELOPMENT	85925	\$79,584
HAMMER, DAVID A	Electrical & Computer Engineering	DOE	X-RAY SPECTROSCOPIC STUDIES OF X-PINCH PLASMAS WITH 3-5 PICOSECOND RESOLUTION: A QUEST FOR CLEAR EXPERIMENTAL EVIDENCE FOR RADIATIVE COLLAPSE	83537	\$39,132
HARVELL, CATHERINE D	CALS Ecology & Evolutionary Biology	NSF (NSF GEO)	COLLABORATIVE RESEARCH: THE ROLE OF A KEYSTONE PATHOGEN IN THE GEOGRAPHIC AND LOCAL-SCALE ECOLOGY OF EELGRASS DECLINE IN THE EASTERN PACIFIC	86204	\$39,400
HARVELL, CATHERINE D	CALS Ecology & Evolutionary Biology	NSF (NSF GEO)	COLLABORATIVE RESEARCH: THE ROLE OF A KEYSTONE PATHOGEN IN THE GEOGRAPHIC AND LOCAL-SCALE ECOLOGY OF EELGRASS DECLINE IN THE EASTERN PACIFIC	86204	\$369,547
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NASA (NSSC)	SUN GLINTS ON HYDROCARBON SEAS: USING WIND-WAVES TO CONSTRAIN SURFACE WINDS ON TITAN	83292	\$359,259
HESS, PETER	CALS Biological & Environmental Engr	DOE	AGRICULTURAL IMPACTS ON NITROGEN CYCLING: CLIMATE AND AIR POLLUTION	79594	\$439,896
HYSELL, DAVID L	Earth & Atmospheric Sciences	NSF	THEORETICAL AND EXPERIMENTAL STUDIES OF AURORAL FARLEY-BUNEMAN WAVES	83568	\$482,594
JENA, DEBDEEP	Electrical & Computer Engineering	NOTRE DAME	X-PIEZO WIDE-BANDGAP SEMICONDUCTORS FOR RF/LOGIC HYBRIDS	86844	\$505,766
KELLING, STEVEN T	CALS Lab of O - Programs	SWAROVSKI OPTIK	MERLIN COLLABORATION	84044	\$280
KELLING, STEVEN T	CALS Lab of O - Programs	SWAROVSKI OPTIK	MERLIN COLLABORATION	84044	\$332,000
KIZILCEC, RENE	Information Science	ARIZONA STATE U	AGREEMENT FOR PROFESSIONAL SERVICES	87186	\$43,980
KLEINBERG, JON	Computer Science	NSF	BIGDATA: IA: HARNESSING LANGUAGE AND INTERACTION DYNAMICS AT MULTIPLE SCALES TO MAXIMIZE THE BENEFITS OF GROUP INTERACTION	83091	\$24,000
KLINCK, HOLGER	CALS Lab of O - Programs	AVDF	SUPPORTING AN EARLY CAREER SCIENTIST TO FURTHER THE AUTOMATION OF ACOUSTIC MONITORING OF BIODIVERSITY	86199	\$250,000
KNUTH, BARBARA A	Graduate School Financial Aid	NSF	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	81023	\$9,183,540
KURPIOS, NATASZA	Molecular Medicine	MARCH-DIMES	RIGHT-SIDED HYALURONAN PROVIDES A MECHANISM FOR ASYMMETRIC L-R GUT ROTATION	73451	\$33,333
LABA, MAGDELINE	CALS School of Integrative Plant Science	OSWEGO COUNTY SWCD	FINGER LAKES REGION (CAYUGA LAKE) AQUATIC INVASIVE SPECIES INVENTORY AND MONITORING PROJECT	82966	\$50,000
LAL, AMIT	Electrical & Computer Engineering	DOD (NAVY-SSCSD)	HORSE-SHOE: HIGH OPERATIONAL RATE AND SHOCK ENABLED SAW H-FIELD OPTICAL EIT INERTIAL SENSORS	77734	\$300,000
LAMBERT, TRISTAN H.	Chemistry and Chemical Biology	DHHS (NIH)	ENANTIOSELECTIVE BRONSTED ACID CATALYSIS WITH CHIRAL CYCLOPENTADIENES	86325	\$179,444
LEIFER, CYNTHIA A	Microbiology and Immunology	DHHS (NIH)	CORNELL PROGRAM TO INCREASE FACULTY DIVERSITY AND PROMOTE RESEARCH EXCELLENCE	85589	\$1,221,505
LEWIS, NIKOLE K.	Center Astrophysics-Planetary Science	SPACE TELESCOPE	HOW SMALL AND HOW HIGH? ENABLING UV EXOPLANET CLOUD AND EXOSPHERE SCIENCE WITH WFC3/UVIS	87688	\$22,970
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	\$995,000
LIN, SONG	Chemistry and Chemical Biology	AMER CHEM SOC	ELECTROCATALYTIC FLUORINATION REACTIONS USING SUSTAINABLE FLUORINE SOURCES	87056	\$25,000
LINDAU, MANFRED	Applied & Engineering Physics	EXOC	SCALABLE AMPEROMETRIC MICROCHIP ARRAY FOR HIGH-THROUGHPUT SCREENING OF SMALL MOLECULES, PEPTIDES OR GENETIC PERTURBATIONS FOR MODULATION OF QUANTAL TRANSMITTER RELEASE: SBIR - PA-15-270	78895	\$86,331

LOHMAN, ROWENA	Earth & Atmospheric Sciences	NASA (NSSC)	MEASURING DEFORMATION ACROSS ALMOST TEN ORDERS OF MAGNITUDE - SEPARATING SIGNAL FROM NOISE USING LAND SURFACE OBSERVATIONS	77078	\$53,197
LOHMAN, ROWENA	Earth & Atmospheric Sciences	NASA (NSSC)	MEASURING DEFORMATION ACROSS ALMOST TEN ORDERS OF MAGNITUDE - SEPARATING SIGNAL FROM NOISE USING LAND SURFACE OBSERVATIONS	77078	\$53,197
LOHMAN, ROWENA	Earth & Atmospheric Sciences	NASA	QUANTIFYING BIAS INTRODUCED BY VEGETATION IN INSAR STUDIES OF GROUND DEFORMATION AND SURFACE PROCESSES	82624	\$45,000
LUO, DAN	CALS Biological & Environmental Engr	NSF (NSF ENG)	ROL: EAGER: DESYN-C3: A SELF-EVOLVING INDEPENDENT ATP BATTERY FOR PSEUDOCELLS	87508	\$299,987
MAK, KIN FAI FAI	Lab. of Atomic & Solid State Physics	SLOAN	ALFRED P. SLOAN RESEARCH FELLOWSHIP FOR KIN FAL MAK IN PHYSICS	85796	\$13,901
MAK, KIN FAI FAI	Lab. of Atomic & Solid State Physics	NSF (NSF MPS)	EAGER: TUNING THE COLLECTIVE PHENOMENA IN ATOMICALLY THIN METALS BY ELECTROSTATIC DOPING	86277	\$48,071
MANNING, STURT	Classics	US INTERIOR (NPS)	CONDUCT GEOPHYSICAL SUB-SURFACE RESOURCE SURVEY AT ALASKA'S NATIONAL PARKS	79944	\$50,000
MAO, YUXIN	Weill Institute	DHHS (NIH-NIH NIGMS)	THE MECHANISM OF A NOVEL FAMILY OF BACTERIAL UBIQUITIN E3 LIGASES IMPORTANT FOR PHAGOSOME REMODELING	78359	\$55,745
MCART, SCOTT	CALS Entomology	CYPRESS CREEK	ECOLOGICAL AND ECONOMIC BENEFITS OF POLLINATOR-FRIENDLY WILDFLOWER PLANTINGS ON SOLAR SITES IN NEW YORK	87299	\$99,999
MCCARTHY, JOHN E.	Social Statistics	NEASSOC	COLLABORATION IN PUBLIC SCHOOLS	87849	\$48,750
MCEWEN, LEAH RAE	Physical Sciences	NSF (NSF CISE)	FAIR PUBLISHING GUIDELINES FOR SPECTRAL DATA AND CHEMICAL STRUCTURES IN SUPPORT OF CHEMISTRY AND RELATED DISCIPLINARY COMMUNITIES	87006	\$24,611
MCFADDEN, JOSEPH W.	CALS Animal Science	N.CAR ST U	DEVELOPING NUTRITIONAL THERAPIES TO MITIGATE HEAT AND METABOLIC STRESS IN LACTATING DAIRY COWS.	86492	\$55,000
MEHTA, SAURABH	Nutritional Sciences	GAIN	MOBILE DEVICE-ENABLED DETECTION OF BIOMARKERS OF FOOD SAFETY FROM BLOOD OR URINE	82324	\$110,000
MUELLER, ERICH	Lab. of Atomic & Solid State Physics	NSF (NSF MPS)	THEORETICAL AMO STUDIES FOR ENHANCED UNDERSTANDING AND CONTROL OF EMERGENT QUANTUM PHYSICS	85023	\$300,000
MULLER, DAVID A	Applied & Engineering Physics	DOD (AF-AFOSR)	HYBRID-MATERIALS VALLEY OPTOELECTRONICS FOR PHOTON SPIN COMMUNICATION	84713	\$7,489,737
MUSICK, KELLY A	Policy Analysis and Management	DHHS (NIH-NIH NICHD)	TRENDS IN COUPLES' WORK PATTERNS AFTER CHILDBIRTH AND IMPLICATIONS FOR INEQUALITY	83328	\$1,029,497
NIEDERDEPPE, JEFFREY	CALS Communication	PORTLAND STATE	MEDIA ANALYSIS TO FRAME A CULTURE OF HEALTH	84561	\$8,000
NISSENBAUM, HELEN	Tech Research	NSF	SATC: CORE: MEDIUM: COLLABORATIVE: CONTEXTUAL INTEGRITY: FROM THEORY TO PRACTICE	84881	\$399,980
NISSENBAUM, HELEN	Tech Research	ICSI	THE SCIENCE OF PRIVACY: IMPLICATIONS FOR DATA USAGE	84408	\$499,989
NUGEN, SAM R	CALS Food Science	DHHS (NIH-NIH NIBIB)	PHAGE-ENABLED LAB-ON-A-FILTER FOR PATHOGEN SEPARATION, CONCENTRATION, AND DETECTION	85449	\$615,637
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (ESD)	2018-2019 NEW YORK STATE APPLE RESEARCH AND DEVELOPMENT PROGRAM (ARDP GROWER FUNDS)	86698	\$499,395
O'GRADY, PATRICK MICHAEL	CALS Entomology	NSF (NSF BIO)	RAPID: FUNDING THE DROSOPHILA SPECIES STOCK CENTER AT CORNELL UNIVERSITY	85390	\$199,998
OVERTON, THOMAS R	CALS Animal Science	NYS (AGMRKT)	PRO DAIRY (2018-2019)	86732	\$1,201,000

PARRISH, COLIN R	Baker Institute for Animal Health	DHHS (NIH-NIH NIAID)	STRUCTURAL CONTROLS OF FUNCTIONAL RECEPTOR AND ANTIBODY BINDING TO VIRAL CAPSIDS	81060	\$31,400
PAWLOWSKI, WOJTEK	CALS School of Integrative Plant Science	NSF (NSF BIO)	ERA-CAPS: MEIOTIC RECOMBINATION IN PLANTS (MEIOREC): THE EFFECT OF CHROMOSOME AXIS REMODELING ON RECOMBINATION OUTCOMES IN LARGE-GENOME PLANTS.	87374	\$635,520
PECK, GREGORY M	CALS School of Integrative Plant Science	NYS (AGMRKT)	HARD CIDER RESEARCH (2018-2019)	86834	\$200,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	NON-CONTACT EDDY-CURRENT MANIPULATION IN MICROGRAVITY ENVIRONMENTS	86785	\$75,000
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
PRITCHARD, MATTHEW	Earth & Atmospheric Sciences	NASA	COUPLED CHANGES IN THE CRYOSPHERE AND SOLID EARTH MEASURED BY SPACE GEODESY	78987	\$45,000
REID, MATTHEW CHARLES	Civil & Environmental Engineering	NSF	BIOTIC AND ABIOTIC CONTROLS ON NITROUS OXIDE DYNAMICS IN DENITRIFYING BIOREACTORS	84537	\$329,841
RENEGAR, JAMES	Operations Research & Information Engr	NSF	DESIGNING FIRST-ORDER METHODS FOR SOLVING GENERAL AND HUGE CONVEX OPTIMIZATION PROBLEMS	85308	\$316,798
RICE, AARON N	CALS Lab of O - Programs	UMCES	PASSIVE ACOUSTIC MONITORING OF MARINE MAMMALS IN THE MARYLAND WIND PLANNING AREA	86896	\$218,015
RICE, AARON N	CALS Lab of O - Programs	HDR	LONG-RANGE SOUND MEASUREMENTS OF THE MARYLAND METEOROLOGICAL TOWER INSTALLATION	87438	\$114,642
ROBINSON, RICHARD D	Materials Science Engineering	NSF	NSF/DMR-BSF: THE EFFECTS OF CONFIGURATIONAL DISORDER ON POLARON TRANSPORT	84789	\$580,384
RUDD, BRIAN D	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	ROLES FOR DEVELOPMENTALLY REGULATED MICRORNAS IN NEONATAL IMMUNITY	80863	\$269,822
RUDSTAM, LARS G	CALS Natural Resources	UPSTATE FRESH	2018-ASSESSING COMMUNITY STRUCTURE OF LOWER TROPHIC LEVELS IN ONONDAGA LAKE, NEW YORK	86695	\$19,865
SAMPSON, ADRIAN LEWIS DEQUINE	Computer Science	U OF WASHINGTON	THE HAMMERBLADE: CONTINUOUS SYNTHESIS OF POLYMORPHIC HARDWARE/SOFTWARE	85415	\$3,147,172
SCHLOM, DARRELL	Materials Science Engineering	XALLEN	PROCESSES FOR FABRICATION OF ATOMICALLY PRECISE STRONGLY CORRELATED MATERIALS: STTR	85194	\$67,500
SEGUIN, REBECCA	Nutritional Sciences	WCM	CAN YOGA DECREASE PAIN AND INFLAMMATION AMONG WOMEN AGED 60 OR OLDER: A PILOT FEASIBILITY STUDY	86545	\$37,813
SEGUIN, REBECCA	Nutritional Sciences	NYS (AGMRKT)	FARMERS' MARKET NUTRITION PROGRAM CORNELL COOPERATIVE EXTENSION OUTREACH	86523	\$49,995
SHEN, KYLE	Lab. of Atomic & Solid State Physics	MIT	CONVERGENCE QL: NSF/DOE QUANTUM SCIENCE SUMMER SCHOOL	83186	\$82,138
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	NSF	THE INTEGRATED FUTURE ADDITIVE MANUFACTURING DESIGN, PRODUCTION, AND QUALIFICATION	86715	\$50,000
SHI, RUNTING	Computer Science	NSF	SATC: CORE: MEDIUM: COLLABORATIVE: RETHINKING ACCESS PATTERN PRIVACY: FROM THEORY TO PRACTICE	84986	\$400,000
SILBERSTEIN, MEREDITH	Mechanical & Aerospace Engineering	DOE	BIO-INSPIRED POLYMER MEMBRANES FOR RESILIENCE OF ELECTROCHEMICAL ENERGY DEVICES	86271	\$750,000
SMART, CHRISTINE D	CALS School of Integrative Plant Science	NYS (AGMRKT)	2018-2019 VEGETABLE RESEARCH	87175	\$100,000
SPARKS, JED P	Ecology and Evolutionary Biology	NSF	COLLABORATIVE RESEARCH: DIMENSIONS: INTEGRATING PHYLOGENETICS, ECOPHYSIOLOGY, AND TRANSCRIPTOMICS TO UNDERSTAND THE DIVERSITY OF HORNWORT-CYANOBACTERIUM SYMBIOSIS	86337	\$111,362
STEENHUIS, TAMMO S	CALS Biological & Environmental Engr	USDA (ARS)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80784	\$41,191
STUP, RICHARD	CALS Cornell Cooperative Extension	NYS (AGMRKT)	CORNELL FARM LABOR SPECIALIST (2018-2019)	86972	\$200,000

TESTER, JEFFERSON	Chemical & Biomolecular Engineering	DOE (EERE)	EARTH SOURCE HEAT: A CASCADED SYSTEMS APPROACH TO DDU OF GEOTHERMAL ENERGY ON THE CORNELL CAMPUS	82841	\$10,000
TIAN, ZHITING	Mechanical & Aerospace Engineering	NSF	2018-2019 NSF STUDENT POSTER COMPETITION AT THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION (ASME-IMECE)	86893	\$49,840
TIAN, ZHITING	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	ENHANCING THERMAL TRANSPORT AT SOLID-SOLID INTERFACES	86923	\$509,307
TIFFANY, JENNIFER S	NYC - Cooperative Extension	NYS (AGMRKT)	FARMERS' MARKET ALLIANCE NYC 2018-2019	86584	\$10,000
TOPALOGLU, HUSEYIN	Tech Research	NSF	COLLABORATIVE RESEARCH: PERFORMANCE GUARANTEES FOR APPROXIMATE DYNAMIC PROGRAMMING APPROACHES TO PRICING AND CAPACITY MANAGEMENT	85832	\$356,000
TURNER, ANDREW S	Bronfenbrenner Ctr for Translational Rsch	NYS (AGMRKT)	2018 NEW YORK STATE FAIR	87300	\$10,439
VAN ES, HAROLD	CALS School of Integrative Plant Science	JEFFERSON CTY (CCE JEFFERSON)	CONT: ADVANCING NITROGEN MANAGEMENT AND SOIL HEALTH IN NORTHERN NEW YORK	87692	\$22,851
WAGNER, AARON B	Electrical & Computer Engineering	DOD (ARMY-ARO)	CODING FOR RESILIENT COMMUNICATION	81554	\$371,600
WANG, YADONG	Biomedical Engineering	DHHS (NIH)	BIODEGRADABLE SYNTHETIC VASCULAR GRAFT	85581	\$11,042
WEEDEN, KIM	Sociology	ARCUS	WHAT WE KNOW PROJECT	86639	\$25,000
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	87313	\$35,000
WHITTAKER, GARY	Microbiology and Immunology	DHHS (NIH)	STRUCTURAL AND FUNCTIONAL ANALYSIS OF THE CORONAVIRUS SPIKE PROTEIN FUSION PEPTIDE	85329	\$2,001,615
WIEDMANN, MARTIN	CALS Food Science	ALLIED MILK	DEVELOPMENT AND VALIDATION OF A PREDICTIVE TOOL TO SUPPORT PRODUCTION OF EXTENDED SHELF LIFE FLUID MILK – PROPOSAL TO ALLIED MILK PRODUCERS' COOPERATIVE	86959	\$133,407
WISE, FRANK W	Cornell Center for Materials Research	WEST PHARMA	WEST PHARMA SHAFER GROUP: PRODUCT TESTING AGREEMENT	87918	\$3,000
ZAMUDIO, KELLY R	Ecology and Evolutionary Biology	NSF	DIMENSIONS US-BIOTA-SAO PAULO: COLLABORATIVE PROPOSAL: TRAITS AS PREDICTORS OF ADAPTIVE DIVERSIFICATION ALONG THE BRAZILIAN DRY DIAGONAL	86316	\$399,999
ZAYAS, VIVIAN	Psychology	NSF	COLLABORATIVE RESEARCH: THE SPREADING OF PERCEIVED EXCLUSION	84230	\$362,710