

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

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
ABOWD, JOHN M	Industrial & Labor Relations Ext Orgs	DEPT COMMERCE (US CENSUS)	IPA 2016-2018 (ADRM)	87276	\$596,019
ABRUNA, HECTOR D	Chemistry and Chemical Biology	DYNAVOLT TECH	ENERGY MATERIALS CENTER AT CORNELL - CHINA (EMC3)	86253	\$900,000
AUGUST, AVERY	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	REGULATION OF IL10 PRODUCTION IN CD8+ T CELLS DURING FLU INFECTION BY TYROSINE KINASE ITK	85698	\$1,945,745
BANFIELD, DONALD	Center Astrophysics-Planetary Science	NASA (GODDARD SFC)	SALTATION SENSOR	84768	\$891,044
BASKIN, JEREMY M	Weill Institute	NSF	CAREER: CHEMICAL TOOLS TO STUDY PHOSPHATIDIC ACID SIGNALING INTEGRATED WITH EDUCATIONAL OUTREACH IN THE CHEMICAL BIOLOGY OF LIPIDS	84075	\$650,000
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	DYNASIL (RMD)	MANUFACTURING OF RELIABLE BIALKALI PHOTOCATHODES VIA SPUTTERING FOR THE ELECTRON-ION COLLIDER PHASE 2: SBIR	87271	\$133,503
BEAN, RACHEL E	Center Astrophysics-Planetary Science	NASA (JPL)	PROJECT: FISCAL YEAR 2018 FUNDING FOR EUCLID SCIENCE TEAM UNDER JASON RHODES PROPOSAL "CONTRAINING DARK ENERGY AND MODIFIED GRAVITY WITH EUCLID.	84341	\$85,000
BERRY, DANIEL CARL	Nutritional Sciences	AFAR	AGE-DEPENDENT DECLINE OF BEIGE ADIPOCYTE INDUCTION AND ITS METABOLIC CONSEQUENCES	86625	\$98,500
BRIDGEN, MARK	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	DEVELOPMENT OF IMPATIENS PLANTS THAT ARE RESISTANT TO THE DEVASTATING DISEASE, IMPATIENS DOWNY MILDEW	85462	\$139,253
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	U OF ILLINOIS (UIUC)	NOVEL TECHNOLOGIES TO SOLVE THE WATER USE PROBLEM OF HIGH YIELDING C4 BIOENERGY AND BIOPRODUCT FEEDSTOCK	77211	\$45,993
BUCKLEY, DANIEL H	CALS School of Integrative Plant Science	NSF (NSF BIO)	COLLABORATIVE RESEARCH: THE ECOLOGICAL SIGNIFICANCE OF NITROGEN FIXATION IN PERENNIAL GRASSES	84258	\$520,721
BUTCHER, JONATHAN T	Biomedical Engineering	AMER HEART	THE ROLE OF CADHERIN-11 AND CYCLIC STRESS IN THE PROCESS OF CALCIFICATION IN CALCIFIC AORTIC VALVE DISEASE	86068	\$5,000
CARROLL, JULIET E	CALS NYS Integrated Pest Management	NYS (AGMRKT)	2017 ORCHARD COMMODITY SURVEY TRAPS (PO 6204)	87130	\$8,500
CHEN, PENG	Chemistry and Chemical Biology	DOD (ARMY-ARO)	TRACKING SINGLE POLYMER GROWTH DOWN TO SINGLE-MONOMER RESOLUTION	85029	\$1,232,387
CLARK, ANDREW G	Molecular Biology and Genetics	DHHS (NIH)	DYNAMICS OF GENE DRIVES IN NATURAL POPULATIONS	84356	\$6,024
CLELAND, THOM	Psychology	NSF	EAGER: MYRIAD: A NEW ARCHITECTURE FOR PARALLEL MULTISCALE SIMULATION ON CPU/GPU	83315	\$299,577
COLLUM, DAVID B	Chemistry and Chemical Biology	DHHS (NIH)	CHEMISTRY OF LITHIUM ENOLATES	84003	\$1,312,072
COSGROVE, BENJAMIN D	Biomedical Engineering	DHHS (NIH)	COMBINATORIAL BIOMIMETIC SYSTEMS TO ENABLE HIGH-THROUGHPUT EVALUATION AND EXPANSION OF GENOME-EDITED DYSTROPHIC MUSCLE STEM CELLS	84042	\$396,631
CUMMINGS, BETHANY	Biomedical Sciences	USAMRAA	DEFINING ALPHA AND BETA-CELL CROSSTALK FOR THE TREATMENT AND PREVENTION OF DIABETES	84221	\$312,041
CURTIS, PAUL D	CALS Natural Resources	SUNY (SUNY ENVIR SCI)	EVALUATING DEER IMPACTS ON FORESTS OF NEW YORK STATE	74496	\$35,000
DANDO, ROBIN	CALS Food Science	JMC-KOREA	PRODUCT TESTING AGREEMENT	87159	\$3,875
DANKO, CHARLES G	Baker Institute for Animal Health	DHHS (NIH-NIH NHGRI)	MAPPING THE RNA POLYMERASE IN TISSUE SAMPLES WITH CHRO-SEQ	79264	\$38,750
DOUGLAS, ANGELA	CALS Entomology	SYNGENTA INTRNL (SYNGENTA CP)	EXPLORATION OF DSRNA IN INSECTS	86273	\$100,000
DUNN, AMARA R	CALS NYS Integrated Pest Management	NY FARM VIABILITY INST	QUANTIFYING BENEFITS OF BIOFUNGICIDES IN VEGETABLE DISEASE MANAGEMENT USING NOVEL DISEASE DETECTION METHODS	85117	\$84,641

EIHOLZER, LIBBY	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	IMPROVING HUMAN RESOURCE MANAGEMENT ON FARMS WITH HISPANIC EMPLOYEES	86918	\$17,862
ERICKSON, DAVID C	Mechanical & Aerospace Engineering	NSF	I-CORPS: HIGH EFFICIENCY RAPID MAGNETIC ERYTHROCYTE SEPARATOR	86947	\$50,000
FERRARI, SILVIA	Mechanical & Aerospace Engineering	NSF	NEUROMORPHIC TARGET TRACKING AND CONTROL FOR INSECT-SCALE AERIAL VEHICLES	87010	\$50,000
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	U OF UTAH	POPULATION GENETICS AND EVOLUTION OF MOBILE ELEMENTS	85985	\$20,322
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	ENDOGENOUS RETROVIRUSES CO-OPTED FOR IMMUNE DEFENSES	84934	\$90,632
FISCHBACH, CLAUDIA	Biomedical Engineering	DHHS (NIH)	BREAST CANCER-DERIVED FACTORS AND THEIR ROLE IN BONE PRE-METASTATIC NICHE FORMATION	84182	\$960
FROMME, CHRIS	Weill Institute	DHHS (NIH-NIH NIGMS)	REGULATION OF ARF GTPASE ACTIVATION AT THE GOLGI COMPLEX	79477	\$31,099
FUCHS, GREGORY D	Applied & Engineering Physics	US INTERIOR	MATERIALS FOR SCALABLE MAGNETIC SKYRMION MEMORY TECHNOLOGIES	85692	\$800,000
FUCHS, GREGORY D	Applied & Engineering Physics	DOD (AF-AFOSR)	NANOSCALE SPATIOTEMPORAL MAGNETIC MICROSCOPY WITH SCANNING PLASMONIC PROBES	84004	\$94,231
FUCHS, MARC	CALS School of Integrative Plant Science	CALIFORNIA (CA FOOD AND AGR)	RESISTANCE TO GRAPEVINE LEAFROLL-ASSOCIATED VIRUS 3 AND THE GRAPE MEALYBUG	82661	\$375,482
FUCHS, MARC GEORGIEVA, ELKA R	CALS School of Integrative Plant Science Chemistry and Chemical Biology	CALIFORNIA (CA FOOD AND AGR) DHHS (NIH)	ECOLOGY OF GRAPEVINE RED BLOTCH-ASSOCIATED VIRUS PRODUCTION AND FUNCTIONAL CHARACTERIZATION OF THE L-LYSINE EXPORTERS FROM BACTERIAL PATHOGENS	82618 87054	\$221,106 \$163,958
GOODMAN, LAURA B	Population Medicine & Diagnostic Science	DHHS (FDA)	CAPACITY FOR ACCREDITED PATHOGEN WGS IN VETERINARY DIAGNOSTICS	86586	\$72,719
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	SYDOR	KECK-PAD FAST-FRAMING HYBRID X-RAY PIXEL ARRAY DETECTOR: SBIR	85826	\$173,943
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	SYDOR	WIDE DYNAMIC RANGE X-RAY MIXED-MODE PIXEL ARRAY DETECTOR (PHASE II): SBIR	85847	\$1,146,735
GU, APRIL	Civil & Environmental Engineering	NORTHEASTERN U	CENTER FOR RESEARCH ON EARLY CHILDHOOD EXPOSURE AND DEVELOPMENT IN PUERTO RICO (CRECE) PROJECT 2	85666	\$63,000
GUIMBRETIERE, FRANCOIS V	Information Science	NSF (NSF CISE)	CHS: SMALL: TOWARD A MORE REFLECTIVE APPROACH TO 3D MODEL BUILDING	72516	\$16,000
HANRATH, TOBIAS	Chemical & Biomolecular Engineering	NASA	COMPUTER OPTIMIZATION AND 3D PRINTING OF QUANTUM DOT SOLAR CELLS	76833	\$75,000
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	JOHNS HOPKINS UNIV (APL)	PARTICIPATION OF PROFESSOR ALEX HAYES IN THE EUROPA IMAGING SYSTEM (EIS) AS A SCIENCE TEAM MEMBER FOR PHASE A	77327	\$191,278
HEDWIG, DANIELA	CALS Lab of O - Programs	NGS, NAT GEO	INTEGRATING ANIMAL BEHAVIOR AND CONSERVATION: THE VOCAL AND SOCIAL BEHAVIOR OF FOREST ELEPHANTS AT DZANGA BAI IN CENTRAL AFRICAN REPUBLIC	84376	\$28,900
HELBLING, DAMIAN E	Civil & Environmental Engineering	U OF ARIZONA	COMPREHENSIVE IDENTIFICATION OF RESIDUAL PFAS IN FAB WASTEWATER STREAMS AND THEIR FATE AND TRANSFORMATION DURING ACTIVATED SLUDGE TREATMENT	84793	\$270,000
HELBLING, DAMIAN E	Civil & Environmental Engineering	DOD (ARMY-ACE)	RATIONAL DESIGN AND IMPLEMENTATION OF NOVEL POLYMER ADSORBENTS FOR SELECTIVE UPTAKE OF PER- AND POLYFLUOROALKYL SUBSTANCES FROM GROUNDWATER	82296	\$754,466
HELBLING, DAMIAN E	Civil & Environmental Engineering	CYCLOPURE	REMEDICATION TECHNOLOGIES FOR POLY- AND PERFLUORINATED ALKYL SUBSTANCES SUCH AS PERFLUOROCTANE SULFONIC ACID (PFOS) AND PERFLUOROCTANOIC ACID (PFOA): SBIR	84508	\$45,000
HERTER, TERRY L	Center Astrophysics-Planetary Science	SOAR	TSPEC4 MODS FOR SOAR TELESCOPE	84988	\$325,000

HICKS, BETSY J	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	LYING TIME AND LAMENESS IN TIESTALL DAIRY FACILITIES II	86683	\$35,999
HOEPTING, CHRISTINE A	CALS Cornell Cooperative Extension	U OF VERMONT	TESTING GROUND BARRIERS FOR SWEDE MIDGE IPM ON AT-RISK SMALL-SCALE BRASSICA FARMS: NORTHEASTERN IPM CENTER, 2014-2018	86926	\$21,597
HOFFMANN, MICHAEL P	CALS Cornell Cooperative Extension	U SYS OF MARYLAND (U MD COLLEGE PK)	AN UNDERGRADUATE INTEGRATED PEST MANAGEMENT (IPM) TRAINING PROGRAM FOR THE SOUTH AND NORTHEAST REGIONS	83837	\$36,752
HOLDEN, MARTHA J	Bronfenbrenner Ctr forTranslational Rsch	NYS (OCFS)	RC03: BEHAVIOR SUPPORT CRISIS PREVENTION AND INTERVENTION IN RESIDENTIAL SETTINGS	77692	\$731,791
JOO, YONG L	Chemical & Biomolecular Engineering	MERCK KGAA	MOLECULAR MODELING OF DEFECTS IN THE LINE-SPACE PATTERNS OF DIRECTED SELF-ASSEMBLY OF BLOCK COPOLYMER LITHOGRAPHY	86756	\$100,000
KETTERINGS, QUIRINE	CALS Animal Science	NY FARM VIABILITY INST	NITROGEN RICH STRIPS WITH MANURE AND FERTILIZER TO TEST NITROGEN NEEDS OF CORN ACROSS YIELD-STABILITY ZONES WITHIN FARMER FIELDS.	85479	\$143,092
KHAN, MUHAMMAD AWAIS	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	RAPID AND COST-EFFECTIVE PATHOGEN DETECTION ASSAY FOR FIRE BLIGHT MANAGEMENT IN APPLE ORCHARDS	85464	\$101,259
KNUTH, BARBARA A	Office of the Graduate School	JOHNS HOPKINS UNIV	COALITION FOR NEXT GENERATION LIFE SCIENCES DOCTORAL ALUMNI AND POSTDOCTORAL CAREER OUTCOMES	86556	\$100,000
KOREN, AMNON	CALS Molecular Biology & Genetics	OMRF	MECHANISMS REGULATING DNA REPLICATION IN THE DEVELOPING VERTEBRATE EMBRYO	79171	\$2,825
KOZLOWSKI, WENDY A.	Cataloging & Metadata Svcs	U OF MINNESOTA	LAUNCHING THE DATA CURATION NETWORK: A CROSS-INSTITUTIONAL STAFFING MODEL FOR CURATING RESEARCH DATA	85632	\$16,664
LAMMERDING, JAN	Weill Institute	NSF (NSF ENG)	CAREER: THE ROLE OF NUCLEAR BIOMECHANICS DURING CELL MIGRATION IN 3-D ENVIRONMENTS	68368	\$5,000
LAWRENCE, JOSEPH R.	CALS Animal Science	NY FARM VIABILITY INST	EFFECT OF CORN PLANT CHARACTERISTICS AND HARVESTER SETUP ON KERNEL PROCESSING SCORES AND STARCH DIGESTIBILITY	85482	\$77,655
LEI, XINGEN	CALS Animal Science	ADISSEO	EFFICACY AND MECHANISM OF SELISSEO IN COMPARISON WITH OTHER SELENIUM SOURCES ON NUTRITIONAL GENOMICS OF SE, GROWTH PERFORMANCE, HEALTH STATUS, AND CARCASS CHARACTERISTICS OF PIGS UNDER HEAT STRESS	86538	\$77,178
LETHAM, JODI LYNN	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	DETERMINE IF SULFUR IS A LIMITING NUTRIENT IN SOIL AND NEW YORK SOYBEAN PRODUCTION.	85389	\$68,747
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	DOE (SLAC)	LCLS-II HE (HIGH ENERGY)	86862	\$250,000
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	DOE	RAISING SUPERCONDUCTING CAVITY GRADIENTS	66340	\$1,500,000
LOREDO, THOMAS	Center Astrophysics-Planetary Science	NSF	COLLABORATIVE RESEARCH: PHOTOMETRIC REDSHIFTS VIA BAYESIAN FUNCTIONAL DATA ANALYSIS	85375	\$537,398
LOUGE, MICHEL Y	Mechanical & Aerospace Engineering	NSF	ISS: INERTIAL SPREADING AND IMBIBITION OF A LIQUID DROP THROUGH A POROUS SURFACE	79295	\$59,995
LUCKS, JULIUS	Chemical & Biomolecular Engineering	NORTHWESTERN U	CAREER: UNCOVERING QUANTITATIVE DESIGN PRINCIPLES OF RNA REGULATORS FOR SYNTHETIC BIOLOGY	80335	\$120,046
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	CASSINI SOLSTICE MISSION: CREI	64969	\$60,000
MACY, MICHAEL	Sociology	NSF	TESTING UNPREDICTABILITY WITH MULTIPLE WORLDS	84409	\$335,000
MANNING, JASON F	Mathematics	NSF	THE CORNELL TOPOLOGY CONFERENCE	85138	\$72,000
MATSUDAIRA, JORDAN D	Policy Analysis and Management	U OF CAL (UC BERKELEY)	THE EFFECTS OF EMPLOYMENT INCENTIVES AND CASH TRANSFERS ON PARENT AND CHILD OUTCOMES: EVIDENCE FROM THE LONG RUN EFFECTS OF WELFARE REFORM EXPERIMENTS	84261	\$42,388

M CART, JESSICA A	Population Medicine & Diagnostic Science	ELI LILLY (ELANCO)	RESEARCH SERVICES AGREEMENT: BIOMARKER ANALYSIS ON TRANSITION COW BLOOD SAMPLES	87176	\$85,991
MELLON, MICHAEL T	Center Astrophysics-Planetary Science	PLANETARY	FROST HEAVE ON MARS: RATE LIMITING BOUNDARY CONDITIONS AND THE ROLE OF SALTS	87132	\$94,866
MILLER, MEREDITH L.	Clinical Sciences	VRS	ASSESSMENT OF MODERATE PROTEIN CANINE RENAL DIET	85895	\$56,671
MILLER, WILLIAM	CALS School of Integrative Plant Science	GLOECKNER FDN	A SPECTORADIOMETER TO FACILITATE LED-RELATED RESEARCH PROJECTS	86508	\$6,000
MILLER, WILLIAM	CALS School of Integrative Plant Science	GLOECKNER FDN	MICROBIAL IMPACTS ON WATER UPTAKE IN CUT LILIES	86570	\$9,000
MILLER, WILLIAM	CALS School of Integrative Plant Science	DUTCH WHOLESale	DUTCH FLOWERBULB AND NURSERY STOCK (INCLUDING PERENNIALS) RESEARCH PROGRAM	35462	\$600,000
MOLNAR, ALYOSHA	Electrical & Computer Engineering	U OF CAL (UC SANTA BARB)	COMSENTER: A CENTER FOR CONVERGED TERAHERTZ COMMUNICATIONS AND SENSING	83946	\$1,015,835
MOLNAR, ALYOSHA	Electrical & Computer Engineering	NSF	COLLABORATIVE RESEARCH: COMPUTATIONAL PHOTO-SCATTEROGRAPHY: UNRAVELING SCATTERED PHOTONS FOR BIO-IMAGING	82360	\$8,000
MORONI, PAOLO	Population Medicine & Diagnostic Science	SAFEGUARD BIOSYSTEMS	MICROARRAY DEVELOPMENT	70320	\$76,149
MUTSCHLER, MARTHA A	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	REFINING AND EVALUATING NY ADAPTED FRESHMARKET TOMATO LINES WITH COMBINED RESISTANCES TO BACTERIAL AND FUNGAL DISEASES	85418	\$142,756
NIEDERDEPPE, JEFFREY	CALS Communication	NSF (NSF SBE)	DOCTORAL DISSERTATION RESEARCH IN DRMS: HARNESSING ANGER TO PROMOTE ACTIVISM: EXPLORING THE EFFICACY AND EMOTIONAL FLOW OF PERSUASIVE ANGER APPEALS	85891	\$27,054
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	NASA (NSSC)	DEVELOPMENT OF OPTICS AND MICROWAVE MULTIPLEXERS FOR FAR-IR AND MILLIMETER DETECTOR ARRAYS	83538	\$75,000
NUGEN, SAM R	CALS Food Science	GLOBALGOOD	PROJECT AGREEMENT NO. 5	87308	\$48,000
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES - ROOTSTOCK	84059	\$8,800
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES - APPLE ROOTSTOCK	87380	\$9,900
NYROP, JAN P	CALS Geneva AES Finance & Operating	NYS (AGMRKT)	2018-19 ONION RESEARCH & DEVELOPMENT PROGRAM (ORDP STATE FUNDING)	86946	\$50,000
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES - FACILITIES	87378	\$55,000
NYROP, JAN P	CALS CU Agriculture Experiment Station	MINER ARI	WORKING RELATIONSHIP BETWEEN THE WILLIAM H. MINER AGRICULTURAL RESEARCH INSTITUTE AND CORNELL UNIVERSITY	62293	\$27,000
ORR, DAVID P	CALS Biological & Environmental Engr	NYS (NYS DOT)	NEW YORK STATE LOCAL TECHNICAL ASSISTANCE PROGRAM (LTAP): A TECHNOLOGY TRANSFER PROGRAM FOR LOCAL HIGHWAY AGENCIES	76895	\$1,480,000
PARKER, JOHN S	Baker Institute for Animal Health	DHHS (NIH-NIH OD)	GRADUATE TRAINING PROGRAM IN COMPARATIVE MEDICINE	73781	\$50,609
PASS, RAFAEL N	Tech Research	DOD (AF-AFOSR)	FRONTIERS OF PROVABLY SECURE CRYPTOGRAPHIC PROTOCOLS	86524	\$608,076
PECK, GREGORY M	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	DEVELOPING ECONOMICALLY VIABLE CIDER APPLE ORCHARDS FOR NEW YORK	85369	\$150,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	EXPLORING EXTREME TERRAIN USING A POLYHEDRAL ROVER	80174	\$75,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	CLOSE PROXIMITY ROBOTIC MANEUVERING THROUGH FLUX PINNING MANIPULATION	76830	\$75,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	PASSIVE, FAILURE-TOLERANT DOCKING AND UNDOCKING WITH ARTICULATED MAGNETS	76831	\$75,000
RALYEA, ROBERT DAVID	CALS Food Science	INGENUITY	YOGURT PRODUCTS DEVELOPMENT	87291	\$8,250
RASMUSSEN, KATHLEEN M	Nutritional Sciences	DHHS (NIH-NIH NICHD)	TRAINING IN MATERNAL AND CHILD NUTRITION	76860	\$30,684
RESNICK, SIDNEY I	Operations Research & Information Engr	ARMYRDECOM	MULTIVARIATE HEAVY TAIL PHENOMENA: MODELING, DIAGNOSTICS, AND APPLICATIONS IN TACTICAL OPERATIONS	66220	\$421,902

RUBIN, DAVID L	Cornell Lab Accelerator Sciences & Ed	U OF NEW MEXICO	NUMERICAL OPTIMIZATION FOR SPIN DYNAMICS IN ELECTRON (POSITRON) STORAGE RINGS	83939	\$136,900
RUSSELL-ANELLI, JONATHAN M	CALS School of Integrative Plant Science	ITHACA	CITY OF ITHACA GARDENS PAHS & HEAVY METAL SOIL ANALYSIS	87138	\$450
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$500,000
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$250,000
SAMPSON, ADRIAN LEWIS DEQUINE	Computer Science	U OF MICHIGAN	TYPE-DRIVEN SYNTHESIS OF HARDWARE-SOFTWARE INTERFACES	86665	\$1,182,500
SAVRANSKY, DMITRY	Mechanical & Aerospace Engineering	STANFORD U	CHARACTERIZING EXTRASOLAR PLANETARY SYSTEMS WITH THE WFIRST CORONAGRAPH	77923	\$85,182
SAVRANSKY, DMITRY	Mechanical & Aerospace Engineering	NASA	MODULAR ACTIVE SELF-ASSEMBLING SPACE TELESCOPE SWARMS	84644	\$125,000
SCANLON, MICHAEL J	CALS School of Integrative Plant Science	NSF (NSF BIO)	GENETIC NETWORKS REGULATING STRUCTURE AND FUNCTION OF THE MAIZE SHOOT APICAL MERISTEM	67364	\$500,000
SCHIMENTI, JOHN C	Biomedical Sciences	DHHS (NIH-NIH NICHD)	RESEARCH AND CAREER TRAINING IN VERTEBRATE DEVELOPMENTAL GENOMICS	76969	\$1,555
SCHLOM, DARRELL	Materials Science Engineering	NSF	MIP: PLATFORM FOR THE ACCELERATED REALIZATION, ANALYSIS, AND DISCOVERY OF INTERFACE MATERIALS (PARADIM)	75737	\$2,816,072
SCHRYVER, THOMAS	Center for Economic Advancement	NSF	N-HALAMINE ANTIMICROBIAL COATINGS	87151	\$50,000
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$198,719
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$108,977
SETHUPATHY, PRAVEEN	Biomedical Sciences	FCF	NOVEL MOLECULAR, GENETIC, AND MULTI-OMIC STRATEGIES FOR DEVELOPING NEW THERAPEUTICS FOR FIBROLAMELLAR CARCINOMA	87005	\$390,000
SHAN, JIE	Applied & Engineering Physics	NSF	EXPLORING 2D VAN DER WAALS HETEROSTRUCTURES WITH LAYERED MAGNETS FOR VALLEY-BASED ELECTRONICS AND OPTOELECTRONICS	85214	\$400,000
SHEEHAN, MICHAEL	CALS Neurobiology & Behavior	NSF (NSF BIO)	CAREER: EVOLUTION OF INDIVIDUAL IDENTITY - PROCESSES SHAPING SHAPING PHENOTYPIC AND GENETIC DIVERSITY IN ANIMAL RECOGNITION SYSTEMS	84215	\$1,060,000
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	NSF	ELASTOMERIC PASSIVE TRANSMISSION FOR DYNAMIC ADJUSTMENT OF MECHANICAL ADVANTAGE	86993	\$50,000
SHMATIKOV, VITALY	Tech Research	NSF	TWC: MEDIUM: COLLABORATIVE: BROKER LEADS FOR PRIVACY-PRESERVING DISCOVERY IN HEALTH INFORMATION EXCHANGE	77984	\$8,000
SINGH, ANKUR	Mechanical & Aerospace Engineering	DHHS (NIH)	LETSSGO: LYMPHOMA-ON-CHIP ENGINEERED TECHNOLOGY FOR SINGLE-ORGANOID SEQUENCING AND GENOMICS	79390	\$69,615
SINGH, ANKUR	Mechanical & Aerospace Engineering	DHHS (NIH)	LETSSGO: LYMPHOMA-ON-CHIP ENGINEERED TECHNOLOGY FOR SINGLE-ORGANOID SEQUENCING AND GENOMICS	79390	\$37,232
SMART, CHRISTINE D	CALS School of Integrative Plant Science	SUNY (SUNY COBLESKILL)	COBLESKILL AND CORNELL - APPLIED PLANT SCIENCE EDUCATION COLLABORATIVE	83674	\$150,000
SMART, LAWRENCE B	CALS School of Integrative Plant Science	NYS (ESD)	EXPANDING HEMP CULTIVATION IN NYS THROUGH GROWER PARTICIPATION RESEARCH TRIALS WITH CORNELL UNIVERSITY	83908	\$919,343
SMOLKA, MARCUS B	Weill Institute	DHHS (NIH-NIH NIGMS)	CELLULAR RESPONSES TO DNA REPLICATION STRESS	80693	\$332,001
SONG, JEONGMIN	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	TYPHOID VACCINES TARGETING BOTH SALMONELLA TYPHI AND ITS SECRETED VIRULENCE FACTOR	84969	\$2,049,792

SONG, JEONGMIN	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	CRACKING SALMONELLA TYPHIS SECRET CODE: UNDERSTANDING PATHOGENIC MECHANISMS OF SALMONELLA TYPHI TOXIN	85640	\$2,812,699
SQUYRES, STEVEN W STEDMAN, RICHARD C	Center Astrophysics-Planetary Science CALs Natural Resources	JAXA U OF ILLINOIS (UIUC)	CORNELL JAXA LETTER OF AGREEMENT UNDERSTANDING ANGLER BEHAVIORS THAT INFLUENCE THE SPREAD OF AQUATIC INVASIVE SPECIES	86788 83666	\$32,456 \$41,712
STEINSCHNEIDER, SCOTT	CALS Biological & Environmental Engr	DOD (ARMY-ACE)	IPA US ARMY CORPS OF ENGINEERS - INSTITUTE FOR WATER RESOURCES	86829	\$15,000
STRANG, DAVID	Sociology	NOTRE DAME	EMERGENCE, EXPANSION, AND VARIATION OF ISLAMIC FINANCE: INSTITUTIONAL CONDITIONS, ORGANIZATIONAL FORMS, AND CONTESTATION OF LOGICS	85092	\$11,850
STROOCK, ABRAHAM D	Chemical & Biomolecular Engineering	DOD (AF-AFOSR)	PLANT-MIMETIC FUNCTIONAL MATERIALS FOR THERMAL MANAGEMENT AND SUPPRESSION OF FREEZING	87230	\$450,000
SULLIVAN, ROBERT J	Center Astrophysics-Planetary Science	NASA (JPL)	FOR THE PARTICIPATION OF DR. R. SULLIVAN, CO-I, MARS ENVIRONMENTAL DYNAMICS ANALYZER (MEDA), PHASE C/D	86786	\$71,317
SUNTIVICH, JIN	Materials Science Engineering	NSF	SELECTIVE HYDROCARBON PRODUCTION FROM CARBON DIOXIDE ELECTRO-REDUCTION VIA ELECTROCHEMICAL POTENTIAL AND MASS TRANSPORT ENGINEERING	84938	\$400,000
THOM, JULIA TIAN, ZHITING	Cornell Lab Accelerator Sciences & Ed Mechanical & Aerospace Engineering	ARCNANO AMER CHEM.SOC	FY 2017 PHASE II RELEASE 2/ARC NANO: PHASE 2 SBIR ASYMMETRIC THERMAL PROPERTIES OF A NOVEL POLYMER TOPOLOGY	83244 86940	\$51,893 \$110,000
TIFFANY, JENNIFER S	NYC - Cooperative Extension	NYS (AGMRKT)	2018-2019 FARMER'S MARKET NUTRITION PROGRAM	86573	\$49,999
TONG, LANG	Electrical & Computer Engineering	ARIZONA STATE U	PSERC-TONG	65603	\$15,000
TONG, LANG	Electrical & Computer Engineering	ARIZONA STATE U	IPSERC- M 38 PROJECT	86030	\$35,000
TONG, LANG	Electrical & Computer Engineering	NSF	SUSTAINABLE INTEGRATION OF DISTRIBUTED ENERGY RESOURCES IN DISTRIBUTION SYSTEMS	85197	\$390,592
TONG, LANG TOWNSEND, ALEX J	Electrical & Computer Engineering Mathematics	NSF NSF	CIF:SMALL:DEADLINE SCHEDULING AND SENSOR FUSION A SOLVE-THEN-DISCRETIZE PARADIGM FOR SPECTRAL METHODS	85311 85515	\$490,173 \$300,000
VAN DE WALLE, GERLINDE	Baker Institute for Animal Health	USDA (USDA-NIFA)	THE ANTIMICROBIAL PROPERTIES OF MESENCHYMAL STROMAL CELLS AS A BIOLOGICAL ALTERNATIVE TO CONVENTIONAL ANTIBIOTICS IN VETERINARY MEDICINE	83816	\$489,908
VAN ES, HAROLD	CALS School of Integrative Plant Science	AMER FARMLAND	FROM CLASSROOM TO THE FIELD: ADVANCED SOIL HEALTH TRAINING FOR NEW YORK AGRICULTURAL SERVICE PROVIDERS	85174	\$30,000
VLADIMIRSKY, ALEXANDER B	Mathematics	SF	OPTIMALITY & ROBUSTNESS IN STOCHASTIC CONTROL AND MEAN FIELD GAMES	84826	\$16,531
WALTER, MICHAEL TODD	CALS Biological & Environmental Engr	USDA (FOREST)	BIOGEOCHEMICAL MODELING OF SOILS IN SOUTHEAST ALASKA	86952	\$10,000
WANG, MICHELLE D WANG, YADONG	Lab. of Atomic & Solid State Physics Biomedical Engineering	DHHS (NIH-NIH NIGMS) UNT	TRAINING IN MOLECULAR PHYSICS OF BIOLOGICAL SYSTEMS NOVEL SURFACE-MODIFIED BIORESORBABLE ZINC-BASED STENT MATERIALS	79044 85928	\$16,588 \$683,477
WANG, YADONG	Biomedical Engineering	DHHS (NIH)	EXTENDED RELEASE OF BIOACTIVE FACTORS TO TREAT REFRACTORY WOUNDS	84286	\$341,370
WEISS, ROBERT S WHITE, DAVID WHITTAKER, GARY	Office of the Dean CALs Sea Grant Microbiology and Immunology	DHHS (NIH-NIH OD) GREAT LAKES SEAWAY TRAIL VERSATOPE	CORNELL UNIVERSITY VETERINARY INVESTIGATOR PROGRAM WATERTRAIL DEVELOPMENT RESEARCH AND DEVELOPMENT OF NEW VACCINES USING OUTER MEMBRANE VESICLES: SBIR PHASE I	73563 85815 85764	\$2,160 \$27,496 \$53,015
WHITTAKER, GARY	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	DEVELOPMENT OF A SUBUNIT VACCINE FOR MERS-COV AND OTHER EMERGING CORONAVIRUSES	85453	\$450,896

WIEDMANN, MARTIN	CALS Food Science	NY FARM VIABILITY INST	ON-FARM SPORE INTERVENTIONS TO PRODUCE VALUE ADDED LOW SPORE RAW MILK FOR PRODUCTION OF EXTENDED SHELF- LIFE FLUID MILK PRODUCTS	85474	\$95,858
WILCOX, WAYNE F	CALS School of Integrative Plant Science	ISK BIOSCIENCES	SPONSORED ROUTINE PRODUCT TESTING AGREEMENT	87188	\$20,000
WISE, FRANK W	Cornell Center for Materials Research	NYS (DED NYS)	MATCHING GRANT FOR CORNELL CENTER FOR MATERIALS RESEARCH - CCMR	82494	\$2,482,265