

**Cornell University, Office of Sponsored Programs
Awards Received in March 2020**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	NESTLE (NESTEC LTD)	EXTRACTION OF OAT, FURTHER PROCESSING OF AND CHARACTERIZATION OF OAT EXTRACT.	88162	\$120,500
AFRIDI, KHURRAM KHAN	Electrical & Computer Engineering	TESLA	CAPACITIVE WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	87743	\$50,000
BASSUK, NINA L	CALS School of Integrative Plant Science	HRI	COMMERCIAL PRODUCTION OF HICKORIES	90299	\$25,000
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	DYNASIL (RMD)	BRIGHT ELECTRON SOURCE FOR X-RAY FREE ELECTRON LASERS	91485	\$25,000
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	ZOETIS	EXPERIMENTAL METRITIS INDUCTION MODEL DEVELOPMENT ON POST PARTURIENT PRIMIPAROUS DAIRY COWS	92811	\$281,439
BLANK, BRYANT	Center Animal Resources & Education	IFYBER	DEVELOPMENT OF A NEURITE OUTGROWTH (NOM) ASSAY	92100	\$61,819
BLOSSEY, BERND	CALS Natural Resources	NYS (NYS DEC)	NEW YORK INVASIVE SPECIES RESEARCH INSTITUTE	91831	\$2,500,000
BROCK, JOEL D	Cornell Lab Accelerator Sciences & Ed	NSF (NSF MPS)	WORKSHOP ON HIGH ENERGY X-RAY TECHNIQUES 2020, HEXT-2020	92571	\$34,636
BROWN, WARREN A	Policy Analysis and Management	DEPT COMMERCE (US CENSUS)	COUNT REVIEW OPERATIONS	85527	\$4,215
BRUNDIGE, ELIZABETH	Law School Research	JUSTICE CATALYST	SEX WORKERS ACCESS PROJECT	91989	\$60,000
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	U OF ILLINOIS (UIUC)	TERRA-MEPP (MOBILE ENERGY-CROP PHENOTYPING PLATFORM) (PROPOSAL NO. 1211-1529	76164	\$67,399
BUNEA, FLORENTINA	Department of Statistics & Data Science	U OF PITTSBURGH	SPRING 2020 SUPPORT OF GRA XIN (MIKE) BING	92031	\$25,563
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	SUNYRF (SUNYRF STONY BROOK)	SEA GRANT EXTENSION PROGRAM	84630	\$3,300,000
BURROW, ANTHONY	Human Development	GMU	GRIPTAPE: INVESTIGATING THE VALUE OF PERSONALIZED LEARNING JOURNEYS IN POSITIVE YOUTH DEVELOPMENT	90499	\$422,647
CASTEEL, CLARE L	CALS School of Integrative Plant Science	WASHINGTON ST U	EXPLORING MECHANISMS MEDIATING PLANT VIRUS-HERBIVORE INTERACTIONS IN LEGUME CROPS	92717	\$84,053
CHANG, YUNG-FU	Population Medicine & Diagnostic Science	WCM	ANTI-FUSOBACTERIUM NUCLEATUM VACCINE FOR COLORECTA CANCER: TASK #01: EVALUATION OF IMMUNOGENICITY AND EFFICACY OF FN VACCINES IN MOUSE MODELS OF FAP AND LYNCH SYNDROME	80898	\$49,995
CHEN, PENG	Chemistry and Chemical Biology	DHHS (NIH)	SINGLE-CELL IMAGING OF MECHANICALLY COUPLED ASSEMBLY OF METAL EFFLUX COMPLEXES IN BACTERIA	87706	\$714
CHEONG, SOON HON H	Clinical Sciences	GRAYSON-JOCKEY	IMPROVING FUNGAL DIAGNOSIS IN HORSES	91405	\$118,251
COATES, GEOFFREY	Chemistry and Chemical Biology	DOE (AMES LAB)	INSTITUTE FOR COOPERATIVE CATALYSIS IN UPCYCLING OF POLYMERS (ICOUP)	88268	\$150,000
COFFMAN, W. RONNIE	CALS Global Development	ISAAA	ISAAA AMERICENTER ADMINISTRATION	23698	\$200,000
DANIEL, SUSAN	Chemical & Biomolecular Engineering	NSF	EAGER: PLANT MEMBRANE ON-A-CHIP FOR THE GENOME WIDE STUDIES OF PLANT TRANSPORT PROCESSES	92033	\$300,000
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	COMM OF MASS	DROUGHT DECISION DASHBOARD FOR MASSACHUSETTS	91559	\$93,697
DIEL, DIEGO G	Population Medicine & Diagnostic Science	BIOVET VAXXINOVA	DEVELOPMENT OF NOVEL AVIPOXVIRUS-BASED VACCINE DELIVERY PLATFORMS FOR USE IN POULTRY	90348	\$28,354
ENAYATI, HASSAN	Industrial & Labor Relations Ext Orgs	NYC	ASSESS COMPLIANCE AND AWARENESS OF NEW YORK CITY SALARY HISTORY BAN	92784	\$20,000
FLETCHER, DANIEL J	Clinical Sciences	IWF	ESTABLISHING THE PRESENCE AND CAUSE OF UNEXPECTED BLEEDING IN THE IRISH WOLFHOUND	92516	\$17,582
FORTIER, LISA	Clinical Sciences	HYDRO-GEN LLC	PERFORMANCE EVALUATION OF A NON-DEGRADABLE SYNTHETIC DEVICE FOR CHONDRAL AND OSTEOCHONDRAL DEFECTS OF THE KNEE: SBIR PHASE II	89772	\$507,180

FRANK, MARGARET HANNAH	CALS School of Integrative Plant Science	NSF	CAREER: HARNESSING THE PLANT MOBILEOME TO PREDICT, DESIGN, AND DELIVER LONG-DISTANCE RNAs IN PLANTS	90688	\$1,302,104
HAAS, JERE D	Nutritional Sciences	VITASCAN	IRON.SCAN – POINT-OF-CARE IRON STATUS DETERMINATION ENABLED BY MOBILE TECHNOLOGY (PHASE II)	92142	\$2
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NSF (NSF MPS)	REU SITE: ASTROPHYSICS AND PLANETARY SCIENCE AT CORNELL UNIVERSITY	91087	\$404,960
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	92944	\$237,979
HOEPTING, CHRISTINE A	CALS Cornell Cooperative Extension	U OF VERMONT	TESTING GROUND BARRIERS FOR SWEDEN MIDGE IPM ON AT-RISK SMALL-SCALE BRASSICA FARMS	92761	\$1,684
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	RI	PHASE II FOR CORNELL-ERL EQUIPMENT IN THE LIGHTHOUSE PROJECT	90768	\$110,701
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	BROOKHAVEN	ERHIC DESIGN AND SIMULATION	90314	\$100,000
HYMAN, LOUIS	Labor Relations, Law, & History	UBER	UBER/LYFT SEATTLE DATA ANALYSIS	92350	\$61,200
HYMAN, LOUIS	Labor Relations, Law, & History	LYFT	UBER/LYFT SEATTLE DATA ANALYSIS	92351	\$61,200
JUNG, MALTE F	Information Science	NSF	CAREER: UNDERSTANDING AND ENABLING HUMAN-ROBOT COLLABORATION WITH GROUPS OF PEOPLE	90451	\$550,000
KELLING, STEVEN T	CALS Lab of O - Programs	SWAROVSKI OPTIK	MERLIN COLLABORATION	84044	\$483,828
LEE YU, CHRISTINA	Operations Research & Information Engr	NSF	CRII: CIF: GENERALIZATIONS FOR MATRIX AND TENSOR ESTIMATION	90898	\$175,000
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	\$992,200
LIN, SONG	Chemistry and Chemical Biology	RESEARCH CORP	NEW CATALYTIC METHODS FOR ENANTIOSELECTIVE ELECTROSYNTHESIS AND INTRODUCING ELECTROSYNTHESIS TO COLLEGE AND GRADUATE CURRICULA	90201	\$100,000
LODGE, DAVID M.	CALS Ecology & Evolutionary Biology	SUNYRF (SUNYRF STONY BROOK)	DEVELOPMENT OF A COST-EFFECTIVE, STANDARDIZABLE, ENVIRONMENTAL DNA METHOD FOR THE SIMULTANEOUS DETECTION OF MULTIPLE COASTAL INVASIVE SPECIES	83863	\$119,949
LOFTUS, JOHN P	Clinical Sciences	ELLEVET SCIENCES	EX VIVO & IN VITRO ANTI-INFLAMMATORY EFFECTS OF A MIXED CBD/CBDA HEMP OIL FORMULATION	91782	\$62,154
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	DISTINGUISHED VISITING SCIENTIST	89600	\$20
MCGRATH, MARGARET T	CALS School of Integrative Plant Science	RUTGERS	IR-4 NORTHEAST REGION MINOR CROP PEST MANAGEMENT PROGRAM – BIOPESTICIDE RESEARCH	92589	\$22,000
MEHTA, SAURABH	Nutritional Sciences	TUFTS U	FOOD SAFETY ASSESSMENT VIA AFLATOXIN SENSORS AT THE POINT-OF-CARE	87788	\$5,475
NELSON, MARK W.	Johnson - Sponsored Activity	NYS (ESD)	LIFE SCIENCES ENTREPRENEURSHIP FELLOWS	91503	\$50,000
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
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (ESD)	CENTER OF EXCELLENCE IN FOOD AND AGRICULTURAL TECHNOLOGY AT CORNELL AGRITECH	87166	\$4,000,000
OBER, CHRISTOPHER K	Materials Science Engineering	DOD (NAVY-ONR)	ACTIVE DISRUPTION OF MARINE CEMENT-COATING INTERFACE INTERACTIONS TO PREVENT FOULING	91602	\$420,000
POWERS, JANE	Bronfenbrenner Ctr for Translational Rsch	HEALTH RESEARCH	PATHWAYS TO SUCCESS IN NYC	87606	\$13,899
RAHM, BRIAN GRAMLICH	CALS Biological & Environmental Engr	US INTERIOR (USGS)	104B STATE WATER RESOURCES RESEARCH INSTITUTE PROGRAM	78963	\$125,000

RAMACHANDRAN, SEKAR REESINK, HEIDI L. RUIZ-GUTIERREZ, VIVIANA	Molecular Medicine Clinical Sciences CALs Lab of O - Programs	FOREI GRAYSON-JOCKEY NFWF	STRUCTURES OF PROTEIN COMPLEXES IN VERTEBRATE VISION BISPHOSPHONATES AND FATAL MUSCULOSKELETAL INJURY JOINT ANALYSIS OF CITIZEN SCIENCE AND FIELD COLLECTED DATA ON BACHMAN'S SPARROW TO EVALUATE THE EFFECTS OF CONSERVATION AND MANAGEMENT EFFORTS ON DISTRIBUTION AND POPULATION TRENDS	92354 91362 89369	\$29,920 \$114,006 \$89,700
RYAN, MATTHEW R	CALS School of Integrative Plant Science	USDA (ARS NEA)	SELECTION TO DISTRIBUTION: DELIVERING REGIONALLY ADAPTED COVER CROP VARIETIES TO ORGANIC FARMERS	86240	\$299,433
RYAN, MATTHEW R SACKS, GAVIN SCANLON, MICHAEL J	CALS School of Integrative Plant Science CALs Food Science CALs School of Integrative Plant Science	NEW WORLD NYS (AGMRKT) U OF CAL (UC SAN DIEGO)	TAKING TILLAGE OUT OF ORGANIC GRAIN CROP PRODUCTION 2019 - 2020 CONCORD GRAPE RESEARCH GENOMIC ANALYSIS OF LEAF CUTICLE DEVELOPMENT AND FUNCTIONAL DIVERSITY IN MAIZE	92237 90359 73391	\$265,000 \$250,000 \$28,000
SETHI, SURESH ANDREW	CALS Natural Resources	SUNYRF (SUNYRF STONY BROOK)	MONITORING AGAINST RUNAWAY WILD PRODUCTION: GENETICS PROVIDES A COST EFFICIENT AND RELIABLE TOOL FOR IDENTIFYING HATCHERY VERSUS WILD CHINOOK SALMON IN THE GREAT LAKES	89024	\$14,837
STEINSCHNEIDER, SCOTT	CALS Biological & Environmental Engr	U OF MICHIGAN	THE POTENTIAL OF SUBSEASONAL-TO-SEASONAL FORECASTS TO IMPROVE MULTI-OBJECTIVE WATER LEVEL MANAGEMENT ON LAKE ONTARIO	92012	\$25,000
STEINSCHNEIDER, SCOTT	CALS Biological & Environmental Engr	SUNYRF (SUNYRF STONY BROOK)	CLIMATE-SMART FLOOD RISK PLANNING FOR COASTAL COMMUNITIES ON LAKE ONTARIO	83872	\$300
STEINSCHNEIDER, SCOTT	CALS Biological & Environmental Engr	SUNYRF (SUNYRF STONY BROOK)	CLIMATE-SMART FLOOD RISK PLANNING FOR COASTAL COMMUNITIES ON LAKE ONTARIO	83872	\$119,381
SULLIVAN, PATRICK J	CALS Natural Resources	DORIS DUKE	DORIS DUKE CONSERVATION SCHOLARS PROGRAM COLLABORATIVE	92495	\$23,106
UDELL, MADELEINE RICHARDS	Operations Research & Information Engr	NSF	CAREER: ACCELERATING MACHINE LEARNING WITH LOW DIMENSIONAL STRUCTURE	90644	\$550,000
VAN DE WALLE, GERLINDE	Baker Institute for Animal Health	MORRIS ANIMAL	EVALUATING THE UNIQUE TRANSCRIPTOME PROFILES OF INDIVIDUAL EQUINE MESENCHYMAL STEM CELLS TO IMPROVE REGENERATIVE THERAPIES.	90532	\$100,000
WEEDEN, KIM WHITE, DAVID	Sociology CALs Sea Grant	EVELYN AND WALTER HAAS SUNYRF (SUNYRF STONY BROOK)	WHAT WE KNOW PROJECT (WWKP) IMPLEMENTATION OF WEATHER-HAZARDS AWARENESS FOR NEW YORK STATE'S COASTAL COMMUNITIES: BEACHES AND BOATING	92507 90128	\$31,000 \$40,000
WHITMORE, MARK C WIEDMANN, MARTIN	CALS Natural Resources CALs Food Science	NYS (NYS DEC) SUNYRF (SUNYRF STONY BROOK)	NEW YORK STATE HEMLOCK INITIATIVE DEVELOPMENT AND OPTIMIZATION OF PRECISE LISTERIA MONOCYTOGENES CONTROL STRATEGIES FOR SMOKED SEAFOOD	91830 83864	\$1,000,000 \$85,000
WILDEMAN, CHRISTOPHER J	Policy Analysis and Management	NSF (NSF SBE)	DOCTORAL DISSERTATION RESEARCH: DETAINED POTENTIAL—ASSOCIATIVE STIGMA AS A CORE MECHANISM BEHIND EDUCATIONAL INEQUALITY FOR CHILDREN OF INCARCERATED PARENTS	91086	\$16,000