

**Cornell University, Office of Sponsored Programs
Awards Received in April 2018**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ACIMOVIC, SRDAN GORAN	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	QUANTIFYING SURVIVAL RATE OF ERWINIA AMYLOVORA IN CANKERS AND ITS IMPACT ON FIRE BLIGHT OUTBREAKS AND MANAGEMENT	82535	\$99,887
ADIE, STEVEN G	Biomedical Engineering	NSF	CAREER: HYBRID ADAPTIVE OPTICS: A NEW PARADIGM FOR FASTER, DEEPER, VOLUMETRIC MICROSCOPY IN SCATTERING MEDIA	84178	\$500,000
AGNELLO, ARTHUR M	CALS Entomology	BAYER (BAYER CROPSCI)	MODIFIED SPONSORED PRODUCT TESTING AGREEMENT	86754	\$4,000
ANTAKI, JAMES FRANCIS	Biomedical Engineering	ASRI	PHORA: A CLINICAL DECISION SUPPORT TOOL FOR PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION	84529	\$402,594
ANTAKI, JAMES FRANCIS	Biomedical Engineering	U OF LOUISVILLE	SUBORBITAL EVALUATION OF AN AQUEOUS IMMERSION SURGICAL SYSTEM FOR REDUCED GRAVITY	86163	\$12,607
ARCHER, LYNDEN A	Chemical & Biomolecular Engineering	BICI	DESIGNING CROSS-LINKED SOLID POLYMER ELECTROLYTES (XSPES) FOR HIGH ENERGY LITHIUM BATTERIES	86213	\$1,300,000
AYE, YIMON	Chemistry and Chemical Biology	PERSHING SQ	TARGETING NOVEL MOONLIGHTING FUNCTIONS OF NR-A IN B-CELL LYMPHOMAS	82416	\$600,000
BAKER, SHEFFORD P	Materials Science Engineering	NSF	METASTABLE PHASES IN BCC THIN FILMS: FORMATION, STABILITY, AND PROPERTIES	85289	\$519,102
BARRETT, CHRISTOPHER	CALS AEM	ADB GROUP (ARFICAN DB)	STRUCTURAL TRANSFORMATION OF AFRICAN AGRICULTURE AND RURAL SPACES (STAARS)	86631	\$168,781
BEAN, RACHEL E	Center Astrophysics-Planetary Science	NASA (NSSC)	ELUCIDATING THE NATURE OF THE DARK SECTOR AND GRAVITY WITH NOVEL TRACERS	84193	\$717,566
BERGSTROM, GARY C	CALS School of Integrative Plant Science	GVRM	RESEARCH & EXTENSION FOR MALTING BARLEY PRODUCTION IN NEW YORK STATE	86388	\$260,000
BEZNER KERR, RACHEL N	CALS Development Sociology	MCKNIGHT	SINGIDA NUTRITION AND AGROECOLOGY PROJECT (SNAP)	74216	\$74,000
BLOSSEY, BERND	CALS Natural Resources	NYS (NYS DEC)	NEW YORK STATE INVASIVE SPECIES RESEARCH INSTITUTE	71391	\$500,000
BOGDANOVE, ADAM J	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	DEFINING THE RESISTANCE PROFILE OF A BROAD-SPECTRUM DEFENSE GENE FAMILY	83983	\$94,320
BOGDANOVE, ADAM J	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	TAL-LIKE PROTEINS IN ENDOHYPHAL SYMBIOSIS	83988	\$95,000
BOWMAN, DWIGHT D	Microbiology and Immunology	BAYER ANIMAL HLTH	USING CTA AND MRI TO ASSESS HEARTWORM NUMBERS IN INFECTED DOGS	86472	\$99,062
BRIGGS, LILLY PASCOE	CALS Lab of O - Programs	NATL GEOG	LEARNING TO CARE? MULTINATIONAL COLLABORATION TO DETERMINE OUTCOMES OF ENGAGING CHILDREN IN ACTIVITIES DESIGNED TO BUILD DEEPER CONNECTIONS TO BIRDS, NATURE, AND SCIENCE	83956	\$10,000
BUNTING, ELIZABETH M	Population Medicine & Diagnostic Science	TEMPER	HOPE FOR HELLBENDERS	85688	\$10,000
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	BRKLYN COLL	MEASURING SUCCESS: ESTABLISHING METRICS AND MONITORING FOR NATURAL, NATURE-BASED AND HARDENED SHORELINES IN NEW YORK STATE - DOS	80052	\$11,400
CAMPBELL, MARK	Mechanical & Aerospace Engineering	DOD (NAVY-ONR)	DISTRIBUTED DEEP LEARNING MOBILE SENSOR SYSTEM	84033	\$182,467
CERIONE, RICHARD A	Molecular Medicine	BCCR	DETERMINING HOW DOWN REGULATING SIRTUIN 1 EXPRESSION IN BREAST CANCER GENERATES A SECRETOME THAT PROMOTES INVASION AND METASTASIS	85724	\$25,000
CERIONE, RICHARD A	Cornell Lab Accelerator Sciences & Ed	DHHS (NIH-NIH NIGMS)	MACROMOLECULAR DIFFRACTION RESOURCE: MACCHESS	66862	\$2,482,402
CHATRCHYAN, ALLISON M	CALS Earth and Atmospheric Science	U OF WISCONSIN SYS (U WISC MADISON)	CLIMATE CHANGE MITIGATION AND ADAPTATION IN DAIRY PRODUCTION SYSTEMS OF THE GREAT LAKES REGION	85602	\$14,286
CLARK, THEODORE	Microbiology and Immunology	DHHS (NIH-NIH NIGMS)	SHARING ASSETS: EXPANDING SCIENCE OPPORTUNITIES IN K-12 CLASSROOMS	74454	\$22,758
COFFMAN, W. RONNIE	CALS International Programs	IIE	HUBERT HUMPHREY FELLOWS 2017-2018	83965	\$240,000

COHEN, PAULA E COONROD, SCOTT A	Biomedical Sciences Baker Institute for Animal Health	DHHS (NIH-NIH NICHD) BCCR	SMALL RNA PATHWAYS IN MAMMALIAN GAMETOGENESIS ROLE OF PAD2 IN ER-DNA BINDING AND ENDOCRINE RESISTANCE	68165 85735	\$146,591 \$50,000
COX, KERIK D DANDO, ROBIN	CALS School of Integrative Plant Science CALS Food Science	BAYER (BAYER CROPSCI) ESTER	MODIFIED SPONSORED PRODUCT TESTING AGREEMENT SPONSORED PRODUCT TESTING AGREEMENT: BEER QUANTITATIVE RESEARCH (MODIFIED SPONSORED TESTING AGREEMENT)	86820 86589	\$10,500 \$17,112
DANESCU-NICULESCU-MIZIL, CRISTIAN	Information Science	NSF	CAREER: CONVERSATIONAL INTUITION: MODELING LATENT INTERACTIONAL DYNAMICS TO IMPROVE ONLINE DISCUSSIO	84093	\$539,331
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	SYNGENTA FLOWERS	PRODUCT TESTING AGREEMENT	86590	\$6,000
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BAYER	SPONSORED PRODUCT TESTING AGREEMENT	86111	\$500
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BAYER	SPONSORED PRODUCT TESTING AGREEMENT	86111	\$2,500
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	FMC	STANDARD PRODUCT TESTING AGREEMENT	86694	\$1,000
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	CHIP POTATO BREEDING AND EVALUATION (2018)	86469	\$35,000
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	CONDUCT GROWER-EXTENSION YIELD TRIALS OF ADVANCED POTATO BREEDING LINES AND NEW VARIETIES	86468	\$17,047
DE JONG, WALTER	CALS School of Integrative Plant Science	EMP ST POTATO GRW	FRESH POTATO BREEDING AND EVALUATION (2018)	86470	\$10,000
DELL, NICOLA LEE	JTC Research	NSF	CAREER: TOWARDS GLOBAL DIGITAL PRIVACY FOR ALL	83867	\$548,450
DOUGLAS, ANGELA	CALS Entomology	PENN STATE	IOS EDGE: ACCELERATING ARTHROPOD GENETIC MANIPULATION THROUGH REMOT CONTROL	80185	\$264,789
EALICK, STEVEN E	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	NE-CAT CENTER FOR ADVANCED MACROMOLECULAR CRYSTALLOGRAPHY	81536	#####
EARLS, CHRISTOPHER J	Civil & Environmental Engineering	WAI (WTV)	DEVELOPMENT OF CHARACTERIZATION OF FAILURE MODES FOR MECHANICAL COMPONENTS: STTR PHASE II	83176	\$448,500
ERICKSON, DAVID C	Mechanical & Aerospace Engineering	DHHS (NIH)	FEVERPHONE: POINT OF CARE DIAGNOSIS OF FEBRILE ILLNESS USING A MOBILE DEVICE	75777	\$58,456
FISCHBACH, CLAUDIA	Biomedical Engineering	DHHS (NIH)	BREAST CANCER-DERIVED FACTORS AND THEIR ROLE IN BONE PRE-METASTATIC NICHE FORMATION	84182	\$88,088
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	ROLE OF NEPOVIRUS POLYMERASE IN VIRUS-HOST INTERACTIONS FOR SYMPTOM DEVELOPMENT	83947	\$95,000
GAZEL, ESTEBAN	Earth & Atmospheric Sciences	NSF	NEAR CONTINENT INTRAPLATE MAGMATISM IN THE ATLANTIC: IMPLICATIONS FOR MANTLE DYNAMICS AND MELTING	84172	\$124,119
GIBBONS, LAWRENCE GODDARD, JULIE MELISSA	Cornell Lab Accelerator Sciences & Ed CALS Food Science	URA USDA (USDA-NIFA)	URA VISITING SCHOLARS PROGRAM ANTIMICROBIAL & NONFOULING POLYMERIC COATING TO CONTROL PATHOGEN CONTAMINATION IN FOOD PRODUCTION ENVIRONMENTS	86245 84276	\$30,000 \$469,587
GRIFFITHS, PHILLIP	CALS School of Integrative Plant Science	MARS	IDENTIFYING AND OPTIMIZING SOURCES OF NATURAL COLOR FROM CRUCIFER VEGETABLES	71275	\$30,000
HARE, MATTHEW P.	CALS Natural Resources	NSF (NSF BIO)	COLLABORATIVE RESEARCH: SPATIAL ANALYSIS OF GENETIC DIFFERENCES IN SALINITY TOLERANCE RESULTING FROM RAPID NATURAL SELECTION IN ESTUARINE OYSTERS	84394	\$785,467
HARVELL, CATHERINE D	CALS Ecology & Evolutionary Biology	U OF CAL (UC DAVIS)	NATURAL FILTRATION OF PATHOGENS AND ANTIBIOTIC- RESISTANT CONTAMINANTS BY EELGRASS ECOSYSTEMS IN THE SALISH SEA	85819	\$49,938
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NASA (WASHINGTON HQ)	DELAY-DOPPLER AND SUPER RESOLUTION PROCESSING OF THE CASSINI ALTIMETRY DATASET	83560	\$319,429
JENA, DEBDEEP JORDAN, TERESA E	Electrical & Computer Engineering Earth & Atmospheric Sciences	TELEDYNE S&I W VIRGINIA U	DREAM PROGRAM FEASIBILITY OF DEEP DIRECT USE GEOTHERMAL ON THE WEST VIRGINIA UNIVERSITY CAMPUS-MORGANTOWN, WV	83634 85655	\$350,000 \$30,000

KAZDA, JAMES T	CALS Food Science	NYS (DORMITORY)	GENEVA FOOD RESEARCH PILOT PLANT RENEWAL - CONSTRUCTION OF A NEW FACILITY FOR THE CALS INSTITUTE FOR FOOD SAFETY	78674	\$2,000,000
KENKEL, DONALD S	Policy Analysis and Management	EXECUTIVE OFFICE	IPA AGREEMENT WITH THE COUNCIL OF ECONOMIC ADVISERS	86657	\$137,500
KETTERINGS, QUIRINE	CALS Animal Science	NY FARM VIABILITY INST	YIELD MONITOR BASED ASSESSMENT OF CORN GRAIN AND SILAGE YIELD POTENTIALS FOR NEW YORK	85480	\$25,000
KIM, EUN-AH	Lab. of Atomic & Solid State Physics	G&B MOORE FDN	EPIQS FOURTH ANNUAL SUMMER SCHOOL AT CORNELL UNIVERSITY (2018)	85870	\$12,000
KNIFFIN, KEVIN M	CALS AEM	NSF (NSF EHR)	COLLABORATIVE RESEARCH: WHO ARE INTERDISCIPLINARY STEM DOCTORAL GRADUATES? EXPLORING AND ASSESSING ANTECEDENTS AND ECONOMIC CONSEQUENCES	84738	\$239,828
LAWRENCE, JOSEPH R.	CALS Animal Science	NY FARM VIABILITY INST	UNDERSTANDING THE INTERACTION OF WESTERN BEAN CUTWORM DAMAGE AND MYCOTOXIN RISK IN CORN SILAGE	85481	\$11,626
LIN, DAVID	Biomedical Sciences	DHHS (NIH-NIH NIDCD)	PROTODADHERINS IN VERTEBRATE SELF RECOGNITION	79608	\$18,649
LIN, HENING	Chemistry and Chemical Biology	WCM	SIRT3 AS A THERAPEUTIC TARGET FOR THERAPY RESISTANT B-CELL LYMPHOMAS	84219	\$81,400
MACY, MICHAEL	Sociology	JOHNS HOPKINS UNIV (APL)	DARPA GROUND TRUTH PROGRAM	83797	\$889,895
MAK, KIN FAI FAI	Lab. of Atomic & Solid State Physics	DOD (NAVY-ONR)	SUPERCONDUCTIVITY IN TWO-DIMENSIONAL ATOMIC CRYSTALS	84501	\$624,600
MATTSON, NEIL S	CALS School of Integrative Plant Science	PRAXAIR, INC.	A CONCEPTUAL PLAN FOR INVESTIGATING NOX EFFECTS ON PLANT GROWTH	83522	\$153,744
MAZOUREK, MICHAEL	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	SELECTION METHODS FOR A. VITTATUM NON-PREFERENCE IN SQUASH (C. PEPO)	83972	\$39,000
MCFADDEN, JOSEPH W.	CALS Animal Science	USDA (USDA-NIFA)	CHARACTERIZING THE RELATIONSHIP BETWEEN CERAMIDE AND INSULIN RESISTANCE IN OVERWEIGHT DAIRY COWS	85012	\$339,489
MCLASKEY, GREGORY CHRISTOFER	Civil & Environmental Engineering	US INTERIOR (USGS)	TRANSITIONING FROM GESTATION TO LACTATION BARRIERS TO FAULT RUPTURE: LARGE SCALE LABORATORY EXPERIMENTS AND NUMERICAL MODELING	83548	\$95,887
MORARU, CARMEN I	CALS Food Science	RICH PROD CORP	NON-STANDARD PRODUCT TESTING AGREEMENT	86658	\$11,782
MURRAY, SARAH E	Linguistics	CDKC	DOCUMENTATION AND ANALYSIS OF DISCOURSE IN CHEYENNE, A NATIVE AMERICAN LANGUAGE	83199	\$155,892
MUTSCHLER, MARTHA A	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	BREEDING TOMATOES WITH ENHANCED EARLY BLIGHT RESISTANCE IN COMBINATION WITH LATE BLIGHT AND SEPTORIA LEAF SPOT RESISTANCES AND ACCEPTABLE FRUIT TYPE	82761	\$99,902
NAULT, BRIAN A	CALS Entomology	BAYER (BAYER CROPSCI)	MODIFIED SPONSORED TESTING AGREEMENT	86628	\$12,000
NELSON, REBECCA	CALS School of Integrative Plant Science	MCKNIGHT	COLLABORATIVE CROP RESEARCH PROGRAM LEADERSHIP TEAM MEETING (CCRP - LT MEETING)	86509	\$133,677
NIEDERDEPPE, JEFFREY	CALS Communication	PORTLAND STATE	MEDIA ANALYSIS TO FRAME A CULTURE OF HEALTH	84561	\$14,459
NOWACK, KATJAC.	Cornell Center for Materials Research	NSF	REU SITE: INTERDISCIPLINARY MATERIALS RESEARCH FOR UNDERGRADUATES (REU)AND TEACHERS (RET) IN MATERIALS	84439	\$449,999
NUGEN, SAM R	CALS Food Science	GLOBALGOOD	PROJECT AGREEMENT NO. 4	86375	\$38,400
NYROP, JAN P	CALS Entomology	NY FARM VIABILITY INST	SUSTAINABLE AND SAFE METHODS TO ADDRESS BIOLOGICAL THREATS TO THE RAPIDLY GROWING NY HOPS INDUSTRY	82789	\$97,903
NYROP, JAN P	CALS Geneva AES Finance & Operating	MBI	PRODUCT TESTING AGREEMENT	86636	\$3,600
NYROP, JAN P	CALS Geneva AES Finance & Operating	GVRM	FACILITATE AND ENHANCE THE LOCATION OF THE INSTITUTE FOR FOOD SAFETY WITHIN THE NYS FOOD VENTURE CENTER	86390	\$40,000
O'BRIEN, KIMBERLY	Nutritional Sciences	USAMRAA	REPORT OF STABLE CALCIUM ISOTOPE ANALYSIS	83211	\$303,389
O'DONNELL, CAROLINE A	Architecture	HTR	GROVER: NEXUS-NY PHASE 1	86611	\$10,000
OCHS, MARY A	Mann Library	AGRA	AGRA KNOWLEDGE MANAGEMENT SYSTEM	85568	\$21,109
OVERTON, THOMAS R	CALS Animal Science	NY FARM VIABILITY INST	BMAT GROUPS 3 AND 4	86395	\$59,992

PADILLA-ZAKOUR, OLGA I	CALS Food Science	NYS (DORMITORY)	NEXTGEN FOOD TECHNOLOGY INITIATIVE - PURCHASE OF EQUIPMENT OF EXPERIMENTAL STATION	80983	\$1,000,000
PARK, HUIJU	Fiber Science and Apparel Design	IPP	INNOVATIVE NON-ENCAPSULATING NFPA 1994 CLASS 1 PROTECTIVE ENSEMBLE	84153	\$116,245
PASS, RAFAEL N	Tech Research	SF	SIMONS POSTDOC FELLOW APPLICATION FOR ANTIGONI POLYCHRONIADOU: CHIEF SCIENTIST FUND-SOCIETY OF FELLOWS JUNIOR FELLOWS	85852	\$388,512
PASZEK, MATTHEW J	Chemical & Biomolecular Engineering	NSF	CAREER: PHYSICAL REGULATION OF CELL MIGRATION BY THE GLYCOCALYX	84209	\$500,000
PECK, MASON	Center Astrophysics-Planetary Science	NASA (NSSC)	NASA / NEW YORK SPACE GRANT CONSORTIUM: NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM 2015-2018	76156	\$760,000
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	\$1,500
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	NOVEL SEED TREATMENTS FOR EARLY SEASON DISEASE CONTROL AND INCREASED PROFITABILITY OF THE TABLE BEET INDUSTRY IN NEW YORK	82780	\$99,834
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	MBI	MODIFIED SPONSORED PRODUCT TESTING AGREEMENT	86626	\$3,200
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	MBI	MODIFIED SPONSORED TESTING AGREEMENT	86627	\$6,250
POVEDA, KATJA	CALS Entomology	USDA (USDA-NIFA)	CAUSES AND CONSEQUENCES OF FUNCTIONAL TRAIT VARIATIONS IN CROP POLLINATORS	83975	\$165,000
PUTNAM, DAVID	Biomedical Engineering	DHHS (NIH)	EFFECTIVE MUCOSAL VACCINATION THROUGH ENGINEERED OUTER MEMBRANE VESICLES	83900	\$425,354
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	CT ACTION	ADVANCING AGRICULTURAL SUPPORT AND TRAINING FOR REFUGEE FARMERS IN CENTRAL NEW YORK	84365	\$12,396
REID, JUDSON EDWARD	CALS Cornell Cooperative Extension	CCE CLINTON	ADVANCING VEGETABLE PRODUCTION 2018	85496	\$26,402
RICHARDS, BRIAN K	CALS Biological & Environmental Engr	USDA (USDA-NIFA)	CHARACTERIZING AND MITIGATING GLYPHOSATE HERBICIDE MOBILIZATION IN AGROECOSYSTEMS	83991	\$497,000
SABIN, JENNY	Architecture	NATIONAL ACADEMIES (NAS)	SUSTAINABLE ARCHITECTURE AND AESTHETICS: EMERGENT DESIGN FOR HIGH-PERFORMANCE SOLAR PANELS	86604	\$30,000
SAMARANAYAKE, SAMITHA	Civil & Environmental Engineering	DIGITAL MOBILITY	A FRAMEWORK FOR REAL-TIME FLEET MANAGEMENT IN RIDE-SHARING SYSTEMS	86137	\$29,120
SCHMIT, TODD M	CALS AEM	FMF-NY	REVERSING A DOWNWARD TREND IN CUSTOMER PARTICIPATION AND FARMER SALES AT FARMERS MARKETS	84877	\$29,538
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$139,740
SETHUPATHY, PRAVEEN	Biomedical Sciences	DHHS (NIH-NIH NIDDK)	MOLECULAR AND BIOLOGICAL FUNCTIONS OF MIR-29 IN LIPID HOMEOSTASIS	84480	\$35,194
SETHUPATHY, PRAVEEN	Biomedical Sciences	UNC	CIRCULATING MICRORNAS AS NOVEL BIOMARKERS OF ARSENIC-ASSOCIATED DIABETES	83336	\$21,607
SIMPSON, KENNY	Clinical Sciences	AKC CHF	IDENTIFYING THE GENETIC BASIS OF PROTEIN LOSING ENTEROPATHY IN YORKSHIRE TERRIERS	85109	\$46,440
SMART, LAWRENCE B	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	DEVELOPMENT OF UAS IMAGING TO COMPLEMENT GENOMICS-ASSISTED BREEDING OF SHRUB WILLOW FOR IMPROVED YIELD & PEST RESISTANCE	84041	\$1,000,000
SMITH EINARSON, MARGARET E	CALS School of Integrative Plant Science	SYNGENTA SEED - BOISE	SERVICE ORDER 5: NORTHERN CORN BLIGHT DISEASE SCREENING	86734	\$2,144
SMITH, DAVID M.	Psychology	DHHS (NIH)	HIPPOCAMPUS, RETROSPLENIAL CORTEX AND CONTEXTUAL LEARNING AND MEMORY	84084	\$2,059,403
SMITH, DEAN J	CU Press	NEH	SMITH_DEAN - HUMANITIES OPEN BOOK PROGRAM - CORNELL UNIVERSITY III	84652	\$92,673

SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	STRENGTHENING DIAGNOSTICS FOR OAK WILT, CERATOCYSTIS FAGACEARUM, THROUGH IMPLEMENTING NEW TECHNOLOGIES, IMPROVING TECHNIQUES AND INCREASING OUTREACH EDUCATION	82838	\$98,988
SORRELLS, MARK E	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	TO GERMINATE, OR NOT TO GERMINATE: IMPROVING PREHARVEST SPROUTING TOLERANCE IN WHEAT	83966	\$164,935
SOSOE, PHILIPPE	Mathematics	NSF	DISORDERED SYSTEMS AND QUASI-INVARIANT DYNAMICS	85265	\$161,973
SPOON, HENRIK	Center Astrophysics-Planetary Science	GMU	PROBING RADIATION PRESSURE AND HOT GAS FEEDBACK THROUGH SPECTRAL SIMULATION OF MID-IR TO SUBMILLIMETER FINE-STRUCTURE LINES IN ULTRALUMINOUS INFRARED GALAXIES	83586	\$30,000
STANYARD, MICHAEL J	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	2018 NEW YORK CORN YIELD CONTEST	85359	\$6,429
STANYARD, MICHAEL J	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	ON-FARM CORN EDUCATIONAL PROGRAM FOR YOUNG CROP PRODUCERS	85374	\$11,280
SUN, YING	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	ADVANCING CROP STRESS MONITORING AND FORECAST USING UNMANNED AERIAL VEHICLE (UAV) MEASUREMENTS OF SOLAR-INDUCED CHLOROPHYLL FLUORESCENCE (SIF) AND THE PHOTOCHEMICAL REFLECTANCE INDEX (PRI)	83995	\$114,039
TAIT WOJNO, ELIA D	Baker Institute for Animal Health	WFA	MECHANISMS OF ALLERGIC DISEASE IN THE WEST HIGHLAND WHITE TERRIER	85416	\$20,358
THALER, JENNIFER S	CALS Entomology	USDA (USDA-NIFA)	USING COLORADO POTATO BEETLE RESPONSES TO PREDATORS TO MAXIMIZE PEST CONTROL	84146	\$489,107
TONG, LANG	Electrical & Computer Engineering	ARIZONA STATE U	IPERC- M 38 PROJECT	86030	\$35,000
TROCHIM, WILLIAM M	Policy Analysis and Management	MLC	MINISTRY LEADERSHIP CENTER EVALUATION	85631	\$279,969
UMRIGAR, CYRUS J	Lab. of Atomic & Solid State Physics	CALTECH	REVOLUTIONARY ADVANCES IN CORRELATED ELECTRON MATERIALS: FROM STRONGLY CORRELATED ELECTRONS TO LARGE SCALE DFTI AND QUANTUM EMBEDDING	81870	\$1,233,750
VANDEN HEUVEL, JUSTINE E	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	ENHANCING VINE HEALTH WITH SOIL MICROBIAL STIMULATORS IN VINEYARDS	82787	\$88,479
WAKSHLAG, JOSEPH	Clinical Sciences	VAIKA	INFLUENCE OF REVERSE TRANSCRIPTASE INHIBITORS ON CANINE LONGEVITY AND QUALITY OF LIFE	86688	\$3,938,949
WEEDEN, KIM	Sociology	EVELYN AND WALTER HAAS	WHAT WE KNOW PROJECT	86580	\$25,000
WHITTAKER, GARY	Microbiology and Immunology	WINN FDN	RESPIRATORY FELINE CORONAVIRUS AS A CAUSE OF UPPER RESPIRATORY INFECTION IN AMINAL SHELTERS	85649	\$24,307
WILLIAMS, REBECCA M	Institute Biotechnology & Life Science	DHHS (NIH-ORIP)	IN VIVO OPTICAL AND MICROCT IMAGING INSTRUMENTS FOR THE CORNELL BRC IMAGING FACILITY	83695	\$750,000
XING, H GRACE	Electrical & Computer Engineering	SRCCO INC	E2CDA: TYPE I: DURABLE, ENERGY-EFFICIENT, PAUSABLE PROCESSING IN POLYMORPHIC MEMORY (DEEP3M)	84264	\$933,330
YU, HAIYUAN	Weill Institute	YALE	PRIORITIZING RARE VARIANTS ASSOCIATED WITH CANCER USING NON-CODING ANNOTATION	76800	\$48,089
ZHANG, ZHIRU	Electrical & Computer Engineering	SRC	MEGABRAIN: ENABLING EARTH-SCALE FPGA NETWORKS FOR COGNITIVE COMPUTING	84940	\$89,490