

Cornell University, Office of Sponsored Programs
Awards Received in March 2018

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	HP HOOD	IMPROVEMENT OF STABILITY OF NON-DAIRY CREAMER	85961	\$65,000
ADIE, STEVEN G	Biomedical Engineering	DHHS (NIH)	THREE-DIMENSIONAL MECHANO-MICROSCOPY OF THE STEM CELL NICHE	84166	\$610,870
AGUIAR, MARCELO	Mathematics	SF	TOPICS IN HYPERPLANE ARRANGEMENTS	84811	\$103,146
AGUILAR-CARRENO, HECTOR	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	MECHANISMS OF NIPAH VIRUS FUSION AND ENTRY	84669	\$120,312
AYE, YIMON	Chemistry and Chemical Biology	MERCK	MERCK PARTNERSHIP	85518	\$80,000
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	NSF	REU SITE: ACCELERATOR PHYSICS AND SYNCHROTRON RADIATION SCIENCE	84442	\$342,905
BONASSAR, LAWRENCE	Biomedical Engineering	AERIN MED	COMBINED CHEMICAL AND RADIO FREQUENCY TREATMENT FOR RESHAPING OF THE NASAL SEPTUM	78859	\$55,184
BRITO, ILANA L	Biomedical Engineering	SLOAN	HORIZONTAL GENE TRANSFER IN THE BUILT ENVIRONMENT	85141	\$125,000
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	SUNY (NY SEA GRANT)	SEA GRANT EXTENSION PROGRAM	71584	\$74,172
CHOUDHURY, TANZEEM K	Information Science	WCM	TECHNOLOGICAL INNOVATIONS IN MONITORING AND EVALUATING RESPIRATION (TIMER) FOR PREVENTION OF RESPIRATORY ARREST FOLLOWING OPIOID OVERDOSE	86330	\$10,000
CHRISTY, RALPH	CALS AEM	MMI	AGRICULTURAL INPUT AND OUTPUT MARKETS IN AFRICA	45152	\$67,400
CLARK, ANDREW G	Molecular Biology and Genetics	DHHS (NIH)	DYNAMICS OF GENE DRIVES IN NATURAL POPULATIONS	84356	\$177,222
COFFMAN, W. RONNIE	CALS International Programs	USDA (FAS)	BFP18 BORLAUG FELLOWSHIP PROGRAM - MOROCCO (EL MOURIDI) RESILIENT AG	86164	\$33,239
CUMMINGS, KEVIN J	Population Medicine & Diagnostic Science	USDA (USDA-NIFA)	MULTIDISCIPLINARY, PROBLEM-BASED LESSONS ON ANTIMICROBIAL RESISTANCE FOR SEAMLESS INTEGRATION INTO VETERINARY CURRICULA	83704	\$299,993
CURTIS, PAUL D	CALS Natural Resources	DOD (ARMY-ACE)	FORT DRUM DEER MOVEMENT STUDY AND IMPACTS ON BAT HABITAT CONSERVATION	85561	\$70,500
CURTIS, PAUL D	CALS Natural Resources	NYS (NYS DEC)	MANAGING COMMON TERNS TO ENHANCE PRODUCTIVITY AT ONEIDA LAKE	85914	\$19,990
DATTA, ASHIM K	CALS Biological & Environmental Engr	WHIRLPOOL	PREDICTING PERFORMANCE OF COOKING OVENS	86212	\$251,496
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BASF SE (BASF CORP)	BASF PRODUCT TESTING AGREEMENT 2018-1	86450	\$13,500
DAVIS, HARRY F	Chemistry and Chemical Biology	DOE (DOE CHICAGO)	DYNAMICS OF COMBUSTION REACTIONS	37608	\$511,959
DAVIS, J. C. SEAMUS	Lab. of Atomic & Solid State Physics	DOE (BROOKHAVEN)	SPECTROSCOPIC IMAGING STM FOR COMPLEX ELECTRONIC MATTER STUDIES	63791	\$230,000
DICHEL, WILLIAM	Chemistry and Chemical Biology	DOD (ARMY-ARO)	THE CENTER FOR ADVANCED 2D ORGANIC NETWORKS	76091	\$75,000
DOMSKE, HELEN M	CALS Sea Grant	U OF ILLINOIS (UIUC)	USING A TEACHER MENTOR MODEL TO EXPAND THE IMPACT OF THE CENTER FOR GREAT LAKES LITERACY'S COMMUNITY OF PRACTICE	81166	\$19,985
ERICKSON, DAVID C	Mechanical & Aerospace Engineering	WCM	TECHNOLOGICAL INNOVATIONS IN MONITORING AND EVALUATING RESPIRATION (TIMER) FOR PREVENTION OF RESPIRATORY ARREST FOLLOWING OPIOID OVERDOSE	86340	\$8,000
ESPINHEIRA, FILIPE	Clinical Sciences	FOREI	DETECTION OF GENETIC LOCI FOR HUMAN PRIMARY ANGLE CLOSURE GLAUCOMA (PACG) IN NORMAL AND PACG COCKER SPANIELS	86183	\$29,920
ESTROFF, LARA A	Materials Science Engineering	BSF	ELUCIDATING THE FUNCTIONAL ROLE OF SOLUBLE MACROMOLECULES IN FACILITATING PRIVILEGED ENVIRONMENT FOR TEMPLATED CRYSTALLIZATION	83346	\$150,000
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIGMS)	ENDOGENOUS RETROVIRUSES CO-OPTED FOR IMMUNE DEFENSES	84934	\$215,441
FUCHS, MARC	CALS School of Integrative Plant Science	NYS (AGMRKT)	2017-2018 ORCHARD COMMODITY SURVEY - PLANT PATHOLOGY (NYS DAM PO #6069)	86076	\$20,000

FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	ADVANCING VIRUS-TREEHOPPER-HOST INTERACTIONS TO DEVISE AND DISSEMINATE DISEASE MANAGEMENT RECOMMENDATIONS	83948	\$95,000
FUCHS, MARC	CALS School of Integrative Plant Science	NYS (AGMRKT)	2017-2018 GRAPE COMMODITY SURVEY - PLANT PATHOLOGY (NYS DAM PO #6070)	86077	\$25,000
GIORDANO, JULIO O	CALS Animal Science	NY FARM VIABILITY INST	DEVELOPMENT AND VALIDATION OF AN AUTOMATED IN-LINE MILK MONITORING SYSTEM TO IMPROVE NUTRITIONAL, HEALTH, AND REPRODUCTIVE MANAGEMENT OF DAIRY CATTLE	85711	\$90,000
GLEESON, SHANNON MARIE	Labor Relations, Law, & History	RUSSELL SAGE	TEMPORARY IMMIGRATION STATUS, RACE AND WORKPLACE PRECARIETY	85372	\$30,242
GOGGS, ROBERT A N	Clinical Sciences	AB VET BIO	EVALUATION OF STABLEPLATE RX IN THROMBOCYTOPENIC CANINE PATIENTS: A MULTICENTER CLINICAL TRIAL	82856	\$26,480
GRANT, JENNIFER	CALS NYS Integrated Pest Management	NYS (NYS PARKS & REC)	REDUCED RISK GOLF COURSE MANAGEMENT	85475	\$79,799
GU, APRIL	Civil & Environmental Engineering	NSF	RESEARCH EXPERIENCE FOR UNDERGRADUATES SUPPLEMENT TO: COLLABORATIVE RESEARCH: COLLABORATIVE RESEARCH: MECHANISTIC AND PREDICTIVE GENOTOXICITY ASSESSMENT OF NANOMATERIALS	85664	\$150,783
HELBLING, DAMIAN E	Civil & Environmental Engineering	NSF	CAREER: A META-OMICS APPROACH TO DISCOVER THE DETERMINANTS OF MICROPOLLUTANT BIOTRANSFORMATIONS PERFORMED BY WASTEWATER MICROBIAL COMMUNITIES	84111	\$500,000
HELFENSTEIN, PAUL	Center Astrophysics-Planetary Science	SPACE TELESCOPE	THE PLUTO SYSTEM IN THE POST-NEW HORIZONS ERA: OPPOSITION EFFECTS, ROTATIONS, AND ORBITAL STABILITY (CYCLE 25)	84374	\$12,459
HOFFMANN, ROALD	Chemistry and Chemical Biology	DOE (LLNL)	CRYSTAL STRUCTURE PREDICTION OF THE HIGH-PRESSURE PHASES OF MG	86064	\$43,974
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	DOE (BROOKHAVEN)	CORNELL-BROOKHAVEN ERL TEST ACCELERATOR (CBETA)	82010	\$2,000,000
JOACHIMS, THORSTEN	Computer Science	WCM	ALACRITY FOR LATE- AND MID-LIFE MOOD DISORDER (METHODS CORE)	81579	\$141,663
KELLING, STEVEN T	CALS Lab of O - Programs	NATURE CONSERVANCY-COLUMBIA,SC	INCREASING RETURNS FOR BIRD RETURNS: MODELS TO ENHANCE PERFORMANCE OF TEMPORARY HABITAT PROGRAMS	85228	\$70,000
KLINCK, HOLGER	CALS Lab of O - Programs	HDR (HDR EOC)	PASSIVE ACOUSTIC MONITORING PROGRAM FOR THE NORTHERN GULF OF MEXICO	80670	\$311,912
LEVINE, LIONEL	Mathematics	SF	MULTISCALE LIMITS	84879	\$89,682
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	CASSINI SOLSTICE MISSION: CREI	64969	\$58,681
MACMARTIN, DOUGLAS G	Mechanical & Aerospace Engineering	NSF	INTRODUCING A DESIGN ELEMENT INTO STRATOSPHERIC AEROSOL GEOENGINEERING	85241	\$299,529
MANN, SABINE	Population Medicine & Diagnostic Science	GRAYSON-JOCKEY	INVESTIGATING METABOLIC STRESS AND VIRAL HEPATITIS IN THE PATHOGENESIS OF MALADAPTATION TO TRAINING SYNDROME IN THOROUGHBRED HORSES: A NESTED CASE-CONTROL STUDY	84870	\$117,333
MANNING, STURT	Classics	NSF	COLLABORATIVE RESEARCH: THE EXTENSION OF A DENDROCHRONOLOGICAL SEQUENCE TO NORTHERN MEXICO	84301	\$132,905
MARTINEZ, JOSE	Electrical & Computer Engineering	U OF VIRGINIA	CRISP: CENTER FOR RESEARCH ON INTELLIGENT STORAGE AND PROCESSING-IN-MEMORY	83944	\$2,950,000
MESSER, PHILIPP	CALS Biology Stats & Computational Biol	PREDATOR FREE	REALISTIC POPULATION MODELING OF GENE DRIVE STRATEGIES FOR RODENT CONTROL IN NZ	86596	\$102,228
MOLNAR, ALYOSHA	Electrical & Computer Engineering	U OF CAL (UC SANTA BARB)	COMSENTER: A CENTER FOR CONVERGED TERAHERTZ COMMUNICATIONS AND SENSING	83946	\$3,047,506

MUSICK, KELLY A	Policy Analysis and Management	STOCKHOLM UNIV	COLLABORATIVE PROJECT: COHABITATION AND FAMILY COMPLEXITY; HIS AND HER EARNINGS FOLLOWING PARENTHOOD	86311	\$90,350
PECK, MASON	Mechanical & Aerospace Engineering	NASA (KENNEDY SC)	EDDY CURRENT APPROACH AND PROXIMITY SATELLITE PROJECT	86144	\$70,000
PENDER, JAMOL J	Operations Research & Information Engr	NSF	CAREER: IMPROVING SERVICE SYSTEMS THROUGH REAL-TIME AND DELAYED INFORMATION	84097	\$500,000
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	DEVELOPMENT OF RISK ALGORITHMS FOR THE NORTHERN ROOT-KNOT NEMATODE IN POTATO IN NEW YORK STATE	83950	\$92,812
REINERS, STEPHEN	CALS School of Integrative Plant Science	MONSANTO	SERVICE ORDER #20	86544	\$21,230
RILES, ANNELISE	Law School Research	HUMBOLDT	COLLABORATION IN GOVERNANCE IN THE DIGITAL AGE	85968	\$59
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	STRATEGIES TO IMPROVE ROOT DEVELOPMENT, TREE GROWTH AND MANAGEMENT OF APPLE NURSERY TREES	85851	\$5,000
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	EVALUATION OF THE CORNELL-GENEVA APPLE ROOTSTOCKS AND OTHER PROMISING APPLE ROOTSTOCKS	85833	\$8,000
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	IFTA	NEW TRAINING, HIGH-DENSITY PLANTING SYSTEMS AND ORCHARD PRACTICES FOR SWEET AND TART CHERRY EASTERN GROWERS	85824	\$5,000
RUSSELL, DAVID G	Microbiology and Immunology	GATES FDN	NOVEL HIGH-THROUGHPUT DRUG SCREENS FOR INHIBITORS WITH ENHANCED IN VIVO ACTIVITY AGAINST MTB	73207	\$612,080
SAWADA SIMOES COSTA, MARCOS	CALS Molecular Biology & Genetics	MARCH OF DIMES	GENOMIC ANALYSIS OF SKELETOGENIC DIFFERENTIATION IN THE CRANIAL NEURAL CREST	86351	\$150,000
SCHLOM, DARRELL	Materials Science Engineering	NOTRE DAME	APPLICATIONS AND SYSTEMS DRIVEN CENTER FOR ENERGY-EFFICIENT INTEGRATED NANOTECHNOLOGIES (ASCENT)	83003	\$1,374,999
SCHMIT, TODD M	CALS AEM	NE COOP CNCL	NECC EXTENSION AND OUTREACH PROGRAM	85536	\$215,441
SCHNEIDER, REBECCA L	CALS Natural Resources	PENN STATE	RETROFITTING THE ROADSIDE DITCH NETWORK TO TREAT NITROGEN FROM AGRICULTURAL RUNOFF USING WOODCHIP BIOREACTORS IN BRADFORD COUNTY, PA.	83718	\$159,240
SETHUPATHY, PRAVEEN	Biomedical Sciences	AMER DIABETES	SYSTEMS APPROACH TO DEFINING GENETIC REGULATION OF INTESTINAL PHYSIOLOGY AND GUT MICROBIOTA IN DIET-INDUCED OBESITY	85905	\$1,153,063
SHELTON, ANTHONY M	CALS Entomology	OXITEC	DIAMONDBACK MOTH FIELD TRIALS, CORNELL UNIVERSITY 2017	84050	\$147,305
SHULER, MICHAEL L	Biomedical Engineering	CC FND	AN ORGANOTYPIC MODEL RECAPITULATION COLON CANCER MICROENVIRONMENT AND METASTASIS	80016	\$121,718
SHVETS, GENNADY	Applied & Engineering Physics	SAMSUNG	TUNABLE DIELECTRIC METASURFACES AND METALENS FOR AR/VR APPLICATIONS	83859	\$100,000
SIMPSON, KENNY	Clinical Sciences	FARMINA	A PILOT STUDY ON THE EFFECT OF FARMINA HYDROLIZED FISH PROTEIN DIET ± CURCUMIN AND PREBIOTICS AS DIETARY THERAPY OF CHRONIC ENTEROPATHY IN DOGS	85533	\$107,577
SQUYRES, STEVEN W	Center Astrophysics-Planetary Science	NASA (MARSHALL SFC)	COMET ASTROBIOLOGY EXPLORATION SAMPLE RETURN (CAESAR)	82506	\$2,000,000
SRIDHARAN, KARTHIK	Computer Science	NSF	CAREER: NEW PARADIGMS FOR ONLINE MACHINE LEARNING	84091	\$550,000
STACEY, GORDON J	Center Astrophysics-Planetary Science	USRA	FIFI-LS SPECTROSCOPY OF NEARBY IR BRIGHT GALAXIES: TRACING STELLAR POPULATIONS; THE O/N ABUNDANCE RATIO; AND ABSOLUTE ABUNDANCES	86176	\$45,000
THERKILDSEN, NINA	CALS Natural Resources	NSF (NSF BIO)	COLLABORATIVE RESEARCH: THE GENOMIC UNDERPINNINGS OF LOCAL ADAPTATION DESPITE GENE FLOW ALONG A COASTAL ENVIRONMENTAL CLINE	84413	\$860,986
THORNE, ROBERT E	Lab. of Atomic & Solid State Physics	DHHS (NIH-NIH NIGMS)	TECHNOLOGY DEVELOPMENT FOR HIGH-THROUGHPUT BIOMOLECULAR CRYOSAXS	83733	\$1,460,972

TONITTO, CHRISTINA	CALS International Programs	ENVDFUND	IMPROVING THE SCIENTIFIC FOUNDATION FOR GREENING THE FOOD SUPPLY CHAIN	85678	\$50,000
TURNER, ANDREW S	Bronfenbrenner Ctr forTranslational Rsch	NATL 4-H	NYS 4-H CHANGE MANAGEMENT	86481	\$97,015
WANG, YADONG	Biomedical Engineering	GLOBAL BIOMED	COMBINE PGS AND LIDOCAINE INTO A STABLE SOLUTION FOR ADHESIVE COATING	86012	\$8,250
WANG, YI	Biomedical Engineering	WCM	CLINICAL SUMMER IMMERSION FOR BIOMEDICAL ENGINEERING PHD STUDENTS	82211	\$395,992
WEINBERGER, KILIAN Q	Computer Science	WASHINGTON U STL	DECONVOLUTION OF EPIGENOMIC DATA TO CHARACTERIZE CELLULAR SUBPOPULATIONS	80569	\$45,000
WIEDMANN, MARTIN	CALS Food Science	MARS	ASSESSMENT OF SALMONELLA DETECTION METHODS PART III	76302	\$210,000
WILDEMAN, CHRISTOPHER J	Bronfenbrenner Ctr forTranslational Rsch	FWD	MEASURING FAMILIAL HISTORY OF INCARCERATION	86048	\$445,452
WILES, STEPHANIE L	Johnson Art Museum	NYS (NYSICA)	GENERAL SUPPORT FOR THE HERBERT F. JOHNSON MUSEUM OF ART	83013	\$56,000
WILSON, JUSTIN J.	Chemistry and Chemical Biology	WCM	TRIFUNCTIONAL SMALL-MOLECULE CONSTRUCTS FOR TARGETING METASTATIC PROSTATE CANCER	86070	\$25,000
WOLFORD, WENDY W	Atkinson Center for a Sustainable Future	OXFAM AMERICA	NATURAL GAS FOR DEVELOPMENT? UNDERSTANDING THE OPPORTUNITIES AND CHALLENGES FOR GAS IN A CONTEXT OF CLIMATE CHANGE	86383	\$20,000
WOROBO, RANDY W	CALS Food Science	MAKANA	PROCESSING METHODS TO PRODUCE ALCOHOL STABLE KOMBUCHA	86303	\$70,311