

Cornell University, Office of Sponsored Programs
Awards Received in April 2019

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABERS, GEOFFREY A	Earth & Atmospheric Sciences	NSF	ALASKA AMPHIBIOUS COMMUNITY SEISMIC EXPERIMENT	80572	\$53,632
ANTAKI, JAMES FRANCIS	Biomedical Engineering	DHHS (NIH)	MULTISCALE MODEL OF THROMBOSIS IN ARTIFICIAL CIRCULATION	84528	\$513,873
ARTZI, YOAV YIZHAK	Tech Research	NSF	CRII: RI: METHODS FOR LEARNING AND RECOVERING PARTIALLY EMBEDDED LOGICAL REPRESENTATIONS FOR QUESTION ANSWERING	80474	\$8,000
ARTZI, YOAV YIZHAK	Tech Research	NSF	CAREER: SCALABLE LEARNING AND MODELS FOR MAPPING INSTRUCTIONS TO ACTIONS	83871	\$8,000
BARON, MATTHEW	Research	INET	NEW EVIDENCE ON THE ORIGINS OF CREDIT BOOMS AND THE CAUSES OF BANKING CRISES	89229	\$100,000
BEZNER KERR, RACHEL N	CALS Development Sociology	NSF (NSF GEO)	BELMONT FORUM COLLABORATIVE RESEARCH: FARMER-LED AGROECOLOGICAL RESEARCH IN MALAWI USING SCENARIOS FOR BIODIVERSITY AND ECOSYSTEM SERVICES	85407	\$180,000
BIHN, ELIZABETH	CALS Food Science	THE ORGANIC CENTER	MANURE RESEARCH	89540	\$128,850
BROWN, BRYAN JARET	CALS NYS Integrated Pest Management	NY FARM VIABILITY INST	REGAINING CONTROL OF HERBICIDE-RESISTANT WEEDS IN CORN AND SOYBEAN	88691	\$121,542
CHEN, PENG	Chemistry and Chemical Biology	DOD (ARMY-ARO)	DOUBLE HELIX SPINDLE MODULE FOR 3-D SUPER-RESOLUTION IMAGING OF NANOSCALE PLASMON-ENHANCED PHOTOCATALYSIS	87397	\$52,025
CHERNEY, JEROME H	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	FORAGE EVALUATION ON-FARM USING HAND-HELD NIR UNITS	88738	\$102,956
COWEN III, EDWIN A	Civil & Environmental Engineering	DWR	INFRARED REMOTE SENSING OF METRICS OF RIVER FLOW	89527	\$853,548
COX, KERIK D	CALS School of Integrative Plant Science	WASHINGTON TREE FRUIT	INTEGRATED FIRE BLIGHT MANAGEMENT	89758	\$34,328
COX, KERIK D	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	HOW REGIONAL DIFFERENCES IN ERWINIA AMYLOVORA STRAINS SYNERGIZE WITH NOVEL FIRE BLIGHT MANAGEMENT APPROACHES TO MITIGATE GROWER LOSSES	88634	\$90,954
COX, KERIK D	CALS School of Integrative Plant Science	U OF VERMONT	SUSTAINABLE MANAGEMENT OF FIRE BLIGHT IN APPLES USING PLANT GROWTH REGULATORS AND PLANT DEFENSE ACTIVATORS	88556	\$118,125
CURTIS, PAUL D	CALS Natural Resources	DOD (ARMY-ACE)	DEER MOVEMENT STUDY AND BAT CONSERVATION PROJECT AT FORT DRUM, NEW YORK	89918	\$105,960
DANFORTH, BRYAN N	CALS Entomology	USDA (USDA-NIFA)	BEE-MICROBE SYMBIOSES AND THEIR IMPACT ON POLLINATOR HEALTH	88001	\$499,000
DANIEL, SUSAN	Chemical & Biomolecular Engineering	VENATORX	ESTABLISHING A GRAM-NEGATIVE PERMEATION RULE SET LEVERAGING A UNIQUE SMALL MOLECULE LIBRARY	83423	\$375,368
DANKO, CHARLES G	Baker Institute for Animal Health	DHHS (NIH-NIH NHGRI)	EVOLUTION OF CHROMATIN ARCHITECTURE AND TRANSCRIPTIONAL REGULATION IN MAMMALS	86050	\$2,710,232
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BASF SE (BASF CORP)	TESTING SERVICES AGREEMENT	89637	\$21,380
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	USDA (NRCS)	AGRICULTURAL APPLIED CLIMATE INFORMATION SYSTEM (AGACIS) SUBSCRIPTION	88235	\$157,000
DONAHUE, DAN	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	REFINEMENT AND IMPLEMENTATION OF NEWLY-DEVELOPED TECHNOLOGIES TO SIGNIFICANTLY REDUCE PRODUCER LOSSES TO BITTER PIT IN THE 'HONEYCRISP' C.V. APPLE.	88756	\$124,999
EL MOUTAMID, MARYAME EL	Center Astrophysics-Planetary Science	SETI INST	ORBITAL EVOLUTION OF THE MOONS OF SATURN AND URANUS	86268	\$133,450

ENGSTROM, JAMES R	Chemical & Biomolecular Engineering	SRC	EXPLOITING COMPETITIVE INTERACTIONS FOR AREA-SELECTIVE THERMAL AND PLASMA-ENHANCED THIN FILM DEPOSITION	88006	\$300,000
EVANGELISTA, MATTHEW A FARNSWORTH, ANDREW	Government CAL S Lab of O - Programs	APSA NSF (NSF BIO)	RACE AND MORAL CONCERN FOR WARTIME CIVILIAN HARM BELMONT FORUM COLLABORATIVE RESEARCH: BIODIVERSITY SCENARIOS: TOWARDS MONITORING, UNDERSTANDING AND FORECASTING GLOBAL BIOMASS FLOWS OF AERIAL MIGRANTS	89550 85545	\$2,160 \$179,965
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	HFSP0	THE COEVOLUTION OF TRANSPOSABLE ELEMENTS AND ZINC FINGER PROTEINS ACROSS THE VERTEBRATE PHYLOGENY	89779	\$160,980
FISCHBACH, CLAUDIA	Biomedical Engineering	DHHS (NIH)	BREAST CANCER-DERIVED FACTORS AND THEIR ROLE IN BONE PRE-METASTATIC NICHE FORMATION	84182	\$492
FULTON, PATRICK	Earth & Atmospheric Sciences	NSF (NSF GEO)	RECOGNIZING SIGNATURES OF SLOW SLIP IN PLATE BOUNDARY OBSERVATORY BOREHOLE PORE PRESSURE DATA	89437	\$80,813
FULTON, PATRICK	Earth & Atmospheric Sciences	NSF (NSF GEO)	COLLABORATIVE RESEARCH: UNLOCKING THE SECRETS OF SLOW SLIP BY DRILLING AT THE NORTHERN HIKURANGI SUBDUCTION MARGIN, NEW ZEALAND: CORK OBSERVATORY DEVELOPMENT AND INSTALLATION	89439	\$21,148
GODDARD, JULIE MELISSA GU, APRIL	CALS Food Science Civil & Environmental Engineering	PEPSICO USDA (USDA-NIFA)	ANTI-MICROBIAL ACTIVITY OF MATERIALS FUNCTION-TARGETED PHENOTYPING AND GENOTYPING TO ELUCIDATE THE ROLES OF POLYPHOSPHATE-ACCUMULATING MICROORGANISMS IN PROMOTING PLANT P UPTAKE	88500 87795	\$26,163 \$741,682
HADAD, ROBERT G	CALS Cornell Cooperative Extension	U OF DELAWARE	EDUCATING PRODUCE GROWERS & WORKERS IN THE FARM FOOD SAFETY ASPECTS OF EFFICIENT REASONABLE CLEANING OF WASH-LINE EQUIPMENT	88760	\$44,267
HARGRAVES, MONICA J	Policy Analysis and Management	MONTCLAIR	CAN LEADERSHIP VIRTUES BE TAUGHT? DEVELOPING VIRTUOUS SCHOOL LEADERS	86427	\$95,553
HAY, FRANK S HELFENSTEIN, PAUL	CALS School of Integrative Plant Science Center Astrophysics-Planetary Science	NY FARM VIABILITY INST SPACE TELESCOPE	PUTTING THE HEAT ON SEED-BORNE PATHOGENS OF GARLIC THE PLUTO SYSTEM IN THE POST-NEW HORIZONS ERA: OPPOSITION EFFECTS, ROTATIONS, AND ORBITAL STABILITY (CYCLE 25)	88692 84374	\$124,892 \$16,205
JENTSCH, PETER	CALS Entomology	NY FARM VIABILITY INST	EXPANDING THE RANGE FOR ESTABLISHING THE SAMURAI WASP, TRISSOLCUS JAPONICUS IN ORCHARDS AND VEGETABLE CROPS OF NYS	88731	\$124,099
JOO, YONG L	Chemical & Biomolecular Engineering	DOE (EERE)	HIGHLY LOADED SULFUR CATHODE AND COATED SEPARATOR FOR HIGH RATE LI-SULFUR BATTERIES	82663	\$750,000
JU, WENDY GUANG-WEN JUSTICE, DEBORAH RUTH KELLING, STEVEN T	JTC Research Music CAL S Lab of O - Programs	TRI MID ATLANT ARTS NATURE CONSERVANCY-COLUMBIA,SC	VIRTUAL REALITY ON-ROAD DRIVING SIMULATION(VROOM) JAZZ TOURING NETWORK: JOHN SCOFIELD INCREASING RETURNS FOR BIRDRETURNS: MODELS TO ENHANCE PERFORMANCE OF TEMPORARY HABITAT PROGRAMS	87353 86784 85228	\$149,922 \$400 \$30,000
KETTERINGS, QUIRINE	CALS Animal Science	NYS (NYS DEC)	NITROGEN MANAGEMENT AND ON-FARM RESEARCH PARTNERSHIP	88276	\$49,800
KOREN, AMNON	CALS Molecular Biology & Genetics	OMRF	MECHANISMS REGULATING DNA REPLICATION IN THE DEVELOPING VERTEBRATE EMBRYO	79171	\$28,168
LAI, DONG LEE, DANIEL DONGYUEL	Center Astrophysics-Planetary Science Tech Research	NASA (WASHINGTON HQ) WCM	TIDES, SPINS AND FORMATION OF CLOSE-IN GAS GIANTS MYOPHONX: PATIENT-TAILORED WEARABLE DEVICE FOR SPEECH RECOGNITION USING EMG DATA	86568 88702	\$569,203 \$6,000
LEE, KATHLEEN A.	Industrial & Labor Relations Ext Orgs	HH KESSLER FDN	COMBAT TO CAREERS DEMONSTRATION (C2C)	86022	\$350,000

LIN, HENING	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	METABOLITE SENSING AND REGULATION OF PROTEIN FUNCTION	86978	\$1,949,418
LIN, HENING	Chemistry and Chemical Biology	U OF COLORADO	SCREENING AND DEVELOPMENT OF SMALL MOLECULE HDAC11 INHIBITORS TO TREAT OBESITY AND DIABETES	86007	\$845,396
LIS, JOHN T	CALS Molecular Biology & Genetics	WCM	ENGINEERING INDUCED PLURIPOTENT STEM CELLS FOR "OFF THE SHELF" ADOPTIVE T CELL THERAPY	80633	\$90,000
LITVINSKY, FELIX	Center for Economic Advancement	BLACKSTONE	2019 BLACKSTONE LAUNCHPAD TECHSTARS STARTUP WEEKEND AT UCLA	89784	\$2,500
LUJAN, MARLA E	CALS Nutritional Sciences	DHHS (NIH-NIH NICHD)	TRAJECTORY OF OVARIAN MORPHOLOGY DURING THE ADOLESCENT REPRODUCTIVE TRANSITION	86433	\$435,662
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	SWRI	PHASE E OF THE JUNO PROJECT	65074	\$232,083
MAK, KIN FAI FAI	Lab. of Atomic & Solid State Physics	PACKARD FDN	PACKARD FELLOWSHIP	84843	\$873,943
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	VERAISON TO HARVEST NEWSLETTER	70812	\$4,950
MEHTA, SAURABH	Mechanical & Aerospace Engineering	DHHS (NIH)	DIETARY SUPPLEMENT USE AND ACUTE FEBRILE ILLNESS IN PREGNANT WOMEN AND CHILDREN	75777	\$149,377
MELLON, MICHAEL T	Center Astrophysics-Planetary Science	NASA (WASHINGTON HQ)	THE DISTRIBUTION AND AGE OF ICY PERMAFROST ON MARS	88318	\$206,835
MOORE, JUSTIN TATCH	Mathematics	NSF	SET THEORY AND ITS APPLICATIONS	87927	\$333,029
MULLEN, EMMA KATE	CALS Entomology	APICULTURAL SOCIETY	HONEY BEE VIRUSES FOUND IN COMB FROM DEAD OVERWINTERED COLONIES	89270	\$5,319
MURRAY, TIMOTHY C	Rare & Manuscript Collections	WAVE FARM	ROSE GOLDSSEN ARCHIVE OF NEW MEDIA ART CORNELL UNIVERSITY LIBRARY – MEMORY ARCHIVE PROJECT	89737	\$5,000
NAULT, BRIAN A	CALS Entomology	NYVRA	OPTIMIZING THE PERFORMANCE OF INSECTICIDES TO MANAGE CORN EARWORM IN CONVENTIONAL AND ORGANIC SWEET CORN PRODUCTION SYSTEMS	89839	\$20,025
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	GVRM	CREATION OF PRIVATE-SECTOR INNOVATION SPACE IN THE FOOD SCIENCE LABORATORY AT CORNELL AGRITECH	89890	\$400,000
PARPIA, JEEVAK N	Lab. of Atomic & Solid State Physics	NSF	NANOCONFINEMENT, NANOFUIDICS, NEW PHASES AND THEIR TRANSITIONS FOR SUPERFLUID 3 HR	81698	\$7,000
PECK, MASON	Center Astrophysics-Planetary Science	NASA (NSSC)	NASA / NEW YORK SPACE GRANT CONSORTIUM: NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM 2015-2018	76156	\$714,400
PETERSEN, KIRSTIN HAGELSKJAER	Electrical & Computer Engineering	USDA (USDA-NIFA)	CPS: TTP OPTION: MEDIUM: TOUCH SENSITIVE TECHNOLOGIES FOR IMPROVED VINEYARD MANAGEMENT	86464	\$1,191,236
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	NYVRA	OPTIMIZING THE FUNGICIDE RECOMMENDATIONS FOR WHITE MOLD CONTROL IN PROCESSING BABY LIMA BEAN IN NEW YORK	89917	\$17,000
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	NYVRA	EVALUATION OF ALTERNATIVES TO QUADRIS FOR EARLY SEASON AND ROOT DISEASE CONTROL OF TABLE BEET IN NEW YORK (2019-2020)	89842	\$25,000
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	NYVRA	REVISITING THE FUNGICIDE SENSITIVITY OF SCLEROTINIA SCLEROTIUM POPULATIONS CAUSING WHITE MOLD IN SNAP BEAN IN NEW YORK	89920	\$17,000
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	U OF VERMONT	TARPING TO ADVANCE REDUCED TILLAGE SYSTEMS ON SMALL-SCALE VEGETABLE FARMS	88574	\$199,962
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	U OF VERMONT	GROWING THE SPECIALTY MUSHROOM INDUSTRY IN THE NORTHEAST	88555	\$32,759
REINERS, STEPHEN	CALS School of Integrative Plant Science	NYVRA	NYS PROCESSING SNAP BEAN, GREEN PEA AND SWEET CORN VARIETY EVALUATIONS (2019-2020)	89841	\$49,500
RZESZOTARSKI, JEFFREY MARK	Information Science	NSF (NSF CISE)	CRII: CHS: IMPROVING DATA EXPLORATION BY MINING ANALYST BEHAVIOR	87754	\$175,000

SAMPSON, ADRIAN LEWIS DEQUINE	Computer Science	NSF (NSF CISE)	CAREER: TYPE-DRIVEN HETEROGENEOUS PROGRAMMING	87258	\$549,997
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$182,690
SCOTT, ROBERT	Cornell Prison Education Program	MELLON	PROJECTING A MODEL COLLEGE-IN-PRISON PROGRAM: EVALUATION, COMMUNICATION, AND COLLABORATION	87108	\$63,077
SHIELDS, ELSON J	CALS Entomology	U OF VERMONT	BIOLOGICAL CONTROL OF CORN ROOTWORM IN CONVENTIONAL AND ORGANIC CORN PRODUCTION	88502	\$199,199
SHIELDS, ELSON J	CALS Entomology	NY FARM VIABILITY INST	BIOLOGICAL CONTROL OF COLORADO POTATO BEETLE WITH PERSISTENT ENTOMOPATHOGENIC NEMATODES.	88704	\$41,838
SMART, CHRISTINE D	CALS School of Integrative Plant Science	MIRACLE GRO	SPONSORED PRODUCT TESTING AGREEMENT	89403	\$28,380
SMITH EINARSON, MARGARET E	CALS School of Integrative Plant Science	MONSANTO	SERVICE ORDER NUMBER 22: PROTOCOL FY19-33	89843	\$4,608
SONDERMANN, HOLGER	Molecular Medicine	SPF	EXTRINSIC REGULATION OF ATLASTIN AND ITS HSP VARIANTS	88093	\$150,000
STEDMAN, RICHARD C	CALS Natural Resources	N.CAR ST U	EVALUATING THE PROMISE AND POTENTIAL IMPACTS OF R3 EFFORTS TARGETING COLLEGE STUDENTS AS PER OUR DISCUSSIONS	88323	\$4,900
STUP, RICHARD	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	ONBOARDING FARM EMPLOYEES: SAFE, PRODUCTIVE, AND ENGAGED FROM DAY ONE!	88712	\$124,945
TARDOS, EVA	Computer Science	DOD (AF-AFOSR)	COMPETITION AND COLLABORATION IN COMPLEX NETWORKS	88827	\$957,589
TEUKOLSKY, SAUL A	Cornell Lab Accelerator Sciences & Ed	NSF	RESEARCH IN BLACK-HOLE PHYSICS AND RELATIVISTIC ASTROPHYSICS	78272	\$2,460
TEUKOLSKY, SAUL A	Center Astrophysics-Planetary Science	CALTECH	SIMULATIONS OF EXTREME SPACETIMES	85247	\$95,011
TRAVIS, ALEXANDER J	Baker Institute for Animal Health	DHHS (NIH)	MEMBRANE LIPID REGULATION OF CALCIUM CHANNELS IN SPERM	86519	\$2,140,591
VILHUBER, LARS	Industrial & Labor Relations Ext Orgs	AEA	DATA EDITOR FOR THE AMERICAN ECONOMIC ASSOCIATION	85946	\$147,074
WEEDEN, KIM	Sociology	EVELYN AND WALTER HAAS	WHAT WE KNOW PROJECT (WWWKP)	89786	\$25,000
WHITTAKER, GARY	Microbiology and Immunology	WINN FDN	GENERATING AN ATTENUATED FELINE INFECTIOUS PERITONITIS (FIP) VACCINE BY INACTIVATING ENDOU	88938	\$25,000
WILCOX, WAYNE F	CALS School of Integrative Plant Science	ISK BIOSCIENCES	EVALUATION OF ISK BIOSCIENCE PRODUCTS FOR GRAPE DISEASE CONTROL	89885	\$14,400
WILLIAMSON, CHARLES H	Mechanical & Aerospace Engineering	DOD (AF-AFOSR)	UNSTEADY AERODYNAMICS OF GOAL-BASED PROPULSION AND FLIGHT EMPLOYING CPF	86411	\$459,345
WISE, FRANK W	Cornell Lab Accelerator Sciences & Ed	MITEGEN	CRYSTAL IDENTIFICATION AND DELIVERY TECHNOLOGY FOR SERIAL SYNCHROTRON CRYSTALLOGRAPHY: SBIR	88301	\$117,914