

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

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ABBASPOURRAD, ALIREZA	CALS Food Science	PEPSICO	DELIVERY SYSTEMS DESIGN: IMPROVING MOUTHFEEL OF LOW CALORIE BEVERAGE	85063	\$119,621
ABRUNA, HECTOR D	Chemistry and Chemical Biology	MANCHESTER	12DMAT4ENERGY: STIMULI-RESPONSIVE TWO-DIMENSIONAL MATERIALS FOR RENEWABLE ENERGY- FELLOW: MATEJ VELICKY	83712	\$20,444
AGNELLO, ARTHUR M	CALS Entomology	ISK BIOSCIENCES	SPONSORED PRODUCT TESTING AGREEMENT	84133	\$4,000
AGNELLO, ARTHUR M	CALS Entomology	BAYER (BAYER CROPSCI)	SPONSORED PRODUCT TESTING AGREEMENT	83626	\$4,000
ALVISI, LORENZO	Computer Science	NSF	CSR: MEDIUM: SALT: COMBINING ACID AND BASE IN A DISTRIBUTED DATABASE.	83580	\$373,823
ALVISI, LORENZO	Computer Science	NSF	CSR: SMALL: CLIENT-CENTRIC CONSISTENCY	83585	\$400,000
AZENKOT, SHIRI	JTC Research	NSF	EAGER: COLLABORATIVE RESEARCH: SCIENCE: SYSTEMIC CULTIVATION OF INCLUSIVE EQUITABLE NURTURING CLASSROOM ECOLOGY	83843	\$211,001
BAPTIST, EDWARD E	Cornell Inst for Social & Econ Research	NEH	FREEDOM ON THE MOVE: ADVANCING A CROWDSOURCED, COMPREHENSIVE DATABASE OF NORTH AMERICAN RUNAWAY SLAVE ADVERTISEMENTS.	82412	\$324,581
BARBASH, DANIEL A	CALS Molecular Biology & Genetics	DHHS (NIH)	INVESTIGATING THE EVOLUTIONARY DYNAMICS AND GENETIC DETERMINANTS OF SATELLITE DNA	83327	\$116,232
BAROCAS, SOLON	Information Science		FAIRNESS, ACCOUNTABILITY, AND TRANSPARENCY IN MACHINE LEARNING	84134	\$166,714
BITTNER, TODD	CALS Cornell Botanic Gardens	NYS (NYS DEC)	INVASIVE SPECIES RAPID RESPONSE AND CONTROL	83137	\$68,723
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	EPA	LONG ISLAND SOUND STUDY (LISS) NEW YORK PUBLIC OUTREACH PROGRAM	70737	\$228,000
CAMPBELL, MARK	Mechanical & Aerospace Engineering	HUAWEI	ADVANCED TECHNOLOGIES FOR ROBOTICS	82954	\$1,223,741
CASTELHANO, MARTA G.	Clinical Sciences	COHA	IMPROVING TRANSLATIONAL RESOURCES - ENHANCING VISIBILITY AND INTER-COLLEGE COOPERATION FOR INCREASED BIOSPECIMEN USE FROM VETERINARY ACADEMIC BIOBANKS.	84069	\$14,946
CERIONE, RICHARD A	Molecular Medicine	DHHS (NIH-NIH NCI)	METABOLIC AND GENETIC HETEROGENEITY IN CANCER	82860	\$82,548

CIARAMELLA, MICHAEL	CALS Sea Grant	DEPT COMMERCE (NOAA)	SECURING THE FUTURE OF SEAFOOD THROUGH INDUSTRY AND EDUCATION: FISH TO DISH COLLABORATIVE INTERNSHIP PROGRAM	83390	\$103,593
COOK, LAWANDA H	Industrial & Labor Relations Ext Orgs	NYS DDPDC	TRANSIT RESEARCH & ACCESSIBILITY CENTER (TRAC)	81678	\$200,000
COX, KERIK D	CALS School of Integrative Plant Science	BAYER (BAYER CROPSCI)	SPONSORED PRODUCT TESTING AGREEMENT	84758	\$16,000
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	VIRGINIA TECH	ENHANCING BOXWOOD BLIGHT MITIGATION THROUGH INNOVATION, INTEGRATION, AND EDUCATION	84189	\$8,645
DE VLAMINCK, IWIJN DE	Biomedical Engineering	GATES FDN	CROSS CUTTING EVALUATION OF CELL FREE DNA	79957	\$66,301
ELVINGER, FRANCOIS	Animal Health Diagnostic Center	NYS (AGMRKT)	AVIAN INFLUENZA SURVEILLANCE TESTING (LPAI)	75568	\$161,700
ESTROFF, LARA A	Materials Science Engineering	TU DELFT	BIO-INSPIRED STRESS-RESPONSIVE CONCRETE	81093	\$40,840
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	WASHINGTON U STL	CONNECTING TRANSPOSABLE ELEMENTS AND REGULATORY INNOVATION USING ENCODE DATA	84244	\$382,139
FINKELSTEIN, JULIA L	Nutritional Sciences	DHHS (NIH)	DEVELOPMENT OF A POINT OF CARE MULTIPLEXED DIAGNOSTIC PLATFORM TO TARGET ANEMIA AND MICRONUTRIENT DEFICIENCIES	79086	\$227,021
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	\$74,693
FORTIER, LISA	Clinical Sciences	DHHS (NIH-NIH NIAMS)	MITOPROTECTIVE THERAPY FOR TREATMENT OF ANKLE PTOA	83005	\$1,784,164
FUCHS, MARC	CALS School of Integrative Plant Science	CALIFORNIA (CA FOOD AND AGR)	RESISTANCE TO GRAPEVINE LEAFROLL-ASSOCIATED VIRUS 3 AND THE GRAPE MEALYBUG	82661	\$359,474
GLAHN, RAYMOND P	CALS Food Science	PEPSICO	IN VITRO CACO-2 IRON BIOAVAILABILITY STUDY	85045	\$25,600
GOLDBERG, DAVID ALAN	Operations Research & Information Engr	NSF	CAREER: EMBRACING RANDOMNESS AND UNCERTAINTY IN INVENTORY PROBLEMS: ALGORITHMS AND INSIGHTS	84296	\$247,081
GOODMAN, LAURA B	Population Medicine & Diagnostic Science	THERMO FISHER	HIGH-THROUGHPUT TICK-BORNE DISEASE DETECTION BY NANOSCALE PCR	83779	\$25,000
GRANT, JENNIFER	CALS NYS Integrated Pest Management	NYS (AGMRKT)	INTEGRATED PEST MANAGEMENT PROGRAM FOR AGRICULTURE	83230	\$5,000,000
GRANT, JENNIFER	CALS NYS Integrated Pest Management	NYS (NYS PARKS & REC-NHT)	REDUCED RISK GOLF COURSE MANAGEMENT	83201	\$99,387
GRASSWITZ, TESSA	CALS Cornell Cooperative Extension	NYS (AGMRKT)	2017 SMALL FRUIT COMMODITY /CCE LAKE ONTARIO FRUIT SURVEY (NYS DAM PO # 5899)	84904	\$6,000

GRASSWITZ, TESSA	CALS Cornell Cooperative Extension	NYS (AGMRKT)	2017 ORCHARD COMMODITY SURVEY/FARM BILL - CCE LAKE ONTARIO FRUIT (NYS/DAM PO# 5830)	84564	\$7,000
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	MIT (LINCOLN LAB)	LINCOLN LABS - CORNELL GE SENSOR TEST	84719	\$147,276
GU, ZHENGLONG	Nutritional Sciences	DHHS (NIH)	EVOLUTION OF GENE REGULATION THROUGH OVERLAPPING REGULATORY MECHANISMS	81920	\$1,332,866
HALPERN-LEISTNER, DANIEL S	Mathematics	NSF	BEYOND GEOMETRIC INVARIANT THEORY	84779	\$123,332
HANSON, MAUREEN R	Office of the Vice Provost for Research	DHHS (NIH-NIH NINDS)	CORNELL ME/CFS COLLABORATIVE RESEARCH CENTER	83456	\$9,406,728
HOFFMAN, GUY	Mechanical & Aerospace Engineering	NSF	NRI: FND: COLLABORATIVE CONTROL FOR WEARABLE ROBOTS	82627	\$472,209
HUSON, HEATHER J	CALS Animal Science	NYS (AGMRKT)	CORNELL SHEEP PROGRAM (2017-2018)	83572	\$10,000
JOO, YONG L	Chemical & Biomolecular Engineering	DOE (EERE)	HIGHLY LOADED SULFUR CATHODE AND COATED SEPARATOR FOR HIGH RATE LI-SULFUR BATTERIES	82663	\$315,000
JOO, YONG L	Chemical & Biomolecular Engineering	DOE (EERE)	HIGHLY LOADED SULFUR CATHODE AND COATED SEPARATOR FOR HIGH RATE LI-SULFUR BATTERIES	82663	\$45,000
JUSTICE, DEBORAH RUTH	Music	MID ATLANT ARTS	JAZZ TOURING NETWORK: ALICIA OLATUJA	84954	\$2,880
KRISHNAMURTHY, VIKRAM	Tech Research	DOD (AF-AFOSR)	CONTROLLED RADAR SENSING AND META-LEVEL TRACKING	80899	\$353,434
KURPIOS, NATASZA	Molecular Medicine	DHHS (NIH-NIH OD)	THE GENOMIC MECHANISMS OF TRANSCRIPTION AND DISEASE: GENERATING MOUSE MODELS FOR LATERALITY DEFECTS USING CRISPR/CAS9 GENOME ENGINEERING AT THE PITX2 LOCUS	76528	\$468
LANCASTER, KYLE	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	POST-FIXATION NITROGEN CYCLE METALLOENZYMOLOGY	81664	\$1,693,354
LAUBER, BRUCE	CALS Natural Resources	MDOH	GREAT LAKES HEALTH COLLABORATION TO REDUCE TOXICS EXPOSURE	71311	\$48,001
LEHMANN, CHRISTOPHER J	CALS School of Integrative Plant Science	U OF VERMONT	MINERAL NITROGEN RECOVERY FROM MANURE SLURRY THROUGH MULTI-LAYER SORPTION OF NH3 AND CO2 ONTO PYROLYZED BIOMASS	83545	\$15,000
LINDER, MAURINE E.	Molecular Medicine	DHHS (NIH-NIH NINDS)	STRUCTURE AND MECHANISM OF DHHC PROTEIN ACYLTRANSFERASES	83080	\$434,470
LITVINSKY, FELIX	Center for Economic Advancement	BLACKSTONE	2017 BLACKSTONE LAUNCHPAD TECHSTARS TRAINING CAMP IN NEW YORK, NEW YORK	84728	\$1,900
LOEB, GREGORY M	CALS Entomology	BAYER (BAYER CROPSCI)	SPONSORED PRODUCT TESTING AGREEMENT	84757	\$4,000
LUCKS, JULIUS	Chemical & Biomolecular Engineering	NORTHWESTERN U	A NEW-HIGH THROUGHPUT TECHNOLOGY TO REVEAL THE DYNAMIC FUNCTIONAL STATES OF RNAS	80194	\$133,629

LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	CASSINI SOLSTICE MISSION: CREI	64969	\$166,005
MANNING, STURT	Classics	US INTERIOR	GEOLOGICAL SURVEY OF FOSSIL TRACKWAYS AND LAKE FORMATIONS IN WHITE SANDS, NEW MEXICO	83589	\$30,122
MARQUIS, HELENE	Microbiology and Immunology	U OF VERMONT	INSECT LARVAE PRODUCTION ON DAIRY COW MANURE: A POTENTIAL WINDFALL FOR DAIRY FARMERS AND SUSTAINABLE AQUACULTURE	83547	\$15,000
MARTIN FLORES, MANUEL	Clinical Sciences	ACVAA	EVALUATION OF ATIPAMEZOLE AS TREATMENT FOR DEXMEDETOMIDINE-INDUCED CARDIOVASCULAR DEPRESSION IN ANESTHETIZED CATS	84155	\$4,385
MCCARTHY, JOHN E.	Social Statistics	NEASSOC	COLLABORATION IN PUBLIC SCHOOLS	82786	\$48,750
MCCLEARY-WHEELER, ANGELA L	Clinical Sciences	MORRIS ANIMAL	THE USE OF A RECOMBINANT, ATTENUATED LISTERIA MONOCYTOGENES EXPRESSING A CHIMERIC HUMAN HER2/NEU PROTEIN TO PREVENT METASTATIC OSTEOSARCOMA (COTC026): CLINICAL TRIALS	84538	\$83,265
MCFADDEN, JOSEPH W.	CALS Animal Science	VETAGRO	RUMEN DEGRADABILITY, IN VITRO INTESTINAL DIGESTIBILITY, AND BIOAVAILABILITY STUDIES FOR VETAGRO	84767	\$57,979
MILLER, ANDREW D	Biomedical Sciences	AKC CHF	TRANSCRIPTOME BASED DIAGNOSTICS IN CANINE SOFT TISSUE SARCOMA	84279	\$14,880
MILLER, ANDREW T	Office of Academic Diversity Initiatives	US DEPT OF EDU	CORNELL UNIVERSITY MCNAIR PROGRAM	83280	\$1,161,325
NAULT, BRIAN A	CALS Entomology	FFAR	IDENTIFYING SHORT-TERM SOLUTIONS FOR MANAGING ALLIUM LEAFMINER IN ALLIUM CROPS	84364	\$65,000
NICHOLSON, PHILIP D	Center Astrophysics-Planetary Science	NASA (JPL)	FOR THE PARTICIPATION OF PHIL NICHOLSON IN CASSINI TWT ACTIVITIES	62029	\$234,579
NICHOLSON, PHILIP D	Center Astrophysics-Planetary Science	NASA (JPL)	FOR THE PARTICIPATION OF PHIL NICHOLSON IN CASSINI VIMS ACTIVITIES	62000	\$277,114
NUGEN, SAM R	CALS Food Science	GLOBALGOOD	ENGINEERING OF BACTERIOPHAGE FOR E.COLI DETECTION	84782	\$23,922
NYROP, JAN P	CALS Geneva AES Finance & Operating	NYS (ESD)	2017-2018 NEW YORK STATE CABBAGE RESEARCH AND DEVELOPMENT PROGRAM (CRDP GROWER FUNDS)	83167	\$33,796
NYROP, JAN P	CALS Geneva AES Finance & Operating	NYS (AGMRKT)	2017-18 APPLE RESEARCH & DEVELOPMENT PROGRAM (ARDP STATE FUNDING)	83472	\$500,000
OCHS, MARY A	Mann Library	WHO	SUPPORT FOR RESEARCH4LIFE CRM	85091	\$5,000
OVERTON, THOMAS R	CALS Animal Science	NYS (AGMRKT)	PRO DAIRY (2017-2018)	83254	\$1,200,000
PARRISH, COLIN R	Baker Institute for Animal Health	U OF CAL (UC SAN DIEGO)	SIALOGLYCAN-RECOGNIZING PROBES FOR DEFINING SIALOGLYCOMES IN BIOLOGICAL SYSTEMS	75309	\$41,954
PEPIOT, PERRINE	Mechanical & Aerospace Engineering	NTNU	GASPRO: GASIFICATION FOR BIOFUEL PRODUCTION	81202	\$12,508

PORCIELLO, JARON A	CALS International Programs	GATES FDN	LANCET4AG - EXPERT CONSENSUS ON THE HIGHEST IMPACT DONOR INTERVENTIONS IN AGRICULTURAL DEVELOPMENT	84312	\$604,027
POWERS, JANE	Bronfenbrenner Ctr forTranslational Rsch	HEALTH RESEARCH	PATHWAYS TO SUCCESS IN NYC	84552	\$213,862
PRITTS, MARVIN P	CALS School of Integrative Plant Science	U OF VERMONT	2017 NESARE NY OUTREACH PROGRAM: BASKETS TO PALLETS II: ESTABLISHING A NYS LEADERSHIP TEAM OF WHOLESALE MARKETING SPECIALISTS	83642	\$49,613
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	NYS (AGMRKT)	FARMER MUCK BOOT CAMPS (2017-2018)	84090	\$500,000
REESINK, HEIDI L.	Clinical Sciences	DHHS (NIH-NIH NIAMS)	GLYCANS IN JOINT DISEASE AND GLYCOSYLATED LUBRICIN MIMETICS FOR OSTEOARTHRITIS THERAPY	81940	\$1,022,170
REINERS, STEPHEN	CALS School of Integrative Plant Science	NYS (AGMRKT)	ASSOCIATION OF AGRICULTURAL EDUCATORS (2017-2018)	77208	\$416,000
RICHARDS, KRISTY	Biomedical Sciences	TUFTS U	ENHANCING THE EFFICACY OF IMMUNOTHERAPY IN DLBCL USING RATIONAL COMBINATION APPROACHES	83118	\$727,080
RISTENPART, THOMAS	Tech Research	U OF WISCONSIN SYS	TWC: FRONTIER: COLLABORATIVE: RE-THINKING SECURITY IN THE ERA OF CLOUD COMPUTING	78952	\$1
RODEWALD, AMANDA D	CALS Lab of O - Programs	PACKARD FDN	CORNELL LAB OF ORNITHOLOGY COASTAL SOLUTIONS FELLOWS	83673	\$400,000
RUBIN, DAVID L	Cornell Lab Accelerator Sciences & Ed	FERMILAB	TECHNICAL SUPPORT FOR THE IN-RING KICKERS FOR THE MUON G-2 EXPERIMENT (E989) AT FERMILAB	84436	\$95,396
RYAN, MATTHEW R	CALS School of Integrative Plant Science	U OF VERMONT	INCREASING THE PROFITABILITY OF KERNZA PERENNIAL WHEAT WITH INTERCROPPED GRAIN LEGUMES	83543	\$15,000
SCHRYVER, THOMAS SHEPHERD, ROBERT F	Center for Economic Advancement Mechanical & Aerospace Engineering	NYS (NYSERDA) OCULUS	76 WEST DIGITAL MASK PROJECTION STEREOLITHOGRAPHY FOR 3D PRINTING SILICONE ELASTOMERS	76942 82084	\$58,225 \$242,078
SIPPLE, JOHN W	CALS Development Sociology	NYS (NYSEDUC)	EAST RAMAPO CENTRAL SCHOOL DISTRICT MOU, 2017 - 2018	85266	\$38,000
SMART, CHRISTINE D	CALS School of Integrative Plant Science	NYS (AGMRKT)	OPTIMIZING INDUSTRIAL HEMP PRODUCTION IN NEW YORK (2017 - 2019)	83817	\$400,000
SMART, LAWRENCE B	CALS School of Integrative Plant Science	PENN STATE	OPTIMIZING NUTRIENT UPTAKE IN SHRUB WILLOW AND SWITCHGRASS TO PROVIDE MULTIPLE ECOSYSTEM SERVICES	79363	\$299,988
SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	USDA (USDA APHIS)	PHYTOPHTHORA RAMORUM PROGRAM DIAGNOSTICS FOR APHIS FUNDED TRACE SURVEY/REGULATORY INCIDENTS	84315	\$13,000
SOLECKI, SLAWOMIR	Mathematics	NSF	LOGIC AND COMBINATORIES AND TOPOLOGY	84778	\$256,388
SORRELLS, MARK E	CALS School of Integrative Plant Science	AM MALT BARLEY	BREEDING METHODS FOR RESISTANCE TO PRE-GERMINATION	82995	\$5,000
STAEHR, A. EDWARD	CALS AEM	NYS (AGMRKT)	FARM FAMILY ASSISTANCE	73042	\$800,000

STEENHUIS, TAMMO S	CALS Biological & Environmental Engr	U OF VERMONT	APPLICATION OF LIMESTONE-BED BIOREACTORS TO TREAT SILAGE LEACHATE	83557	\$14,957
STROOCK, ABRAHAM D	Chemical & Biomolecular Engineering	FLORAPULSE	WATER POTENTIAL PROBE FOR REAL-TIME, SPATIALLY RESOLVED MEASUREMENTS OF WATER POTENTIAL IN PRECISION AGRICULTURE: SBIR	82113	\$38,258
TROCHIM, WILLIAM M	Policy Analysis and Management	WCM	LINKED SPECIALIZED CENTER COOPERATIVE: CLINICAL AND TRANSLATIONAL SCIENCE CENTER (UL1)	81079	\$1,906,985
VAN DER MEULEN, MARJOLEIN C. H.	Biomedical Engineering	USAMRAA	MODULATING SUBCHONDRAL BONE PROPERTIES TO INHIBIT OA DEVELOPMENT	81657	\$1,583,675
VANDEN HEUVEL, JUSTINE E	CALS School of Integrative Plant Science	U OF VERMONT	USING PALISSAGE TO REDUCE DISEASE INCIDENCE AND FUNGICIDE USE IN WINEGRAPES	83518	\$14,993
VANDEN HEUVEL, JUSTINE E	CALS School of Integrative Plant Science	U OF VERMONT	UNDERVINE COVER CROPS TO REDUCE HERBICIDE USE AND MANAGEMENT COSTS IN NEW YORK STATE VINEYARDS	80457	\$87,983
VARGAS-MENDEZ, LEONARDO	SCL Academic Support	US DEPT OF EDU	CORNELL UNIVERSITY UPWARD BOUND	82101	\$6,756
WARDEN, MELISSA	CALS Neurobiology & Behavior	BBRF	BULKIN FELLOWSHIP	82876	\$70,000
WEISLOGEL, ANDREW	Johnson Art Museum	NEH	BUILDING A DECISION TREE FOR WATERMARK IDENTIFICATION IN REMBRANDT'S ETCHINGS - THE WIRE PROJECT	82323	\$74,994
WIEDMANN, MARTIN	CALS Food Science	BIOMERIEUX	DEVELOPMENT OF DNA SEQUENCING-BASED APPROACHES TO CHARACTERIZE AND IDENTIFY SPOILAGE ORGANISMS UTILIZING BIONUMERICS	83959	\$100,000
WIESNER, ULRICH B	Materials Science Engineering	FLIR	DYNAMICALLY RESPONSIVE CB AGENT DEFENSE MATERIAL SYSTEMS	67735	\$98,638
WILDEMAN, CHRISTOPHER J	Bronfenbrenner Ctr forTranslational Rsch	DHHS (ACF)	NATIONAL DATA ARCHIVE ON CHILD ABUSE AND NEGLECT	84125	\$5,260,782
ZHANG, ZHIRU	Electrical & Computer Engineering	INTEL	CAPA: COLLABORATIVE RESEARCH: A MULTI-PARADIGM PROGRAMMING INFRASTRUCTURE FOR HETEROGENEOUS ARCHITECTURES	84268	\$425,000