

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

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	INNER MONGOLIA MENGNIU DAIRY	NOVEL APPROACHES TO PRESERVE PROBIOTICS IN REINFORCED SOLID MICROCAPSULES	89947	\$165,000
ANANTH, NANDINI	Chemistry and Chemical Biology	U OF MINNESOTA	EXPLORING NUCLEAR QUANTUM EFFECTS ON ADSORPTION AND TRANSPORT IN POROUS MATERIALS: PREDICTIVE HIERARCHICAL MODELING OF CHEMICAL SEPARATIONS & TRANSFORMATIONS IN FUNCTIONAL NANOPOROUS MATERIALS: SYNERGY OF ELECTRONIC STRUCTURE THEORY, MOLECULAR SIMULATION, MACHINE LEARNING, & EXPERIMENT	79925	\$72,000
AVEDISIAN, C T	Mechanical & Aerospace Engineering	AUBURN U	BIOPRODUCTION AND EVALUATION OF RENEWABLE BUTYL ACETATE AS A DESIRABLE BIOBLENDSTOCK FOR DIESEL FUEL	87321	\$309,905
BARRETT, CHRISTOPHER	Dyson - Sponsored Research	IFPRI	IFPRI/PIM LINKAGE FUNDING	79382	\$60,000
BENTOLILA, STEPHANE	CALS Molecular Biology & Genetics	NSF	EAGER: DEVELOPMENT OF AN RNA EDITING TOOL FOR PROBING THE FUNCTION OF PLANT MITOCHONDRIAL GENES AND PROTEINS	90810	\$299,998
BRAZIER, ADAM	Center for Advanced Computing	U OF WISCONSIN SYS (UW MILWAUKEE)	A FRAMEWORK FOR DATA INTENSIVE DISCOVERY IN MULTIMESSENGER ASTROPHYSICS	90056	\$194,899
BUCKLER, EDWARD S	Institute Biotechnology & Life Science	U OF WASHINGTON	RESEARCH-PGR: ENHANCER DISCOVERY AND DESIGN IN AGRICULTURALLY IMPORTANT CROP PLANTS	84151	\$90,941
CENTRELLA, MARY L	CALS Cornell Cooperative Extension	EXT FNDN (MO)	2020 PESTICIDE SAFETY EDUCATION GRANT	92009	\$18,650
CHEETHAM, JONATHAN	Clinical Sciences	RENERVA	ALTERING THE INJURY MICROENVIRONMENT WITH A MACROPHAGE AND SCHANN CELL RECRUITING EXTRACELLULAR MATRIX-BASED HYDROGEL TO IMPROVE LARYNGEAL NERVE INJURY RECOVERY: SBIR PHASE I	87906	\$74,806
CHEETHAM, JONATHAN	Clinical Sciences	RENERVA	DEVELOPMENT OF A PERIPHERAL NERVE MATRIX CONDUIT TO ENABLE NERVE REGENERATION: SBIR PHASE I	88845	\$74,845
CHEONG, SOON HON H	Clinical Sciences	MITEGEN	EVALUATING THE IMPACT OF AUTOMATED ULTRA-FAST COOLING AND WARMING IN SCIENCE-BASED OPTIMIZATION OF ASSISTED REPRODUCTION OUTCOMES	91040	\$16,000
COLLINS, BRIAN GLENN	Clinical Sciences	PETSMART	TEACHING VETERINARY CARE ACCESSIBILITY	89563	\$200,000
DANFORTH, BRYAN N	CALS Entomology	SUNYRF (SUNYRF ENVIRONMENTAL SCIENCE AND FORESTRY (ES)	FORT DRUM POLLINATOR SURVEY	91969	\$5,947
DILLON, BRIAN MICHAEL	Dyson - Sponsored Research	TUFTS U	THE EMERGENCE OF A MARKET FOR STORAGE TECHNOLOGIES: ADDRESSING DEMAND AND SUPPLY CONSTRAINTS TO TECHNOLOGY ADOPTION	91462	\$13,500
FINKELSTEIN, JULIA L	Nutritional Sciences	U OF S CAROLINA	A RANDOMIZED TRIAL OF QUADRUPLE FORTIFIED SALT FOR ANEMIA AND BIRTH DEFECTS PREVENTION IN SOUTHERN INDIA	86613	\$410,000
FISH, BRIAN W.	CALS Facilities	NYS (AGMRKT)	ARNOT FOREST MAPLE PROGRAM RENOVATION AND RELOCATION	90863	\$500,000
FLECKER, ALEXANDER S	CALS Ecology & Evolutionary Biology	NAU	LITTER QUALITY AND STREAM FOOD WEBS: A NEW PARADIGM FOR UNDERSTANDING INTERACTIONS BETWEEN MICROBES AND INVERTEBRATES	80821	\$1

FUCHS, MARC	CALS School of Integrative Plant Science	APGA	NPDN WORK PLAN FOR SENTINEL PLANT NETWORK FY19 (PHASE IX)	88087	\$70,000
FUCHS, MARC	CALS School of Integrative Plant Science	APGA	NPDN WORK PLAN FOR PUBLIC GARDEN SURVEYS, PHASE III	88086	\$23,387
GADIKOTA, GREESHMA	Civil & Environmental Engineering	U OF UTAH	MULTI-SCALE FLUID-SOLID INTERACTIONS IN ARCHITECTED AND NATURAL MATERIALS (MUSE)	90815	\$40,000
GETCHELL, RODMAN G	Microbiology and Immunology	NYS (NYS DEC)	FISH PATHOLOGY AND DIAGNOSTIC SERVICES	89238	\$49,990
GLAHN, RAYMOND P	CALS Food Science	NESTLE	SERVICE AGREEMENT	91956	\$16,000
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	IEL	VOCATIONAL REHABILITATION TECHNICAL ASSISTANCE CENTER YOUTH WITH DISABILITIES (VRTAC-Y)	82999	\$300,000
GOMES, CARLA P	Computer Science	CALTECH	ENERGY MATERIALS CHEMISTRY INTEGRATING THEORY, EXPERIMENT AND DATA SCIENCE	90082	\$405,000
HAY, ANTHONY G.	CALS Microbiology	STERIFRE MEDICAL	SPONSORED TESTING AGREEMENT	90976	\$7,000
HELFENSTEIN, PAUL	Center Astrophysics-Planetary Science	U OF VIRGINIA	PHOTOMETRIC PROPERTIES OF PLUTO SYSTEM SURFACES	87887	\$96,391
HITCHENER, GAVIN R.	Population Medicine & Diagnostic Science	US POUL & EGG	ORAL TOXOID PROJECT	91511	\$50,000
HOLMBERG, DAVID H	Einaudi Center for Intl Studies	US DEPT OF EDU	2019 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD	89682	\$3,444
KIM, EUN-AH	Lab. of Atomic & Solid State Physics	ARGONNE	DATA SCIENCE FOR DISCOVERY IN CHEMICAL AND MATERIALS SCIENCES	90163	\$900,000
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	\$1,007,515
KNEPPER, RICHARD JOEL	Center for Advanced Computing	U OF TEXAS SYS (UT AUSTIN)	OPERATIONS PROPOSAL FOR LEADERSHIP CLASS COMPUTING FACILITY	88102	\$1,249,749
LAMMERDING, JAN	Weill Institute	AMER HEART	AN INDUCED PLURIPOTENT STEM CELL MODEL OF LMNA DILATED CARDIOMYOPATHY TO STUDY THE DISEASE PATHOGENESIS	90869	\$62,032
LAMMERDING, JAN	Weill Institute	VOLKSWAFND	SURVIVING UNDER PRESSURE: ADAPTATION TO MECHANICAL FORCES AS A KEY STEP IN THE EVOLUTION OF MULTICELLULAR LIFE	88360	\$550,000
LAPOINTE, ANNE M	Chemistry and Chemical Biology	U OF MINNESOTA	NSF CENTER FOR SUSTAINABLE POLYMERS	91586	\$13,559
LEWENSTEIN, BRUCE V	Science and Technology Studies	KAVLI	WORKSHOP ON DEFINING COMMUNITY SCIENCE CAPACITY	91934	\$49,597
LIS, JOHN T	CALS Molecular Biology & Genetics	DHHS (NIH)	CONTROL OF POLYMERASE PAUSING BEFORE AND AFTER INDUCING TRANSCRIPTION	87784	\$2,572
MANNING, STURT	Classics	NEH	MEDIEVAL MONUMENTS AND WOODEN CULTURAL HERITAGE PRODUCTION ON CYPRUS: BUILDING HISTORY WITH TREE-RINGS	88880	\$208,882
MARTINEZ, JESSICA LEVIN	Johnson Art Museum	NYS (NYS CA)	GENERAL SUPPORT FOR THE HERBERT F. JOHNSON MUSEUM OF ART	89381	\$87,000
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	ADVANCED ACTPOL	72964	\$153,914
NISHII, LISA H	Office of Academic Diversity Initiatives	US DEPT OF EDU	CORNELL UNIVERSITY MCNAIR PROGRAM	83280	\$10,896
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NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (AGMRKT)	2019-2020 ONION RESEARCH & DEVELOPMENT PROGRAM (ORDP STATE FUNDS)	90309	\$70,000
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (ESD)	2018-2019 NEW YORK STATE ONION RESEARCH AND DEVELOPMENT PROGRAM (ORDP GROWER FUNDS)	86764	\$24,000
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (ESD)	2018-2019 NEW YORK STATE CABBAGE RESEARCH AND DEVELOPMENT PROGRAM (CRDP GROWER FUNDS)	86649	\$23,000
O'BRIEN, KIMBERLY	Nutritional Sciences	USAMRAA	REPORT OF STABLE CALCIUM ISOTOPE ANALYSIS	83211	\$321,862
OVERTON, THOMAS R	CALS Animal Science	NYS (AGMRKT)	DAIRY PROFIT TEAMS/DAIRY ADVANCEMENT PROGRAM (2019-2020)	89933	\$370,000

PILLEMER, KARL A	Bronfenbrenner Ctr forTranslational Rsch	WCM	CORNELL ROYBAL CENTER-TRANSLATIONAL RESEARCH INSTITUTE ON PAIN IN LATER LIFE	88112	\$948,158
POWERS, JANE	Bronfenbrenner Ctr forTranslational Rsch	OCO	SUBCONTRACT- OAH TIER 1 B (REPLICATION TPP PROGRAMS TC 76383 SCALE IN OSWEGO COUNTY)		\$19,500
POWERS, JANE	Bronfenbrenner Ctr forTranslational Rsch	OCO	SUBCONTRACT- OAH TIER 1 B (REPLICATION TPP PROGRAMS TC 76383 SCALE IN OSWEGO COUNTY)		\$7,500
QIAN, SHU-BING	Nutritional Sciences	AMER HEART	DECIPHERING MITOCHONDRIA TRANSLATIONAL CONTROL IN CARDIAC STRESS	90841	\$62,032
RYAN, MATTHEW R	CALS School of Integrative Plant Science	N.CAR ST U	ENHANCING THE SUSTAINABILITY OF US CROPPING SYSTEMS THROUGH COVER CROPS AND AN INNOVATIVE INFORMATION AND TECHNOLOGY NETWORK	88244	\$436,849
SCHLOM, DARRELL	Materials Science Engineering	G&B MOORE FDN	MOORE MATERIALS SYNTHESIS INVESTIGATOR	91474	\$1,700,000
SCHLOM, DARRELL	Materials Science Engineering	XALLEN	PROCESSES FOR FABRICATION OF ATOMICALLY PRECISE STRONGLY CORRELATED MATERIALS: STTR PHASE II	89332	\$149,455
STAEHR, A. EDWARD	CALS AEM	NYS (AGMRKT)	FARM FAMILY ASSISTANCE - FARMNET (2019-2020)	90307	\$872,000
SUN, YING	CALS School of Integrative Plant Science	NASA (JPL)	RESOLVING THE DIURNAL CYCLE OF SOLAR-INDUCED CHLOROPHYLL FLUORESCENCE (SIF) FROM STOMATE TO LANDSCAPE - YEAR 1	89599	\$149,286
VILHUBER, LARS	Industrial & Labor Relations Ext Orgs	U OF CAL (UC BERKELEY)	THE ACRE PROJECT: ACCELERATING COMPUTATIONAL REPRODUCIBILITY IN ECONOMICS	89557	\$63,135
WANG, YADONG	Biomedical Engineering	U OF PITTSBURGH	MATRICELLULAR SIGNALING IN ENGINEERED TRACHEAL TRANSPLANTATION	83652	\$13
WILDEMAN, CHRISTOPHER J	Bronfenbrenner Ctr forTranslational Rsch	FWD	MEASURING FAMILIAL HISTORY OF INCARCERATION	86048	\$28,000
WOROBO, RANDY W	CALS Food Science	PURDUE	FEED THE FUTURE INNOVATION LAB FOR FOOD SAFETY	88277	\$1,999,355
XU, KENONG	CALS School of Integrative Plant Science	OKANAGAN BIOTECHNOLOGY INC.	FIELD TRIAL ACTIVITIES	47057	\$13,786
YOON, JAY	Design and Environmental Analysis	SAMSUNG	IDENTIFYING CORE USER VALUES IN MOBILE EXPERIENCES AND DESIGN OPPORTUNITIES	91730	\$83,000