

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

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	DOUXMATOK	QUANTIFY THE ADSORPTION AND DESORPTION OF REGULAR SUGAR AND DOUXMATOK SUGAR IN HUMAN ORAL CAVITIES: GATEWAY L1	90860	\$80,000
ABBASPOURRAD, ALIREZA	CALS Food Science	PEPSICO	REAL-TIME AFFINITY ANALYSIS OF MUCIN AND LOW-CALORIE SWEETENERS: DECODING THE LINGERING AND IMPROVING THE PERCEPTION MECHANISM	91877	\$149,999
ABBASPOURRAD, ALIREZA	CALS Food Science	NUTRAFOL	WASTE STREAM UTILIZATION	91442	\$91,000
ALABI, CHRISTOPHER A	Chemical & Biomolecular Engineering	U OF MINNESOTA	NSF CENTER FOR SUSTAINABLE POLYMERS	91583	\$490,000
ALCAINE, SAMUEL D	CALS Food Science	RIT	RECYCLING DAIRY WASTE INTO VALUE-ADDED PRODUCTS	89707	\$97,940
BEASLEY, GERALD R.	Library Materials	NYS LIBRARY	STATUTORY COLLEGES AT CORNELL - COORDINATED COLLECTION DEVELOPMENT AID 2019/2020	91049	\$13,138
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	INTERVET (MERCK ANIM HLTH)	THE EFFECT OF TILDIPROSIN (ZUPREVO) OR FLORFENICOL + FLUNIXIN MEGLUMINE (RESFLOR-GOLD) TREATMENT ON RESPIRATORY DISEASE IN HOLSTEIN DAIRY CALVES	91204	\$173,623
BIGLER, ESTA R	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	CRIMINAL RECORDS DISCRIMINATION PROJECT	84295	\$250,000
BONHOTAL, JEAN F	CALS School of Integrative Plant Science	NYS (NYS DEC)	LIVESTOCK MORTALITY MANAGEMENT IN NYS, DEVELOPING CAPACITY	90028	\$15,000
CAMPOS-MEDINA, PATRICIA	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	NEW YORK STATE AFL-CIO/ CORNELL UNION LEADERSHIP INSTITUTE 2017-2018	84366	\$150,000
CLEMETSON, ANTOINETTE OLIVIA	CALS Sea Grant	DEPT COMMERCE (NOAA)	SEA GRANT NORTHEAST REGIONAL LOBSTER EXTENSION PROGRAM: NEW YORK	89298	\$59,584
COATES, GEOFFREY	Chemistry and Chemical Biology	U OF MINNESOTA	NSF CENTER FOR SUSTAINABLE POLYMERS	91584	\$1,470,005
DE VLAMINCK, IWIJN	Biomedical Engineering	DHHS (NIH-NIH NCI)	SPATIALLY RESOLVED METAGENOMICS TO EXPLORE TUMOR-MICROBIOME INTERACTIONS IN HUMAN COLORECTAL CANCER	88021	\$1,113,672
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	ENVIRONMENT CANADA	UPDATE THE EXTREME PRECIPITATION IN ATLANTIC CANADA WEB APPLICATION WITH THE RECENTLY UPDATED ECCS AMS DATA FOR IDF LOCATIONS IN ATLANTIC CANADA	91988	\$3,500
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	DEPT COMMERCE (NOAA)	THE NORTHEAST REGIONAL CLIMATE CENTER	79436	\$22,750
DONAHUE, LINDA H	Industrial & Labor Relations Ext Orgs	RACF	THE EMPLOYMENT RIGHTS OF JUSTICE-INVOLVED JOB SEEKERS AND THEIR EMPLOYERS IN NYS	90827	\$5,000
FUCHS, MARC	CALS School of Integrative Plant Science	NY WINE/GRAPE	IDENTIFYING CLEAN NURSERY STOCKS FOR A SUSTAINABLE NEW YORK VITICULTURE	NEV 89144	\$40,623
GADIKOTA, GREESHMA	Civil & Environmental Engineering	DOE	MECHANISTIC TUNING OF CHEMICAL TRANSFORMATIONS FOR COUPLING THE GEO-MIMICRY OF ACID GAS STORAGE WITH DESIGN STRATEGIES TO PRODUCE CLEAN ENERGY CARRIERS IN MULTI-PHASE REACTION ENVIRONMENTS (MATTER)	90501	\$749,999
GURVICH, ITAI	Tech Research	IA	DOD STTR: PHASE 1: RESOURCE SHARING PLATFORMS FOR IMPROVED OPERATIONAL LOGISTICS	91809	\$315,574
HARGRAVES, MONICA J	Policy Analysis and Management	MONTCLAIR	PACE GLOBAL: GLOBAL PARTNERSHIPS FOR ADVANCING CHARACTER PROGRAM EVALUATION	89989	\$51,496
HAYNES, MARTHA P	Center Astrophysics-Planetary Science	BRINSON	DARK MATTER ALONG A FILAMENT OF GALAXIES	90424	\$50,000
HOFFMAN, GUY	Mechanical & Aerospace Engineering	DOD (ARMY-ARO)	MULTIDIMENSIONAL TRUST INFERENCE IN COMPLEX HUMAN-AGENT TEAMS	90088	\$496,529

HOLMBERG, DAVID H	Einaudi Center for Intl Studies	US DEPT OF EDU	2019 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD	89682	\$63,446
HUSON, HEATHER J	CALS Animal Science	NYS (NYS PARKS & REC)	CORNELL RAPTOR PROGRAM - 2016 TO 2021	79217	\$2,348
KALTENEgger, LISA	Center Astrophysics-Planetary Science	HEISING-SIMONS	LABORATORY EXPLORATION OF LAVA WORLDS	90509	\$499,991
KARHAN, ANDREW	Industrial & Labor Relations Ext Orgs	CSG	NATIONAL POLICY DEVELOPMENT CENTER FOR PREPARING YOUTH AND YOUNG ADULTS WITH DISABILITIES FOR EMPLOYMENT	90754	\$1,249,955
KLINCK, HOLGER	CALS Lab of O - Programs	OREGON ST U	DETECTION AND IDENTIFICATION OF ENVIRONMENTAL DNA FROM BEAKED WHALES ON THE NAVY'S ATLANTIC UNDERSEA TEST AND EVALUATION CENTRE (AUTECE) RANGE USING DROPLET DIGITAL PCR	86361	\$28,000
KLINCK, HOLGER	CALS Lab of O - Programs	EXCELERATE (NORTHEAST GATEWAY ENERGY BRIDGE LLC)	NORTHEAST GATEWAY DEEPWATER PORT NORTHERN RIGHT WHALE MONITORING AND MITIGATION PLANNING	52965	\$1,038,221
KRESS-GAZIT, HADAS	Mechanical & Aerospace Engineering	NSF	INCLUSION AT ROBOTICS: SCIENCE AND SYSTEMS 2020	90591	\$49,920
LEWIS, NEIL ANTHONY	CALS Communication	NVF	MIND SCHOLARS NETWORK (MSN)	90504	\$75,000
LEWIS, NIKOLE K.	Center Astrophysics-Planetary Science	STANFORD U	OPTIMIZING WFIRST CORONAGRAPH SCIENCE (WFIRST SCIENCE INVESTIGATION TEAM)	89698	\$190,000
LIN, SONG	Chemistry and Chemical Biology	AMER CHEM SOC	ENANTIOSELECTIVE ELECTROCATALYSIS FOR THE FUNCTIONALIZATION OF ALKENES	89579	\$110,000
LIN, SONG	Chemistry and Chemical Biology	MERCK AND CO	ELECTROCHEMICAL DIFUNCTIONALIZATION OF ALKENES	91239	\$50,000
MA, MINGLIN	CALS Biological & Environmental Engr	O2M	OXYGEN MEASUREMENT CORE	89982	\$15,000
MA, MINGLIN	CALS Biological & Environmental Engr	HARTWELL FDN	PREVENTING LETHAL INFECTIONS IN KIDS RECOVERING FROM CANCER THERAPY	90023	\$329,574
MANSFIELD, ANNA K	CALS Food Science	RIT	BREWERY SUSTAINABILITY INITIATIVE	87837	\$24,668
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	VERAISON TO HARVEST NEWSLETTER	70812	\$23,974
MCAHON, PETER	Applied & Engineering Physics	NTT	QUANTUM PRINCIPLES AND CONSTRUCTION OF COHERENT NETWORK COMPUTERS	89545	\$2,000,000
NISHIMURA, NOZOMI	Biomedical Engineering	AMERICAN ACADEMY OF ARTS & SCIENCES	BIOLUMINESCENT NEURAL RECORDING METHODS FOR NEXT-GENERATION BRAIN MACHINE-INTERFACES	91167	\$60,000
NYDAM, DARYL V	Population Medicine & Diagnostic Science	VIRGINIA TECH	EFFICACY OF NOVEL CHEMOTHERAPEUTICS TARGETING CRYPTOSPORIDIUMIN NEONATAL CALVES	90350	\$104,936
PAWLOWSKI, WOJTEK	CALS School of Integrative Plant Science	MEIOGENIX	DEVELOPMENT OF METHODS TO CONTROL RECOMBINATION IN MAIZE: GATEWAY LEVEL 3	89254	\$1,308,030
PETERSEN, KIRSTIN HAGELSKJAER	Electrical & Computer Engineering	PACKARD FDN	INTELLIGENCE AND INFORMATION PROPAGATION IN NATURAL AND ROBOT SWARMS	89427	\$875,000
PRYOR, SARA C	CALS Earth and Atmospheric Science	U OF CAL (UC DAVIS)	AN INTEGRATED EVALUATION OF THE SIMULATED HYDROCLIMATE SYSTEM OF THE CONTINENTAL US	89460	\$708,233
REISCH, BRUCE I	CALS School of Integrative Plant Science	NY WINE/GRAPE	BREEDING AND EVALUATION OF NEW WINE GRAPE VARIETIES WITH IMPROVED COLD TOLERANCE AND DISEASE RESISTANCE	69282	\$22,217
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	DEVELOPMENT OF RAPID APPROACHES FOR QUANTIFYING KEY FLAVOR COMPOUNDS AND THEIR PRECURSORS IN GRAPES	72600	\$127,800
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	DEFINING APPROPRIATE FREE AND MOLECULAR SO2 LIMITS FOR WINE PACKAGED IN ALUMINUM CANS	89210	\$14,855
SAMPSON, ADRIAN LEWIS DEQUINE	Computer Science	FACEBOOK	PROGRAM SYNTHESIS AND OPTIMIZATION FOR DIGITAL SIGNAL PROCESSORS	91459	\$65,000
SAVRANSKY, DMITRY	Mechanical & Aerospace Engineering	NASA	SUB-PIXEL INTER-SATELLITE IMAGERY CROSS-CALIBRATION VIA IMAGE DECOMPOSITION AND DYNAMIC FILTERING	89935	\$576,458
SCHIMENTI, JOHN C	Biomedical Sciences	MWRIF	GENETICS OF MALE INFERTILITY: A MARKER OF OVERALL HEALTH	87385	\$1,881,653

SCOTT, JEFFREY G	CALS Entomology	NY WINE/GRAPE	INSECTICIDE RESISTANCE IS LIMITING CONTROL OF SOUR ROT IN NEW YORK VINEYARDS	89165	\$61,849
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	WCM	PATIENT-SPECIFIC CORONARY ISCHEMIC THRESHOLDS BY 3D PRINTING	88850	\$458,200
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	TEXAS A&M	HYBRID SPACE SUITS FOR TORQUE ASSIST AND MCP	88825	\$50,000
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	FIU	TRANSFORMING ANTENNAS CENTER (TAC)	89066	\$748,078
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	NASA (JPL)	STRETCHABLE OPTICAL LIGHTGUIDES FOR SENSING DEFORMATION DURING PARACHUTE DEPLOYMENT	89580	\$52,000
SHULER, MICHAEL L	Biomedical Engineering	CC FND	AN ORGANOTYPIC MODEL RECAPITULATION COLON CANCER MICROENVIRONMENT AND METASTASIS	80016	\$120,105
SPITZ, JUDITH ANN	Tech Research	VERIZON	INNOVATIVE CAREER READINESS PROGRAMMING	91263	\$250,000
UPTON, JOANNA BETH	Dyson - Sponsored Research	CATHOLIC RELIEF	MEASUREMENT INDICATORS FOR RESILIENCE ANALYSIS (MIRA) PUSHING THE RESILIENCE RESEARCH FRONTIER, WHILE INNOVATING TARGETING, COMMUNITY FEEDBACK, AND ADAPTIVE FOOD ASSISTANCE PROGRAMMING	91110	\$74,900
WAGNER, K C	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	DOMESTIC VIOLENCE AWARENESS AND WORKPLACE EMPOWERMENT PROJECT 2017-2018	84367	\$150,000
WALTER-PETERSON, HANS C	CALS Cornell Cooperative Extension	NY WINE/GRAPE	EVALUATION OF METHODS FOR MANAGEMENT OF FIELD BINDWEED IN NEW YORK VINEYARDS	86980	\$17,991
WALTER-PETERSON, HANS C	CALS Cornell Cooperative Extension	NY WINE/GRAPE	EVALUATION OF A BERRY CUTICLE SUPPLEMENT TO REDUCE CLUSTER ROTS IN VINEYARDS	89216	\$9,246
WIEDMANN, MARTIN	CALS Food Science	CPS	LISTERIA DEVELOPS REDUCED SANITIZER SENSITIVITY BUT NOT RESISTANCE AT RECOMMENDED SANITIZER USE LEVELS	89289	\$187,874
WIEDMANN, MARTIN	CALS Food Science	HEALTH RESEARCH	ELC FOODBORNE ILLNESS CENTERS OF EXCELLENCE	77671	\$286,356
WIEDMANN, MARTIN	CALS Food Science	CPS	FACTORS AFFECTING PERSISTENCE OF LISTERIA MONOCYTOGENES NEED TO BE IDENTIFIED FOR EVALUATION AND PRIORITIZATION OF INTERVENTIONS	89290	\$180,493
YU, HAIYUAN	Weill Institute	ALBERT EINSTEIN	GENETIC CONTROL OF GENOME MAINTENANCE IN HUMAN AGING AND LONGEVITY	86954	\$1,001,120
ZABIH, RAMIN	Tech Research	CVF	COMPUTER VISION FOUNDATION	88952	\$22,046