

Cornell University, Office of Sponsored Programs
Awards Received in January 2017

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	DAIRY RES INST	ANNATTO-FREE CHEDDAR CHEESE WHEY	80252	\$182,128
ABBASPOURRAD, ALIREZA	CALS Food Science	SMUCKERS	NATURAL COLORANT PROTECTION/PRESERVATION IN LOW SUGAR FRUITS SPREADS	82190	\$149,373
ABRUNA, HECTOR D	Chemistry and Chemical Biology	LIONANO, INC.	HIGH ENERGY DENSITY MATERIALS FOR PROJECTILE LI-ION BATTERY: PHASE 2	78547	\$176,888
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	MOUNT SINAI	TENDON-DEPENDENT CONTROL OF LONGITUDINAL BONE GROWTH	80868	\$38,004
BABCOCK, SANDRA L	Law School Research	SWISS FDFA	DEATH PENALTY WORLDWIDE - INNOCENCE PROJECT	78424	\$22,753
BARRETT, CHRISTOPHER	CALS AEM	IFPRI	IFPRI/PIM LINKAGE FUNDING	79382	\$60,000
BEAN, RACHEL E	Center Astrophysics-Planetary Science	NASA (JPL)	CONSTRAINING DARK ENERGY AND MODIFIED GRAVITY WITH EUCLID	82403	\$92,133
BISCHOFF, KENDRA	Sociology	NAEDUC	THE CHANGING RELATIONSHIP BETWEEN SCHOOLS AND LOCAL COMMUNITIES: NEIGHBORHOOD INEQUALITY, SCHOOL CHOICE, AND GENTRIFICATION	80672	\$70,000
BJORKMAN, THOMAS N	CALS School of Integrative Plant Science	SEMINIS	TESTING BROCCOLI BREEDING LINES IN REGIONAL TRIALS	82606	\$9,600
BOESCH, JORDYN M	Clinical Sciences	A AND C LABS	ORAL CANNABIDIOL AND TREATMENT OF CHRONIC OSTEOARTHRITIS PAIN IN DOGS	82272	\$48,863
BONASSAR, LAWRENCE	Biomedical Engineering	FIDIA FARMACEUTICI	CHARACTERIZING LUBRICATING PROPERTIES OF INJECTABLE HYALURONIC ACID FORMULATIONS	82171	\$179,000
BRENNA, J THOMAS	Nutritional Sciences	PCC	NOVEL LOW TEMPERATURE CATALYTIC COMBUSTION REACTOR FOR FAST GAS CHROMATOGRAPHY COMBUSTION ISOTOPE RATIO MASS SPECTROMETRY.	81914	\$75,000
BUHRMAN, ROBERT A	Applied & Engineering Physics	WD TECHNOLOGIES	SPIN ORBIT TORQUE (SOT) SWITCHING	81152	\$98,000
CARROLL, JULIET E	CALS Integrated Pest Management	NYS (AGMRKT)	NEW YORK STATE SMALL FRUIT COOPERATIVE AGRICULTURAL PEST SURVEY (2016)	81121	\$31,000
CARROLL, JULIET E	CALS Integrated Pest Management	NYS (AGMRKT)	NEW YORK STATE ORCHARD COOPERATIVE AGRICULTURAL PEST SURVEY (2016)	81127	\$45,362
CHANG, YUNG-FU	Population Medicine & Diagnostic Science	ZOETIS	EXPOSURE OF HORSES TO LEPTOSPIRA INTERROGANS SEROVARS BRATISLAVA, ASSESSMENT OF POST EXPOSURE PARAMETERS, COLONIZATION OF TISSUES AND EVALUATION OF POST CHALLENGE PATHOLOGY	80490	\$187,419
CHANG, YUNG-FU	Population Medicine & Diagnostic Science	WCM	ANTI-FUSOBACTERIUM NUCLEATUM VACCINE FOR COLORECTAL CANCER	80898	\$343,322
COFFMAN, W. RONNIE	CALS International Programs	IIE	HUBERT HUMPHREY FELLOWS 2016-2017	80223	\$269,562
COFFMAN, W. RONNIE	CALS International Programs	GATES FDN	DELIVERING GENETIC GAIN IN WHEAT (DGGW)	77406	\$10,565,728
COSLEY, DANIEL R	Information Science	NSF	IPA ASSIGNEE TO NSF, PROGRAM DIRECTOR FOR CISE/IIS	82306	\$182,791
DAVIS, J. C. SEAMUS	Lab. of Atomic & Solid State Physics	BROOKHAVEN	MANUFACTURING NEW BECU SPRING	82451	\$1,731
DE JONG, WALTER	CALS School of Integrative Plant Science	U OF MAINE	POTATO BREEDING AND VARIETY DEVELOPMENT FOR IMPROVED QUALITY AND PEST RESISTANCE IN THE EASTERN UNITED STATES	82086	\$70,455
DIVERS, THOMAS J	Clinical Sciences	GLA	BORRELIA BURGSDORFERI SEROPREVALENCE STUDY IN ADULT BEEF CATTLE HOUSED IN A LYME ENDEMIC AREA	82260	\$5,361
FERRARI, SILVIA	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	CONVOLUTIONAL-FEATURE ANALYSIS AND CONTROL FOR MOBILE VISUAL SCENE PERCEPTION	80150	\$1,710,383

FITZPATRICK, JOHN	CALS Lab of O - Administration	PACKARD FDN	MODELING SEASONAL DISTRIBUTION AND HABITAT USE OF MIGRATORY SHOREBIRDS ALONG THE PACIFIC COASTS OF NORTH, MIDDLE AND SOUTH AMERICA	81461	\$233,000
FORTIER, LISA	Clinical Sciences	WCM	THERAPEUTIC TARGETING OF MITOCHONDRIA TO PREVENT OSTEOARTHRITIS	75829	\$50,000
FROMME, CHRIS	Weill Institute	DHHS (NIH-NIH NIGMS)	REGULATION OF ARF GTPASE ACTIVATION AT THE GOLGI COMPLEX	79477	\$1,242,556
GADOURY, DAVID M	CALS School of Integrative Plant Science	U OF FLORIDA	STRATEGIC MANAGEMENT OF MULTIPLE DISEASES IN STRAWBERRY NURSERIES & PRODUCTION FIELDS IN THE EASTERN US	73903	\$418,678
GAO, HUAIZHU	Civil & Environmental Engineering	US DOT	CENTER FOR TRANSPORTATION, ENVIRON, AND COMMUNITY HEALTH (CTECH)	79841	\$1,402,200
GIANNELIS, EMMANUEL P	Materials Science Engineering	LYNNTECH	ENHANCED NON-FOULING MEMBRANES FOR WATER PURIFICATION AND RECYCLING	81841	\$140,822
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	MENTAL HYGIENE	PROMOTE READINESS OF MINORS IN SUPPLEMENT SECURITY INCOME (PROMISE)	71326	\$410,772
GOMEZ, MIGUEL	CALS AEM	TUFTS U	OVERCOMING SUPPLY CHAIN BARRIERS TO EXPANDING NORTHEAST RUMINANT MEAT PRODUCTION	76584	\$186,703
GORE, MICHAEL A	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	DEVELOPING PREDICTION MODELS FOR GRAIN CAROTENOID AND TOCOCROMANOL LEVELS THROUGH THE U.S. MAIZE NAM PANEL, AND TESTING GENOMIC ASSOCIATIONS UNDER COMBINED DROUGHT AND HEAT STRESS IN ZIMBABWE	79464	\$94,716
HADAD, ROBERT G	CALS Cornell Cooperative Extension	U OF VERMONT	THE IN-BETWEEN: PRECOOLING AND CURING FRUITS & VEGETABLES FOR IMPROVED QUALITY AND PROFIT	78164	\$44,405
HARRINGTON, LAURA C	CALS Entomology	HARVARD U	TARGETING STEROID HORMONE SIGNALING IN ANOPHELES MOSQUITOES FOR MALARIA CONTROL	77151	\$59,790
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NASA (NSSC)	DEVELOPMENT OF IN-SITU CHEMICAL ANALYSIS METHODS FOR ANALYZING THE COMPOSITION OF TITAN'S LAKES	79144	\$30,000
HELFENSTEIN, PAUL	Center Astrophysics-Planetary Science	NASA (NSSC)	GEOLOGICAL EVOLUTION OF ENCELADUS	79781	\$162,721
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	BROOKHAVEN	CORNELL-BROOKHAVEN ERL TEST ACCELERATOR (CBETA)	82010	\$1,000,000
HOWARTH, ROBERT W	CALS Ecology & Evolutionary Biology	Park	THE METHANE PROJECT: HOW SHALE GAS IS AGGRAVATING GLOBAL CHANGE	81156	\$130,000
INIGO-ELIAS, EDUARDO E	CALS Lab of O - Programs	FMCN	SEABIRD RESTORATION IN BAJA CALIFORNIA PACIFIC ISLANDS, MEXICO	65571	\$91,799
JOHNSON, PATRICIA A	CALS Animal Science	USDA (USDA-NIFA)	SUSTAINABLE ANIMAL AGRICULTURE FOR 2050	79697	\$281,475
KENNEY, ANNE R	Library Materials	NYS (NYSEDUC)	COORDINATED COLLECTION DEVELOPMENT AID 2016/2017	81700	\$12,517
KENNEY, ANNE R	Library Materials	NYS (NYSEDUC)	COORDINATED COLLECTION DEVELOPMENT AID 2016/2017	81701	\$20,371
KNEPPER, ROSS	Computer Science	DOD (AF-AFOSR)	ENABLING ROBUST PERSISTENT AUTONOMY IN ROBOTS	79994	\$360,000
LINDAU, MANFRED	Applied & Engineering Physics	DHHS (NIH-NIH NIGMS)	MECHANISMS OF VESICLE FUSION AND TRANSMITTER RELEASE	79201	\$1,288,000
MACY, MICHAEL	Sociology	VIRGINIA TECH	MONTAGE: CAPTURING COLLECTIVE BEHAVIOR WITH MODELING AND EXPERIMENTATION	81046	\$90,383
MADSEN, EUGENE L	CALS Microbiology	NEUCHATEL	NEW TOOLS FOR REMEDIATION PERFORMANCE ASSESSMENT OF PETROLEUM HYDROCARBON CONTAMINATED SITES	61983	\$12,500
MAZOUREK, MICHAEL	CALS School of Integrative Plant Science	CLIF BAR FOUND	SEED MATTERS GRADUATE FELLOWSHIP - LAUREN BRZOZOWSKI	81314	\$120,000
MCART, SCOTT	CALS Entomology	NYS (AGMRKT)	NEW YORK STATE POLLINATOR PROTECTION PLAN: ASSESSING THE IMPORTANCE OF PESTICIDES, PATHOGENS AND MANAGEMENT PRACTICES	80994	\$300,000

MILLER, DENNIS D	CALS Food Science	USDA (ARS)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80570	\$37,016
NICHOLSON, SEAN	Policy Analysis and Management	WCM	THE MEDICAID FEE BUMP: INCREASED REIMBURSEMENTS TO PRIMARY CARE PROVIDERS AND HEALTH CARE UTILIZATION AMONG DUAL-ELIGIBLES WITH CHRONIC CONDITIONS	79828	\$29,091
OPHER, CHRISTOPHER K	Materials Science Engineering	DOD (AF-AFOSR)	POLYMER-GRAFTED NANOPARTICLES (PGN) AND PGN ARRAYS WITH TAILORED CANOPY INTERACTIONS	80317	\$455,000
OPHIR, ALEXANDER	Psychology	DHHS (NIH)	IMPACT OF EARLY LIFE FAMILY STRUCTURE ON BEHAVIOR, NONAPEPTIDE SYSTEMS, AND THE EPIGENOME OF OFFSPRING AND MOTHERS	72279	\$711
PECK, MASON	Mechanical & Aerospace Engineering	NASA (JPL)	MAGNETIC FLUX PINNING FOR ORBITING SAMPLE CULTURE	82377	\$37,500
PERALTA VASCO, SANTIAGO P	Clinical Sciences	U OF CAL (UC DAVIS)	A MULTICENTER CLINICAL TRIAL USING AUTOLOGOUS ADIPOSE-DERIVED MESENCHYMAL STEM CELL THERAPY FOR CATS WITH CHRONIC, NON-RESPONSIVE GINGIVOSTOMATITIS	77520	\$5,656
PRITCHARD, MATTHEW	Earth & Atmospheric Sciences	US INTERIOR	OPTIMIZING SATELLITE RESOURCES FOR THE GLOBAL ASSESSMENT AND MITIGATION OF VOLCANIC HAZARDS	82093	\$70,000
RUSINEK, TERESA	CALS Cornell Cooperative Extension	NOFA-NY	BEST MANAGEMENT PRACTICES FOR	82042	\$4,920
SAGHA ZADEH, RANA S	Design and Environmental Analysis	WCM	LONG TERM PROFITABLE HIGH TUNNEL SOIL FERTILITY AND HEALTH	81399	\$10,000
SANDERSON, JOHN P	CALS Entomology	NY FARM VIABILITY INST	PRIME SLEEP AUTOMATED PATIENT EVALUATION AND MONITORING SYSTEM, PHASE II: OPTIMIZATION OF SYSTEMS AND SUBSYSTEMS FOR FEASIBILITY AND AFFORDABILITY	78532	\$105,069
SAVRANSKY, DMITRY	Mechanical & Aerospace Engineering	NASA (JPL)	INSECT-KILLING NEMATODES FOR BIOCONTROL OF GREENHOUSE THRIPS AND FUNGUS GNATS	79869	\$20,000
SCHAFFER, CHRIS	Biomedical Engineering	NYS (NYS HEALTH)	FORMULATION OF A ZODIACAL LIGHT IMAGING MISSION	79792	\$350,876
SCHIMENTI, JOHN C	Biomedical Sciences	DHHS (NIH-NIH NICHD)	IMAGING NEURAL ACTIVITY IN THE SPINAL CORD OF AWAKE MICE AFTER SPINAL CORD INJURY	79670	\$1,253,244
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (ESD)	GENDER BIAS IN MAMMALIAN DNA REPLICATION DURING DEVELOPMENT	79670	\$1,253,244
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (DED NYS)	ITHACA INCUBATOR	71341	\$1,000,000
SCOTT, ROBERT	Cornell Prison Education Program	MELLON	REV: ITHACA STARTUP WORKS - REV: HARDWARE INCUBATOR	77508	\$375,000
SHVETS, GENNADY	Applied & Engineering Physics	DOD (NAVY-ONR)	ESTABLISHING A STATE-WIDE COLLEGE-IN-PRISON NETWORK IN NEW YORK	82304	\$135,000
SKINNER, LARA R	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	INFRARED OPTICAL METASURFACES IN THE NONLINEAR, ULTRA-FAST, AND QUANTUM REGIMES	81596	\$449,680
SQUYRES, STEVEN W	Center Astrophysics-Planetary Science	NASA (JPL)	WORKER INSTITUTE GENERAL SUPPORT	80001	\$400,000
STEENHUIS, TAMMO S	CALS Biological & Environmental Engr	USDA (ARS)	PROFESSOR STEVE SQUYRES - PHASE E - EXTENDED MISSION, FY 2016	77301	\$200,000
STOVER, PATRICK J	Nutritional Sciences	DHHS (NIH-NIH NICHD)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80784	\$14,728
STRICHARTZ, ROBERT S	Mathematics	NSF	GENE-NUTRIENT INTERACTIONS IN NEURAL TUBE DEFECTS	70992	\$127,929
TESTER, JEFFERSON	Chemical & Biomolecular Engineering	HTR	CORNELL 6TH CONFERENCE ON ANALYSIS. PROBABILITY AND MATHEMATICAL PHYSICS ON FRACTALS	81445	\$30,000
TESTER, JEFFERSON	Chemical & Biomolecular Engineering	INL	ACTIVE ENERGY STORAGE	82404	\$10,000
VENGALATTORE, MUKUND	Lab. of Atomic & Solid State Physics	U OF CHICAGO	RECOVERY OF RARE EARTH ELEMENTS FROM SUPERCRITICAL SOLUTION	82444	\$57,106
WAGNER, BETTINA	Population Medicine & Diagnostic Science	USIHC	FUNDAMENTAL ISSUES IN NON-EQUILIBRIUM PHYSICS	69332	\$7,052
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	EPA	NORMAL BLOOD VALUES OF ICELANDIC HORSES	79679	\$1,464
			HIGH RATE SEDIMENTATION TANK FOR HYDRAULIC WATER TREATMENT	78701	\$14,999

WELLS, NANCY M	Design and Environmental Analysis	WCM	NATURE AS AN INTERVENTION FOR OLDER ADULTS WITH CHRONIC PAIN	76725	\$23,250
WHITTAKER, GARY	Microbiology and Immunology	WINN FDN	STRUCTURE-BASED DESIGN OF A NOVEL SUBUNIT IMMUNOGEN FOR DEVELOPMENT AS A FELINE INFECTIOUS PERITONITIS (FIP) VACCINE	80952	\$30,273
WIEDMANN, MARTIN	CALS Food Science	DAIRY RES INST	EVALUATION OF VARIATION IN SPORE COUNT METHODS AND DETERMINATION OF OPTIMAL PARAMETERS FOR STANDARDIZATION OF MILK POWDER SPORE TESTING	80255	\$96,883
WIEDMANN, MARTIN	CALS Food Science	NYS (AGMRKT)	DEVELOPMENT OF LISTERIA CONTROL STRATEGIES FOR SPECIALTY CROP PROCESSING FACILITIES	78805	\$684,115
WOLFNER, MARIANA F XING, H GRACE	Molecular Biology and Genetics Electrical & Computer Engineering	HUGHES MED INST DOD (AF-AFOSR)	2015 GILLIAM FELLOWSHIP FOR ADVANCED STUDY LIGHT-MASS-ATOM SEMICONDUCTOR MATERIALS AND DEVICES	82383 78693	\$43,000 \$1,250,000
XU, KENONG	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	ELUCIDATING THE GENETIC AND MOLECULAR MECHANISMS OF APPLE FRUIT ACIDITY	70007	\$250,000
YORK CORNWELL, ERIN	Sociology	NORC	ACTIVITY SPACE AND SOCIAL NETWORKS IN LATER LIFE: DYNAMICS OF CHANGING HEALTH	79219	\$114,936
YU, HAIYUAN	Weill Institute	WCM	WHOLE GENOME SEQUENCING TO DISCOVER FAMILIAL MYELOMA RISK GENES	81976	\$46,843