

Cornell University, Office of Sponsored Programs
Awards Received in December 2016

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	SMUCKERS	ENCAPSULATION OF NATURAL COLORANTS FOR RTS FROSTING COLORIFICATION!	81896	\$159,103
AGNELLO, ARTHUR M	CALS Entomology	DOW AGRO	DOW AGROSCIENCES PRODUCT TESTING PROTOCOL FOR APPLE INSECT MANAGEMENT	78235	\$3,500
ALCAINE, SAMUEL D	CALS Food Science	USDA (USDA-NIFA)	GENETIC MODIFICATION OF T7 BACTERIOPHAGE FOR THE RAPID, ELECTROCHEMICAL AND BROAD HOST RANGE DETECTION OF E. COLI IN AGRICULTURAL WATER	79684	\$22,198
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	MT SINAI HOSP	MECHANISMS OF TGFβ AND SMAD SIGNALING IN TENDON REGENERATION AND FIBROSIS	80207	\$47,144
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	MT SINAI HOSP	MECHANISMS OF TGFβ AND SMAD SIGNALING IN TENDON REGENERATION AND FIBROSIS	80207	\$11,786
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	DHHS (NIH)	EFFECT OF TENDON DAMAGE ACCUMULATION ON HEALING AND ADAPTATION	79432	\$779
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	ZOETIS	PILOT STUDY: TO EVALUATE THE EFFECT OF GMP PRODUCED RIL-8 ON LIVER FUNCTION, NEGATIVE ENERGY BALANCE, MAMMARY GLAND FUNCTION, FEED CONVERSION, & PRODUCTIVITY OF HIGH PRODUCING DAIRY COWS	81888	\$407,047
BOISCLAIR, YVES R	CALS Animal Science	ELANCO	ANALYZING ADIPONECTIN IN BOVINE SERUM	82123	\$7,500
CASSANO, PATRICIA A	Nutritional Sciences	RTI INTERNATIONAL	NUTRITIONAL GENOMICS OF PULMONARY FUNCTION	72790	\$23,591
CHATTERJEE, SHAMIBRATA	Center Astrophysics-Planetary Science	NRAO	A NANOGRAV STUDY OF GRAVITATIONAL WAVE ASTRONOMY WITH THE NGVLA	81401	\$24,482
CRAIGHEAD, HAROLD G	Applied & Engineering Physics	HESPEROS	ADVANCED HUMAN ON A CHIP SYSTEMS FOR DRUG DISCOVERY	76556	\$381,871
DESJARDINS, OLIVIER	Mechanical & Aerospace Engineering	TAITECH	NUMERICAL STUDY OF LIQUID JET ATOMIZATION IN SUPERSONIC CROSSFLOWS	80857	\$150,000
DIVERS, THOMAS J	Clinical Sciences	BI CORP (BIVI)	TRANSMISSION OF NEWLY DISCOVERED EQUINE HEPATITIS-ASSOCIATED VIRUSES OF HORSES	81275	\$15,000
ESCOBEDO, FERNANDO E	Chemical & Biomolecular Engineering	NSF	CDS&E: TOWARD A PATTERN RECOGNITION FRAMEWORK TO IDENTIFY REACTION COORDINATES FOR ORDER-DISORDER TRANSITIONS: APPLICATION TO BLOCK COPOLYMERS	78265	\$300,000
HINES, MELISSA A	Cornell Center for Materials Research	NSF (NSF ENG)	CORNELL CENTER FOR MATERIALS RESEARCH - MRSEC	63016	\$152,864
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	BROOKHAVEN	ERHIC R&D	77334	\$93,000
HYSELL, DAVID L	Earth & Atmospheric Sciences	NSF	COLLABORATIVE RESEARCH: COMBINING HEATING AND RADIO DIAGNOSTICS ON NATURAL AERONOMY	79159	\$75,000
HYSELL, DAVID L	Earth & Atmospheric Sciences	DARTMOUTH	IONOSPHERIC STRUCTURING: IN SITU AND GROUND BASED LOW ALTITUDE STUDIES (ISINGLASS)	71310	\$25,000
KLIMASZEWSKI, CATHY	Johnson Art Museum	SYRACUSE U	CNY MUSEUMS AND COLLECTIONS COLLABORATIVE: VAC 6	82220	\$1,500
KOZEN, DEXTER C	Computer Science	CARNEGIE-MELLON	SECURITY REASONING FOR DISTRIBUTED SYSTEMS WITH UNCERTAINTIES	72062	\$47
LEVINE, ADAM S.	Government	SLOAN	EXPERIMENTS IN THE PUBLIC INTEREST	81720	\$19,967
LEVY, KAREN	Information Science	BRCHR D FDN	A SOCIOLEGAL ANALYSIS OF U.S. STATE LAWS REGULATING RESIDENT-ROOM CAMERAS IN NURSING HOME AND ASSISTED LIVING COMMUNITIES	81572	\$20,000
LIFKA, DAVID	Center for Advanced Computing	NSF	ENABLING, ENHANCING, AND EXTENDING PETASCALE COMPUTING FOR SCIENCE & ENGINEERING	81024	\$376,714

LIN, DAVID	Biomedical Sciences	DHHS (NIH-NIH NIDCD)	PROTODADHERINS IN VERTEBRATE SELF RECOGNITION	79608	\$411,712
LOHMAN, ROWENA	Earth & Atmospheric Sciences	USC	IMPACT OF ATMOSPHERIC MODELS IN SOUTHERN CALIFORNIA	78611	\$24,000
LUCKS, JULIUS	Chemical & Biomolecular Engineering	NORTHWESTERN U	ON INSAR CONTRIBUTION TO THE CGM		
LUJAN, MARLA E	CALS Nutritional Sciences	WCM	CAREER: UNCOVERING QUANTITATIVE DESIGN PRINCIPLES OF RNA REGULATORS FOR SYNTHETIC BIOLOGY	80335	\$22,325
MANNE, KATE A	Philosophy	SYRACUSE U	3D ULTRASONOGRAPHY FOR THE EVALUATION OF ANOVULATORY DISORDERS IN LEAN AND OVERWEIGHT WOMEN	77371	\$40,200
MANSFIELD, ANNA K	CALS Food Science	NY WINE/GRAPE	CNY ETHICS READING GROUP: PHI 9	82133	\$1,250
MARTINEZ, JOSE	Electrical & Computer Engineering	CAVM	OPTIMIZING RED HYBRID WINE QUALITY: THE IMPACT OF PRE-FERMENTATION PROTEIN FINING ON TANNIN RETENTION	79975	\$52,086
MCART, JESSICA A	Population Medicine & Diagnostic Science	BI CORP (BIVI)	CAVIUM-CORNELL RESEARCH COLLABORATION SPRING 2017	81704	\$35,000
MILSTEIN, MARK BRUCE	Center for Sustainable Global Enterprise	ROCKEFELLER	EPIDEMIOLOGY OF HYPOCALCEMIA IN DAIRY CATTLE	81613	\$3,795
MORARU, CARMEN I	CALS Food Science	DAIRY RES INST	ADDRESSING FOOD WASTE & LOSS THROUGH BUSINESS INNOVATION	80920	\$282,152
MOSELEY, ROGER S	Music	SYRACUSE U	USE OF FORWARD OSMOSIS (FO) AS A NON-THERMAL METHOD OF CONCENTRATION FOR THE MANUFACTURE OF HIGH QUALITY MILK CONCENTRATES AND POWDERS	80253	\$143,854
MURRAY, SARAH E	Linguistics	SYRACUSE U	TEACHING EXCHANGE: MMH 17	82129	\$400
NISSENBAUM, HELEN	Tech Research	U OF CAL (UC BERKELEY)	INTERDISCIPLINARY APPROACHES TO DISCOURSE: LIN 6	81255	\$2,500
NUGEN, SAM R	CALS Food Science	CROSSTEX	INSPIRE: VALUE-FUNCTION HANDOFFS IN HUMAN-MACHINE COMPOSITIONS THAT ARE UNDER DESIGN FOR THE INTERNET OF THINGS	80557	\$485,800
NUGEN, SAM R	CALS Food Science	USDA (USDA-NIFA)	STUDY DESIGN TO EVALUATE THE POSSIBILITY OF USING AN ELECTROCHEMICAL DETECTION APPROACH IN THE ENVISIONED BI	81059	\$40,000
O'ROURKE, THOMAS D	Civil & Environmental Engineering	IPEX	ENGINEERING BACTERIOPHAGE FOR THE ULTRA SENSITIVE DETECTION OF FOOD BORNE AND ANIMAL PATHOGENS	80773	\$79,000
PARPIA, JEEVAK N	Lab. of Atomic & Solid State Physics	NSF	PERFORMANCE EVALUATION OF BIONAX SR PIPE WITH EXTENDED BELL JOINTS UNDER EARTHQUAKE-INDUCED GROUND DEFORMATION: EVALUATION OF SOIL AXIAL RESISTANCE OF BIONAX SR PIPE WITH EXTENDED BELL JOINTS	78798	\$40,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA (JPL)	NEW SUPERFLUID STATES OF 3HE IN COHERENCE LENGTH SCALE NANOFABRICATED GEOMETRIES	66011	\$80,000
PERELSTEIN, MAXIM	Cornell Lab Accelerator Sciences & Ed	JOHNS HOPKINS UNIV	ATTITUDE DYNAMICS AND CONTROL FOR ELECTROLYSIS PROPULSION FOR INTERPLANETARY SMALLSATS	82041	\$20,000
PRITCHARD, MATTHEW	Earth & Atmospheric Sciences	NASA (JPL)	LHC THEORY INITIATIVE	78646	\$150,000
PRYOR, SARA C	CALS Earth and Atmospheric Science	IOWA STATE U	IMPROVING VOLCANO ERUPTION FORECASTS WITH SATELLITE-DERIVED TOPOGRAPHIC MAPS AND PHYSICS-BASED MODELS	79846	\$20,200
REEVES, ANTHONY P	Electrical & Computer Engineering	MOUNT SINAI	A HIERARCHICAL EVALUATION FRAMEWORK FOR ASSESSING CLIMATE SIMULATIONS RELEVANT TO THE ENERGY-WATER-LAND NEXUS	79740	\$1,095,788
RICHARDS, ANNETTE	Music	SYRACUSE U	FAMRI-HELICAP COLLABORATIVE NETWORK, PILOT PROJECT	70048	\$25,000
RIECHERS, DOMINIK A	Center Astrophysics-Planetary Science	NRAO	IMPROVISATION IN THEORY AND PRACTICE: MMH 18	81948	\$1,500
RILEY, TIMOTHY R	Mathematics	NSF (NSF MPS)	NRAO STUDENT OBSERVING AWARD TO DAISY LEUNG: RISE OF THE TITANS: IDENTIFYING HYPER-LUMINOUS STARBURSTS BACK TO THE FIRST BILLION YEARS	81118	\$35,000
			YOUNG GEOMETRIC GROUP THEORY VI	81194	\$24,405

RISTENPART, THOMAS	Tech Research	U OF WISCONSIN SYS	TWC: FRONTIER: COLLABORATIVE: RE-THINKING SECURITY IN THE ERA OF CLOUD COMPUTING	78952	\$553,935
SAWADA SIMOES COSTA, MARCOS	CALS Molecular Biology & Genetics	DHHS (NIH-NIH NIDR)	INTEGRATING SIGNALING AND TRANSCRIPTIONAL CONTROL IN NEURAL CREST SPECIFICATION	81498	\$746,999
SCHOEFFLER, GRETCHEN L.	Clinical Sciences	AVMA	CORNELL FACULTY PROFESSIONAL DEVELOPMENT AND LEADERSHIP PROGRAM WORKSHOP	82217	\$600
SEAMAN, ABBY J	CALS Integrated Pest Management	NYS (AGMRKT)	2016 NEW YORK STATE TOMATO COOPERATIVE AGRICULTURAL PEST SURVEY	80835	\$49,465
SEAMAN, ABBY J	CALS Integrated Pest Management	NYS (AGMRKT)	TOMATO SURVEY IPM	80812	\$12,000
SMITH EINARSON, MARGARET E	CALS International Programs	SYNGENTA INTRNL (SYNGENTA CP)	SYNGENTA-CORNELL AGRONOMY ACADEMY	78043	\$54,000
STROOCK, ABRAHAM D	Chemical & Biomolecular Engineering	USDA (USDA-NIFA)	PAPM EAGER: HIGH-THROUGHPUT PHENOTYPING FOR EFFECTIVE WATER USE WITH AQUADUST SENSORS	80397	\$262,000
STROOCK, ABRAHAM D	Chemical & Biomolecular Engineering	USDA (USDA-NIFA)	MICROTENSIO METER FOR MONITORING AND MANAGING WATER STRESS IN AGRICULTURAL CROPS	81111	\$50,000
SULLIVAN, ROBERT J	Center Astrophysics-Planetary Science	MALIN SPACE SCI	MSL MASTCAM/MAHLI SCIENCE TEAM PARTICIPANTS - SULLIVAN	56487	\$307,939
TAYLOR, ALAN G	CALS School of Integrative Plant Science	NYS (AGMRKT)	GENEVA EXPERIMENT STATION SEED PROGRAM	80368	\$96,000
TONITTO, CHRISTINA	CALS International Programs	ENVDFUND	IMPROVING THE SCIENTIFIC FOUNDATION FOR GREENING THE FOOD SUPPLY CHAIN	77286	\$151,600
TRAVIS, ALEXANDER J	Baker Institute for Animal Health	DHHS (NIH-NIH NICHD)	GENERATING TRANSGENIC MICE WITH GENETICALLY ENCODED CALCIUM SENSORS EXPRESSED IN SPERM.	79357	\$77,500
TUCKER, TERRY	CALS School of Integrative Plant Science	NYS (AGMRKT)	ASSOCIATION OF AGRICULTURAL EDUCATORS	77208	\$66,000
VILHUBER, LARS	Industrial & Labor Relations Ext Orgs	DEPT COMMERCE (US CENSUS)	INTERAGENCY PERSONNEL ACT (IPA) CONTRACT FOR LARS VILHUBER TO U.S. CENSUS BUREAU 2016-2017	80555	\$146,258
WANG, YI	Biomedical Engineering	WCM	CLINICAL SUMMER IMMERSION FOR BIOMEDICAL ENGINEERING PHD STUDENTS	82211	\$97,103
WEATHERSPOON, HAKIM	Computer Science	HARRISCORP	FPGA CODE DEVELOPMENT BY CORNELL UNIVERSITY	81824	\$43,473
WHITMAN, JOHN B	Linguistics	AKS	KOREAN AT THE NEXUS OF THE NORTHEAST ASIAN LINGUISTIC AREA	80233	\$1,250,000
WIEDMANN, MARTIN	CALS Food Science	HEALTH RESEARCH	ELC FOODBORNE ILLNESS CENTERS OF EXCELLENCE	77671	\$103,283
WIEDMANN, MARTIN	CALS Food Science	CPS	REMOTELY-SENSED AND FIELD-COLLECTED HYDROLOGICAL, LANDSCAPE AND WEATHER DATA CAN PREDICT THE QUALITY OF SURFACE WATER USED FOR PRODUCE PRODUCTION	79554	\$354,148
WIESNER, ULRICH B	Materials Science Engineering	FLIR	DYNAMICALLY RESPONSIVE CB AGENT DEFENSE MATERIAL SYSTEMS	67735	\$100,000
WILSON, ANDREW GORDON	Operations Research & Information Engr	CARNEGIE-MELLON	MEDIUM: SCALABLE MACHINE LEARNING FOR AUTOMATING SCIENTIFIC DISCOVERY IN ASTROPHYSICS	81058	\$209,020
YU, HAIYUAN	Weill Institute	NSF	PLATE-SEQ: DEVELOPMENT AND OPTIMIZATION OF A NEW, MASSIVELY PARALLEL SEQUENCING TECHNOLOGY TO ENABLE THE CONSTRUCTION OF A FULLY-SEQUENCED SINGLE-COLONY RICE ORFEO ME	79605	\$295,598
ZHANG, KE MAX	Mechanical & Aerospace Engineering	NYS (NYSERDA)	IMPROVING THE PARAMETERIZATION OF BUILDING DOWNWASH EFFECT IN LOCAL AIR QUALITY MODELS	79823	\$189,863