

Cornell University, Office of Sponsored Programs
Awards Received in September 2015

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
AGNELLO, ARTHUR M	CALS Entomology	USDA (ARS-AFRS)	BIOLOGY, ECOLOGY AND MANAGEMENT OF BROWN MARMORATED STINK BUG IN ORCHARD CROPS, SMALL FRUIT, GRAPES, VEGETABLES AND ORNAMENTALS: ATCA	64093	\$185,309
BATES, TERENCE R	CALS School of Integrative Plant Science	NY WINE/GRAPE	A SYSTEM APPROACH TO CONCORD PRODUCTIVITY AND FRUIT QUALITY IN THE LAKE ERIE PRODUCTION REGION	69277	\$49,561
BATT, CARL A	CALS Food Science	CARRERA	BIOSTABILIZATION	77169	\$49,595
BATTEN, CHRISTOPHER	Electrical & Computer Engineering	DOD (AF-AFOSR)	EXPLOITING AMORPHOUS DATA PARALLELISM THROUGH SOFTWARE AND ARCHITECTURE CO-DESIGN	74486	\$356,769
BAZAROV, IVAN	Cornell Lab Accelerator Sciences & Ed	DOE	ULTRA-LOW EMITTANCE PHOTOCATHODES FOR ACCELERATORS AND FEMTOSECOND ELECTRON DIFFRACTION	75531	\$400,000
BELLINDER, ROBIN R	CALS School of Integrative Plant Science	U OF VERMONT	COVER CROP AND WEED MANAGEMENT IN AN INTER-SEEDED COVER CROP PLUS REDUCED-RATE HERBICIDE SYSTEM IN WIDE-ROW VEGETABLES	76886	\$14,940
BENEDEK, NICOLE A	Materials Science Engineering	NSF	CAREER: IONIC AND THERMAL TRANSPORT PROPERTIES OF COMPLEX OXIDES FROM FIRST PRINCIPLES	77175	\$475,000
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77170	\$142,091
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77615	\$82,238
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES (KRASNOFF)	77141	\$45,824
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77676	\$37,291
BERGSTROM, GARY C	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77615	\$20,032
BISCHOFF, KARYN	Population Medicine & Diagnostic Science	DHHS (FDA)	ANIMAL FEED AND PET FOOD SAFETY COOPERATIVE AGREEMENT	68150	\$5,000
BLOSSEY, BERND	CALS Natural Resources	US INTERIOR (USFW)	DEVELOPING BIOLOGICAL CONTROL MANAGEMENT OF INVASIVE PHRAGMITES AUSTRALLS	73812	\$27,000
BRETSCHER, ANTHONY P	Weill Institute	DHHS (NIH-NIH NIGMS)	MICROFILAMENTS IN THE YEAST SACCHAROMYCES CEREVISIAE	75091	\$1,659,304
BROCK, JOEL D	Cornell Lab Accelerator Sciences & Ed	NSF (NSF MPS)	OPERATION OF CORNELL HIGH ENERGY SYNCHROTRON SOURCE (CHESS)	69874	\$401,477
BROWN, SUSAN K	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES - ESTABLISH NEW FACILITIES	77188	\$67,408
BROWN, SUSAN K	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES - FACILITIES	74101	\$23,643
BROWN, SUSAN K	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES (NEW GGRU)	77186	\$18,700
BROWN, SUSAN K	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES (NEW ROOTSTOCK)	77189	\$12,000
BROWN, SUSAN K	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES (PGRU)	77185	\$6,447
BUNTING-HOWARTH, KATHERINE E	CALS Sea Grant	DEPT COMMERCE (NOAA)	2015 CONFERENCES AND WORKSHOPS: CRUDE OIL MOVEMENT WITHIN THE GREAT LAKES BASIN II--USING COLLABORATION AND SCIENCE TO OPTIMIZE OUR CHOICES	77079	\$19,877
BUTCHER, JONATHAN T	Biomedical Engineering	DHHS (NIH)	ADHESIVE SIGNALING IN AORTIC VALVE DEVELOPMENT AND DISEASE	74662	\$1,541,249

CHATRCHYAN, ALLISON M	CALS Earth and Atmospheric Science	USDA (USDA, ARS, NAA)	CORNELL NORTHEAST CLIMATE HUB RISK ASSESSMENT AND CAPACITY BUILDING: ASSESSING AND BUILDING CAPACITY FOR CLIMATE SMART FARMING DECISIONS IN THE NORTHEAST	73905	\$60,000
CHAU, HO YAN	CALS The Charles H. Dyson School of AEM	CEPR	THE PRODUCTIVITY IMPACT OF CONTRACT WORK IN INDIA: AN ESTABLISHMENT LEVEL STRUCTURAL APPROACH	75673	\$24,677
CHOUDHURY, TANZEEM K	Information Science	WEILL	AN AUTO-PERSONALIZING MOBILE PHONE APPLICATION TO ENCOURAGE REGULAR ACTIVITY FOR CHRONIC BACK PAIN MANAGEMENT	76693	\$15,000
COFFMAN, W. RONNIE	CALS International Programs	USDA (FAS)	BORLAUG FELLOWSHIP PROGRAM - EGYPT (FOOD SAFETY POLICY)	77069	\$34,667
COLLMER, ALAN R	CALS School of Integrative Plant Science	USDA (ARS)	UNRAVELING THE PHYTOPATHOGEN'S RESPONSE TO ITS ENVIRONMENT	77940	\$192,313
CURTIS, PAUL D	CALS Natural Resources	DOD (ARMY-ACE)	FORT DRUM WHITE-TAILED DEER FAWN SURVIVAL STUDY	74297	\$84,600
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	USDA (ARS)	TRACKING AND MANAGING DISEASES OF FLORICULTURE CROPS CAUSED BY OOMYCETES AND FUNGI	77941	\$77,745
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	RUTGERS	BOXWOOD BLIGHT MITIGATION STRATEGIES	77715	\$3,749
DE JONG, WALTER	CALS School of Integrative Plant Science	USDA (ARS)	DEVELOPMENT AND RELEASE OF GOLDEN NEMATODE RESISTANT POTATOES	77933	\$186,126
DE JONG, WALTER	CALS School of Integrative Plant Science	USDA (USDA, ARS, NAA)	DEVELOPMENT OF POTATO GERMPASM FOR GOLDEN NEMATODE RESISTANCE	65853	\$67,876
DE JONG, WALTER	CALS School of Integrative Plant Science	USDA (ARS)	SCREENING FOR RESISTANCE TO GLOBODERA NEMATODE PESTS IN US POTATO CULTIVARS AND ADVANCED BREEDING SELECTIONS	74672	\$14,577
DE JONG, WALTER	CALS School of Integrative Plant Science	PA DEPT OF AG	BREEDING IMPROVED POTATO VARIETIES ADAPTED TO PENNSYLVANIA	72521	\$2,000
DECKER, DANIEL J	CALS Natural Resources	US INTERIOR (USGS)	REVEALING OPPORTUNITIES FOR LOCAL-LEVEL STAKEHOLDER ENGAGEMENT AND SOCIAL SCIENCE INQUIRY IN LANDSCAPE CONSERVATION DESIGN	76859	\$115,519
DECKER, DANIEL J	CALS Natural Resources	US INTERIOR (NPS)	THE ROLE OF WILDLIFE HEALTH IN MANAGEMENT OF WILDLIFE AS A PUBLIC TRUST RESOURCE	77473	\$37,661
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	USDA (NRCS)	WCIS AGACIS ENHANCEMENT INITIATIVE	77600	\$35,000
DELISA, MATTHEW	Chemical & Biomolecular Engineering	NOVO NORDISK	IMPROVING STABILITY AND HALF-LIFE OF DIABETES DRUGS USING GLYCOENGINEERED BACTERIA	77596	\$246,591
DESJARDINS, OLIVIER	Mechanical & Aerospace Engineering	TAITECH	NUMERICAL STUDY OF LIQUID JET ATOMIZATION IN SUPERSONIC CROSSFLOWS	76642	\$120,000
DEVOOGD, TIMOTHY J	Latin American Studies Program	US DEPT OF STATE (USE HAVANA)	CUBAN STUDENT PARTICIPATING RESEARCH AT CORNELL	77040	\$100
DICHTEL, WILLIAM	Chemistry and Chemical Biology	NSF	BIO-BASED POROUS POLYMERS FOR REMOVING ORGANIC MICROPOLLUTANTS FROM WATER	76308	\$250,000
DITOMMASO, ANTONIO	CALS School of Integrative Plant Science	USDA (ARS)	DEMOGRAPHY OF KNAWEEDS (CENTAUREA SPP.) IN THE NORTHEAST	77947	\$38,446
DITOMMASO, ANTONIO	CALS School of Integrative Plant Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77399	\$3,600
DOMBROSKIE, JASON J	CALS Entomology	NYS (AGMRKT)	INSECT IDENTIFICATION	77745	\$15,700
DOMBROSKIE, JASON J	CALS Entomology	NYS (AGMRKT)	INSECT IDENTIFICATION GRAPE COMMODITY	77744	\$8,000
ESTRIN, DEBORAH	Tech Research	U. OF MEMPHIS	CENTER OF EXCELLENCE FOR MOBILE SENSOR DATA-TO-KNOW (MD2K)	72068	\$37,338

FITZPATRICK, JOHN	CALS Lab of O - Programs	DEPT COMMERCE (NOAA-NMML/NOA	NOAA NE REFURBISHMENT	71426	\$31,682
FOSTER, JOHN NATE	Computer Science	NSF	AITF: FULL: ALGORITHMS AND PROBABILISTIC SEMANTICS FOR NEXT-GENERATION NETWORKS	75928	\$200,000
FRAZIER, PETER	Operations Research & Information Engr	NSF	COLLABORATIVE RESEARCH: OPTIMAL LEARNING FOR PROCESSING ORGANIC SEMICONDUCTOR MATERIALS	75961	\$338,798
FRYE, MATTHEW J	CALS Integrated Pest Management	PEST MANAGEMENT FOUNDATION	EVALUATION OF EXCLUSION TO PREVENT INDOOR INFESTATIONS OF THE BROWN MARMORATED STINK BUG	76205	\$12,004
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	REGIONAL CENTER PLANT DIAGNOSTIC FACILITY	67826	\$611,271
FUCHS, MARC	CALS School of Integrative Plant Science	CALIFORNIA (CA FOOD AND AGR)	BIOLOGY AND SPREAD OF GRAPEVINE RED BLOTCH-ASSOCIATED VIRUS	75889	\$367,555
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA APHIS)	DEVELOPING A REGIONAL EASTERN NCPN-GRAPE CENTER	75602	\$288,253
FULLER, ANGELA K	CALS Natural Resources	US INTERIOR (USGS)	DEVELOPMENT AND EXTENSION OF THE R PACKAGE "UNMARKED" FOR STATISTICAL MODELING AND ANALYSIS OF SURVEY DATA FROM UNMARKED INDIVIDUALS USING HIERARCHICAL MODELS	77143	\$37,713
GADOURY, DAVID M	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	THE NOVEL USE OF LIGHT TO SUPPRESS A BROAD GROUP OF PLANT PATHOGENS AFFECTING SUSTAINABLE PRODUCTION OF ORGANICALLY GROWN CROPS	76719	\$1,765,854
GARROD, ROBIN T	Center Astrophysics-Planetary Science	NASA (NSSC)	ASTROCHEMICAL SIMULATIONS OF STAR-FORMING REGIONS IN THE MAGELLANIC CLOUDS: THE INFLUENCE OF METALLICITY ON SIMPLE ICES AND COMPLEX ORGANICS	75899	\$30,000
GOLDBERG, JESSE H	Neurobiology and Behavior	DHHS (NIH-NIH NINDS)	NEURAL MECHANISMS OF PERFORMANCE EVALUATION DURING NATURAL MOTOR SEQUENCE LEARNING	75944	\$1,695,425
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	MENTAL HYGIENE	PROMOTE READINESS OF MINORS IN SUPPLEMENT SECURITY INCOME (PROMISE)	71326	\$14,630,494
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	NYS (NYSEDUC)	COMMUNITY EMPLOYMENT DEVELOPMENT PLAN FOR TRANSITION AGE YOUTH AND ADULTS WITH THE MOST SIGNIFICANT DISABILITIES	73939	\$336,596
GOLDEN, THOMAS P	Industrial & Labor Relations Ext Orgs	BAH	TICKET TO WORK AND SELF-SUFFICIENCY PROGRAM: BENEFICIARY ACCESS AND SUPPORT SERVICES ("BASS") WEBINAR SUPPORT SERVICES	66584	\$12,329
GORE, MICHAEL A	CALS School of Integrative Plant Science	USDA (ARS)	RNASEQ TO ACCELERATE OAT BREEDING FOR NUTRITIONAL QUALITY	77732	\$131,417
GRANT, JENNIFER	CALS Integrated Pest Management	NYS (AGMRKT)	INTEGRATED PEST MANAGEMENT	76664	\$500,000
GREENLY, JOHN B	Lab of Plasma Studies	DOE (NNSA)	MAGNETIZED HIGH ENERGY DENSITY PLASMA FLOWS DRIVE BY SKIN EFFECTS	74721	\$570,000
GROHN, YRJO T	Population Medicine & Diagnostic Science	PENN STATE	MYCOBACTERIUM PARATUBERCULOSIS IMMUNODIAGNOSTIC ANTIGEN DISCOVER WITH PROTEIN MICROARRAYS	73344	\$31,500
HAGGERTY, LUKE L	CALS School of Integrative Plant Science	NY WINE/GRAPE	EVALUATION OF REPLANT PRACTICES IN LAKE ERIE REGION VINEYARDS	77127	\$4,066
HAJEK, ANN E	CALS Entomology	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77158	\$38,085
HANS, VALERIE	Law School Research	NSF	QUANTITATIVE JUDGEMENTS IN LAW: STUDIES OF DAMAGE AWARD DECISION MAKING	76035	\$389,996
HANSON, MAUREEN R	CALS Molecular Biology & Genetics	DOE	PROBING PHOTOSYNTHESIS BY ALTERING CHLOROPLAST PROTEINS	75632	\$300,000

HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	JPL	GRADUATE STUDENT SUPPORT FOR CO-ANALYSIS OF CASSINI VIMS/RADAR DATA OF TITAN (N. KUTSOP)	76465	\$149,102
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	JOHNS HOPKINS UNIV (APL)	DECIPHERING FINE-SCALE SURFACE PROPERTIES FROM VISIBLE/NEAR-INFRARED SPECTROPHOTOMETRY AT RECENT MARTIAN LANDING SITES	74503	\$64,658
HERTER, TERRY L	Center Astrophysics-Planetary Science	USRA	FORCAST: A WIDE-FIELD INFRARED CAMERA FOR SOFIA	33351	\$17,881
HEWSON, IAN	CALS Microbiology	NSF (NSF BIO)	GETTING WASTED WITH OLD FOES AND NEW FRIENDS: MICROBIAL ECOLOGY OF SEA STAR WASTING DISEASE	76080	\$564,562
HOFFMANN, ROALD	Chemistry and Chemical Biology	CARNEGIE INST. OF W	THE THEORETICAL DESIGN OF NOVEL MATERIALS WITH EMERGENT PROPERTIES	72480	\$155,614
HOFFSTAETTER, GEORG	Cornell Lab Accelerator Sciences & Ed	BROOKHAVEN	ERHIC RESEARCH AND DEVELOPMENT	77334	\$100,000
HUI, CHUNG-YUEN	Mechanical & Aerospace Engineering	NSF	GOALI: COLLABORATIVE RESEARCH: DESIGNING SURFACE ARCHITECTURE TO ENHANCE FRICTION OF ELASTOMERS	76051	\$199,886
IRWIN, LYNNE H	CALS Biological & Environmental Engr	CUNY	MODELING MECHANISTIC PROPERTIES OF UNBOUND PAVEMENT MATERIALS FOR NEW YORK STATE	58700	\$44,518
JENA, DEBDEEP	Electrical & Computer Engineering	NSF	DMREF COLLABORATIVE RESEARCH: EXTREME BANDGAP SEMICONDUCTORS	75824	\$840,000
JENA, DEBDEEP	Electrical & Computer Engineering	NOTRE DAME	GAN HOMOEPITAXIAL WAFERS FOR VERTICAL HIGH-POWER DEVICES GROWN BY VAPOR PHASE EPITAXY ON LOW-COST, HIGH QUALITY AMMONOTHERMAL GAN SUBSTRATES (PHASE 11)	76310	\$350,000
JENA, DEBDEEP	Electrical & Computer Engineering	U OF CAL (UC SANTA BARB)	EXTREME ELECTRON CONCENTRATION MATERIALS AND DEVICES (EXEDE) (MURI)	76675	\$348,128
JUST, DAVID R	CALS The Charles H. Dyson School of AEM	USDA	EXPANDING THE IMPACT OF THE CORNELL CENTER FOR BEHAVIORAL ECONOMICS IN CHILD NUTRITION PROGRAMS	77867	\$1,229,679
KAWATE, TOSHIMITSU	Molecular Medicine	DHHS (NIH-NIH NIGMS)	STRUCTURE AND FUNCTION OF PANNEXINS: ACTIVATION MECHANISM	73874	\$1,569,660
KE, AILONG	Molecular Biology and Genetics	U OF MINNESOTA	RNA IN VIRAL DNA PACKAGING	71876	\$143,729
KETTERINGS, QUIRINE	CALS Animal Science	U OF WISCONSIN - MADISON	CLIMATE CHANGE MITIGATION AND ADAPTATION IN DAIRY PRODUCTION SYSTEMS OF THE GREAT LAKES REGION	66773	\$155,331
KNEPPER, ROSS	Computer Science	HEILONGJIANG (HIT RG)	CORNELL COLLABORATION WITH HIT ROBOT GROUP: APPLIED SRA TEMPLATE	77093	\$76,409
KNUTH, BARBARA A	Office of the Graduate School	U OF WISCONSIN - MADISON	THE CIRTL NETWORK: 25 RESEARCH UNIVERSITIES PREPARING A NATIONAL FACULTY TO ADVANCE STEM UNDERGRADUATE LEARNING	66740	\$47,950
KRAFFT, DEAN B	Information Technology CC	DURASPACE	VIVO PROJECT SUPPORT	77630	\$39,000
KRESS GAZIT, HADAS	Mechanical & Aerospace Engineering	NSF	COLLABORATIVE RESEARCH: EXPEDITIONS IN COMPUTER AUGMENTED PROGRAM ENGINEERING (EXCAPE): HARNESSING SYNTHESIS FOR SOFTWARE DESIGN	63051	\$6,930
KUSHNIR, TAMAR	Human Development	DHHS (ACF)	DEVELOPMENTAL PREDICTORS OF PRESCHOOLERS PEER COLLABORATION	73889	\$24,563
LAL, AMIT	Electrical & Computer Engineering	DOE (ARPA-E)	MEMS BASED ION BEAM DRIVERS FOR MAGNETIZED TARGET FUSION	75923	\$820,000
LANCASTER, KYLE	Chemistry and Chemical Biology	NSF	SUSCHEM: CAREER: HIGH RESOLUTION X-RAY SPECTROSCOPIC STUDIES OF BASE METAL CATALYSIS	74181	\$561,000
LEE, SIU SYLVIA	Molecular Biology and Genetics	DHHS (NIH-NIH NIA)	GENETIC AND EPIGENETIC DETERMINANTS OF LONGEVITY	75542	\$2,263,986

LEIDY, BRIAN	Bronfenbrenner Ctr forTranslational Rsch	USDA (USDA-NIFA)	FAMILY ADVOCACY PROGRAM: VICTIM ADVOCACY PROGRAM TUTORIAL	77677	\$143,606
LEY, RUTH E	CALS Molecular Biology & Genetics	UES	GUT MICROBIOME METAGENOMIC ANALYSIS OF DEPLOYED AIRMEN	77641	\$100,000
LIFKA, DAVID	Center for Advanced Computing	NSF (NSF CISE)	CC*DNI DIBBS: DATA ANALYSIS AND MANAGEMENT BUILDING BLOCKS FOR MULTI-CAMPUS CYBERINFRASTRUCTURE THROUGH CLOUD FEDERATION	76221	\$4,975,094
LOEB, GREGORY M	CALS Entomology	NY WINE/GRAPE	MANAGING GRAPE ROOTWORM IN NY VINEYARDS	77128	\$16,155
LOHMAN, ROWENA	Earth & Atmospheric Sciences	USC	EVALUATING GPS CONSTRAINTS ON IN-SAR BASED VELOCITY MODELS	75198	\$24,000
LOSEY, JOHN E	CALS Entomology	NSF (NSF ENG)	LOCAL LADYBUGS: AN EFFECTIVE, ENVIRONMENTALLY SOUND PEST MANAGEMENT ALTERNATIVE	77569	\$50,000
LOVETTE, IRBY J	CALS Lab of O - Student Services	EPA	EPA STAR FELLOWSHIP - NICHOLAS MASON	77813	\$34,000
MANNING, STURT	Classics	US INTERIOR (NPS)	FIELD TESTING A RAPID-DEPLOYMENT GEOPHYSICAL RECONNAISSANCE TEAM FOR THE ASSESSMENT OF THREATENED CULTURAL RESOURCES IN THE AMERICAN ARCTIC	75039	\$39,500
MANNING, STURT	Classics	US INTERIOR	ARCHAEO-GEOPHYSICAL ASSESSMENT OF CULTURAL RESOURCES AT THE BROOKS CAMP, KATMAI NATIONAL PARK, ALASKA	77321	\$23,596
MANSFIELD, ANNA K	CALS Food Science	NY WINE/GRAPE	TANNIN AND LAB INTERACTIONS IN HYBRID WINES	72599	\$33,793
MARSCHNER, STEPHEN R	Computer Science	NSF	CHS:MEDIUM:COLLABORATIVE RESEARCH:INTEGRATED SIMULATION OF CLOTH MECHANICS AND APPEARANCE FOR PREDICTIVE VIRTUAL PROTOTYPING	75054	\$950,000
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	VERAISON TO HARVEST NEWSLETTER	70812	\$21,940
MARTINSON, TIMOTHY E	CALS School of Integrative Plant Science	NY WINE/GRAPE	BUD HARDINESS AND WINTER INJURY 2014	74080	\$17,390
MAZOUREK, MICHAEL	CALS School of Integrative Plant Science	USDA (ARS)	INVESTIGATION OF GENES INVOLVED IN CAROTEROID ACCUMULATION IN FRUITS AND VEGETABLES	69821	\$15,070
MEHTA, SAURABH	Nutritional Sciences	IFPRI	EFFECT OF A BIOFORTIFIED FOOD BASKET ON MICRONUTRIENT STATUS AND IMMUNE AND COGNITIVE FUNCTION IN THE FIRST 1000 DAYS OF LIFE IN INDIA	75556	\$1,152,938
MILLER, DENNIS D	CALS Food Science	USDA (ARS)	IMPROVING THE MICRONUTRIENT BIOAVAILABILITY OF STAPLE FOODS, FOOD INGREDIENTS AND FOOD PRODUCTS	77564	\$16,582
MITCHELL, SHARON E	Institute Biotechnology & Life Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77866	\$15,277
MOLNAR, ALYOSHA	Electrical & Computer Engineering	RAYTHEON	HIGH FREQUENCY PASSIVE MIXER CIRCUITS FOR ACT PROGRAM	70699	\$60,000
MORARU, CARMEN I	CALS Food Science	PEPSICO	DAIRY SUSTAINABLE FARM INITIATIVE SOLUTION SET BUILD-OUT	77976	\$3,000
MORRISETT, JOHN G	Computer Science	NSF	SHF: MEDIUM: COLLABORATIVE RESEARCH: PRINCIPLED OPTIMIZING COMPILATION OF DEPENDENTLY TYPED LANGUAGES	77696	\$500,188
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	NSF	COSMOLOGY WITH THE KINEMATIC SUNYAEV-ZEL'DOVICH EFFECT: TESTING FUNDAMENTAL PHYSICS AND HYDRODYNAMICAL SIMULATIONS	75195	\$143,714
NIKLAS, KARL J	CALS School of Integrative Plant Science	CLEMSON U	VINE-LIKE CONTINUUM ROBOTS	75726	\$20,000
OSWALD, ROBERT E	Molecular Medicine	DHHS (NIH)	DYNAMIC PROPERTIES OF A GLUTAMATE BINDING DOMAIN	75015	\$1,240,000

OVERTON, THOMAS R	CALS Animal Science	NYS (AGMRKT)	PRO DAIRY	67439	\$1,200,000
PECK, MASON	Mechanical & Aerospace Engineering	NASA	SOFT-ROBOTIC ROVER WITH ELECTROMAGNETIC POWER SCAVENGING	75285	\$96,949
PECK, MASON	Mechanical & Aerospace Engineering	NASA	SOFT-ROBOTIC ROVER WITH ELECTROMAGNETIC POWER SCAVENGING	75285	\$3,051
PERRY, JEFFREY A	CALS School of Integrative Plant Science	NYS (DED NYS)	NY AGRICULTURE RESILIENCY GROWTH PROJECT	73935	\$160,666
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	USDA (ARS)	DEVELOPMENT OF PRE-PLANT DNA TESTS FOR THE PREDICTION OF RISK OF DAMAGE FROM ROOT-KNOT NEMATODE IN POTATO	74663	\$44,126
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	U OF VERMONT	REDUCING PESTICIDE USAGE IN VEGETABLE PRODUCTION BY CALCULATING SOILBORNE DISEASE RISK	76782	\$14,633
PSIAKI, MARK L	Mechanical & Aerospace Engineering	TOYON	MULTIPLE ANTENNA ELEMENT APPROACH TO A COMBINED PRECISION ATTITUDE DETERMINATION AND GPS ANTI- JAMMING/SPOOFING CAPABILITY: STTR PHASE I	76061	\$45,000
PUTNAM, DAVID	Biomedical Engineering	DHHS (NIH)	TOWARD A UNIVERSAL INFLUENZA VACCINE THROUGH THE CONTROLLED RELEASE OF ROMVS	72265	\$395,105
RALPH, DANIEL	NanoScale Science & Technology Facility	NSF	NNCI: CORNELL NANOSCALE SCIENCE AND TECHNOLOGY FACILITY	75870	\$8,000,000
REED, PATRICK M	Civil & Environmental Engineering	PENN STATE	INTEGRATED ASSESSMENT MODEL DEVELOPMENT, COMPARISON, AND DIAGNOSTICS	72397	\$50,907
REISCH, BRUCE I	CALS School of Integrative Plant Science	NY WINE/GRAPE	BREEDING AND EVALUATION OF NEW WINE GRAPE VARIETIES WITH IMPROVED COLD TOLERANCE AND DISEASE RESISTANCE	69282	\$36,256
ROBERSON, MARK S	Biomedical Sciences	DHHS (NIH-NIH NICHD)	EXTRACELLULAR ATP METABOLISM AS A NOVEL REGULATOR OF GONADOTROPE CELL FUNCTION	75436	\$426,250
ROBINSON, RICHARD D	Materials Science Engineering	NSF	CHARACTERIZATION OF ATOMIC DIFFUSION DURING ION EXCHANGE REACTIONS	74962	\$560,000
RODEWALD, AMANDA D	CALS Lab of O - Programs	US INTERIOR (USFW)	ECOLOGICAL SEGREGATION AND SEX-BIASED HABITAT SELECTION IN OVERWINTERING GOLDEN-WINGED AND BLUE- WINGED WARBLERS	76165	\$28,750
ROSE, JOCELYN	Institute Biotechnology & Life Science	USDA (ARS)	GENOMIC ANALYSIS OF PLANT GENETIC LOAD AND DEVELOPMENT	71567	\$545,000
ROSE, JOCELYN	Institute Biotechnology & Life Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	77958	\$19,700
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	DEVELOPMENT OF RAPID APPROACHES FOR QUANTIFYING KEY FLAVOR COMPOUNDS AND THEIR PRECURSORS IN GRAPES	72600	\$111,963
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	AS EASY AS SPELLING SO ₂ – SIMPLIFYING MEASUREMENTS OF MOLECULAR SULFUR DIOXIDE (SO ₂) AND WINE STABILITY IN NEW YORK STATE WINERIES	72607	\$14,514
SACKS, GAVIN	CALS Food Science	NY WINE/GRAPE	GRAPE PROTEIN AND TANNIN RETENTION	75863	\$11,328
SCHAFFER, CHRIS	Biomedical Engineering	US DEPT OF EDU	TRAINING RESEARCHERS AND EDUCATORS IN BIOMEDICAL ENGINEERING	77004	\$738,195
SCHIMENTI, JOHN C	Biomedical Sciences	DHHS (NIH-NIH NICHD)	IDENTIFICATION AND FUNCTIONAL VALIDATION OF HUMAN INFERTILITY ALLELES	75431	\$2,998,075
SCOTT, ROBERT	Cornell Prison Education Program	MELLON	BUILDING AN UPSTATE NEW YORK COLLEGE-IN-PRISON NETWORK	77464	\$1,000,000

SHEN, XILING	Electrical & Computer Engineering	NSF	METABOLIC REPROGRAMMING OF COLON CANCER METASTASIS	75050	\$350,000
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	NSF	COLLABORATIVE RESEARCH: A COMBUSTION-POWERED, FLAPPING-WING MICRO AIR VEHICLE: THE FIREFLY	76028	\$274,151
SHMOYS, DAVID B	Operations Research & Information Engr	NSF	BIKE SHARING LOGISTICS	75882	\$200,000
SINE, WESLEY	Research	U OF VIRGINIA	BATTEN RESEARCH FELLOWSHIP	77873	\$13,000
SMART, LAWRENCE B	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	GENOMICS-ASSISTED BREEDING FOR LEAF RUST (MELAMPSORA) RESISTANCE IN SHRUB WILLOW (SALIX) BIOENERGY CROPS	76153	\$1,000,000
SMART, LAWRENCE B	CALS School of Integrative Plant Science	NSF (NSF BIO)	DIMENSIONS US-CHINA: COLLABORATIVE RESEARCH: SEX CHROMOSOMES AND DIOECY IN PLANTS AS DRIVERS OF MULTI-LEVEL BIODIVERSITY	76580	\$383,840
SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	USDA (USDA APHIS)	NPDN STAR-D PROGRAM EXPANSION	77969	\$60,000
SORRELLS, MARK E	CALS School of Integrative Plant Science	USDA (ARS)	POPULATION GENETIC RESEARCH IN SUPPORT OF BIOINFORMATIC METHODS TO PREDICT SMALL GRAIN FIELD PERFORMANCE	77540	\$43,831
SQUYRES, STEVEN W	Center Astrophysics-Planetary Science	JPL	PHASE E - EXTENDED MISSION - FY 2016	77301	\$1,179,167
STEENHUIS, TAMMO S	CALS Biological & Environmental Engr	U OF CAL (UC DAVIS)	EFFECT OF BREAKING THE RESTRICTIVE LAYER ON HYDROLOGICAL PROCESSES IN THE BIRR WATERSHED, UPPER BLUE NILE BASIN, ETHIOPIA (AZALU A. GESSESS)	76685	\$19,897
SULLIVAN, ROBERT J	Center Astrophysics-Planetary Science	JPL	PHYSICAL AND MECHANICAL PROPERTIES OF MARTIAN SOILS ALONG MARS EXPLORATION ROVER TRAVERSES	77646	\$30,000
THACHIL, ANIL J	Population Medicine & Diagnostic Science	DHHS (FDA)	INVESTIGATING QUALITY OF COMMERCIALY AVAILABLE RAW MEAT DIETS FOR COMPANION ANIMALS	70429	\$5,000
TIFFANY, JENNIFER S	NYC - Cooperative Extension	NYC DOE	HLM STEM PROGRAM	74884	\$90,000
TONG, LANG	Electrical & Computer Engineering	NSF	EAGER:RENEWABLES: REVERSING THE DEATH SPIRAL: SUSTAINABLE INTEGRATION OF RENEWABLES AND STORAGE IN DISTRIBUTION SYSTEMS	77161	\$300,000
TONITTO, CHRISTINA	CALS International Programs	ENVDFUND	IMPROVING THE SCIENTIFIC FOUNDATION FOR GREENING THE FOOD SUPPLY CHAIN	77286	\$102,914
TRAUTMANN, NANCY	CALS Lab of O - Programs	SCSCB	ENGAGING YOUTH IN SCIENCE AND CONSERVATION THROUGH CARIBBEAN BIRDSLEUTH	72219	\$6,468
TUCKER, TERRY	CALS School of Integrative Plant Science	NYS (AGMRKT)	ASSOCIATION OF AGRICULTURAL EDUCATORS	77208	\$66,000
TURNER, ANDREW S	Bronfenbrenner Ctr forTranslational Rsch	USDA (USDA-NIFA)	NEW YORK 4-H YOUTH COMMUNITY ACTION NETWORK	73280	\$135,000
UMRIGAR, CYRUS J	Lab. of Atomic & Solid State Physics	NSF	SI2-SSE: QUANTUM MONTE CARLO SOFTWARE FOR A BROAD ELECTRONIC STRUCTURE RESEARCH COMMUNITY VIA MINIMAL EXPLICIT DEPENDENCY (MED) PROGRAMMING	75933	\$420,798
VAN DE VALK, LAWRENCE	CALS Development Sociology	NAEF	LEAD NEW YORK CLASS 16 STUDY TRIP	77060	\$50,000
WAGNER, BETTINA	Population Medicine & Diagnostic Science	CH BOEHRSOHN (BOEH INGEL)	REACTIVITY OF SERUM SAMPLE FROM ALLERGIC HORSES IN THE US WITH ALLERGENS DERIVED FROM EUROPEAN CULICOIDES MIDGES	75141	\$115,134
WANG, XIAOHONG	CALS School of Integrative Plant Science	U OF MISSOURI	CLE EFFECTOR PEPTIDE SIGNALING IN PLANT-NEMATODE INTERACTIONS	74104	\$312,841

WEATHERSPOON, HAKIM	Computer Science	DEPT COMMERCE (NIST)	SUPERCLOUD: DEPLOYMENT AND MONITORING OF HETEROGENOUS, MULTI-DOMAIN, AND FEDERATED CLOUDS	76666	\$250,000
WHITE, DAVID	CALS Sea Grant	DEPT COMMERCE (NOAA)	GREAT LAKES SEA GRANT NETWORK: INTERNATIONAL GREAT LAKES DATUM OUTREACH	76661	\$17,500
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	DHHS (NIH)	WAVEFRONT SENSOR FOR DEEP IMAGING OF MOUSE BRAIN	76281	\$483,000
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	DHHS (NIH)	OPTIMIZATION OF 3-PHOTON MICROSCOPY FOR LARGE SCALE RECORDING IN MOUSE BRAIN	73015	\$100,000
YOUNG, JUDITH	Industrial & Labor Relations Ext Orgs	USBLN	WALMART FOUNDATION CAREER LINK MENTORING PROGRAM	74116	\$14,994
ZHANG, KE MAX	Mechanical & Aerospace Engineering	NYS (NYSERDA)	NEAR-SOURCE AND REGIONAL AIR QUALITY ASSESSMENTS OF DISTRIBUTED ENERGY RESOURCES IN NEW YORK STATE	75378	\$310,240
ZHANG, KE MAX	Mechanical & Aerospace Engineering	NYS (NYSERDA)	IDENTIFYING EXCESSIVE BFHE EMISSION SOURCES VIA INTEGRATED MONITORING AND MODELING APPROACH	75665	\$275,000
ZHANG, KE MAX	Mechanical & Aerospace Engineering	EPRI	MODELING THE AIR QUALITY IMPACTS OF QUALITY IMPACT OF THE CHP FACILITY AT SUNY-ESF USING SCICHEM	77479	\$25,000
ZHANG, ZHIRU	Electrical & Computer Engineering	US INTERIOR	SCALE-OUT DESIGN AUTOMATION FOR HIGHLY PRODUCTIVE HARDWARE SPECIALIZATION	76526	\$854,542
ZHAO, QING	Electrical & Computer Engineering	ARIZONA STATE U	ONLINE LEARNING AND EXPLOITATION OF THE RADIO FREQUENCY SPECTRUM WITH SUB-NYQUIST SAMPLING	76838	\$192,364
ZHAO, QING	Electrical & Computer Engineering	U OF CAL (UC DAVIS)	NE TS: SMALL: BEATING THE ODDS IN TRAFFIC MEASUREMENTS/DETECTION WITH OPTIMAL ONLINE LEARNING AND ADAPTIVE POLICIES	76837	\$90,888
ZITTER, THOMAS A	CALS School of Integrative Plant Science	USDA (ARS)	UNDERSTANDING THE GLOBAL VIRUS DISTRIBUTION IN TOMATO AND DEVELOPMENT OF TRANSLATIONAL GENOMIC TOOLS TO ACCELERATE BREEDING FOR RESISTANCE: ATCA	66913	\$6,815