

Cornell University, Office of Sponsored Programs
Awards Received in August 2019

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
AGARWAL, RACHIT	Computer Science	NSF	EAGER: COLLABORATIVE RESEARCH: INEXACTNESS AND DATA-AWARENESS IN NETWORK STACKS FOR DISTRIBUTED MACHINE LEARNING	90560	\$150,000
ANDARAWIS-PURI, NELLY	Mechanical & Aerospace Engineering	DHHS (NIH)	THE ROLE OF THE EXTRACELLULAR MATRIX IN SCARLESS TENDON HEALING	79120	\$77,958
ANDERSON, ADAM	Human Development	DHHS (NIH)	CANARY IN A COAL MINE: LOCUS COERULEUS, NOREPINEPHRINE SIGNALING AND DEMENTIA	85606	\$7,128
ANDRES, JOSE A.	CALS Ecology & Evolutionary Biology	NYS (NYS DEC)	DEVELOPMENT OF ENVIRONMENTAL DNA TOOLS FOR THE EARLY DETECTION OF THE HIGHLY INVASIVE AQUATIC PLANT HYDRILLA VERTICILLATA.	89364	\$100,000
ANGERT, ESTHER R	CALS Microbiology	AUCKLAND	MICROBIAL CONVERSION OF KELP TO HIGH NITROGEN PLANT AND ANIMAL FEEDS	86379	\$261,273
ARCHER, LYNDEN A	Chemical & Biomolecular Engineering	NSF	PFI-TT: ARTIFICIAL INTERPHASES FOR LITHIUM METAL BATTERIES	88871	\$250,000
AUGUST, AVERY	Microbiology and Immunology	DHHS (NIH)	IMMUNO-ENGINEERING: INTEGRATED ENGINEERING AND IMMUNOLOGY TRAINING	83716	\$8,500
BANFIELD, DONALD	Center Astrophysics-Planetary Science	NASA (JPL)	DON BANFIELD'S PARTICIPATION IN INSIGHT MISSION: CREI	70498	\$1,000
BANFIELD, DONALD	Center Astrophysics-Planetary Science	NASA (JPL)	DON BANFIELD'S PARTICIPATION IN INSIGHT MISSION: CREI	70498	\$685,747
BASKIN, JEREMY M	Weill Institute	DHHS (NIH-NIH NIGMS)	PHOSPHOINOSITIDE-BINDING PROTEINS AS REGULATORS OF UBIQUITINATION AND WNT SIGNALING	85795	\$118,493
BATTAGLIA, NICHOLAS	Center Astrophysics-Planetary Science	NSF (NSF MPS)	OBSERVATIONS TO CONSTRAIN THE ORIGINS OF HOT GAS BETWEEN GALAXIES AND CLUSTERS OF GALAXIES ACROSS COSMIC TIME	88711	\$353,116
BEAN, RACHEL E	Center Astrophysics-Planetary Science	DOE	MAXIMIZING LSST AND MS-DESI'S IMPACT ON DARK SECTOR AND INFLATIONARY PHYSICS	71486	\$75,000
BEHLING-KELLY, ERICA L	Population Medicine & Diagnostic Science	USDA (USDA-NIFA)	DIET MODIFICATION TO IMPROVE THE ANTI-INFLAMMATORY ACTIONS OF HIGH DENSITY LIPOPROTEINS AND REDUCE INFLAMMATION IN A BOVINE MASTITIS MODEL	87614	\$465,000
BERNEY, DONN H	Preservation/Conservation	NYS LIBRARY	2019-20 CONSERVATION & PRESERVATION STATUTORY AID	89523	\$149,455
BIHN, ELIZABETH	CALS Food Science	USDA (AMS)	CONTINUATION OF THE PRODUCE SAFETY ALLIANCE (FEDERAL FISCAL YEARS 2018 THROUGH 2022)	87620	\$801,170
BLOCK, WILLIAM	Cornell Inst for Social & Econ Research	YALE	IMPLEMENTING A DATA CURATION FOR REPRODUCIBILITY (DATA CURE) TRAINING PROGRAM	89546	\$60,052
BONNEY, RICHARD E	CALS Lab of O - Programs	NSF (NSF EHR)	COLLABORATIVE RESEARCH: EXAMINING CONTEXTUAL FACTORS INFLUENCING THE IMPLEMENTATION OF PROJECTS DESIGNED TO IMPROVE CULTURAL DIVERSITY IN INFORMAL STEM PROGRAMMING	72627	\$179,946
CASTELHANO, MARTA G.	Clinical Sciences	A2LA	A2LA TECHNICAL EXPERT SPONSORSHIP AGREEMENT (LARA MOUTTHAM): TRAVEL SPONSORSHIP AGREEMENT	90882	\$2,320
CLARK, ANDREW G	Molecular Biology and Genetics	PRINCETON U	IMPROVED METHODS FOR INFERENCE OF GENOTYPE-SPECIFIC RESPONSE TO ENVIRONMENTAL TOXINS	88601	\$1,281,202
COATES, GEOFFREY	Chemistry and Chemical Biology	EXXONMOBIL	POLYLACTONES FROM SIMPLE OLEFINS	83647	\$140,000
COFFMAN, W. RONNIE	CALS International Programs	USDA (FAS)	BORLAUG FELLOWSHIP - 2019 KENYA (ALFAYO)	90433	\$49,935

COHEN, ITAI	Lab. of Atomic & Solid State Physics	NSF (NSF MPS)	COLLABORATIVE RESEARCH: DECODING AND ENCODING MECHANISTIC RELATIONS BETWEEN STRUCTURE AND FUNCTION IN CRACK RESISTANCE OF ARTICULAR CARTILAGE AND CARTILAGE INSPIRED BIOMATERIALS	85058	\$100,000
COHEN, ITAI	Lab. of Atomic & Solid State Physics	NSF (NSF MPS)	DMREF: COLLABORATIVE RESEARCH: DIGITAL MAGNETIC HANDSHAKE MATERIALS, STRUCTURES AND MACHINES	89228	\$1,110,640
CZYMEK, KARL J	CALS Animal Science	NYS (NYS DEC)	DAIRY COMPREHENSIVE NUTRIENT MANAGEMENT PLAN AND ENGINEER DESIGNS FOR CNMP RELATED PRACTICES FUNDING PROGRAM. (DAIRY ACCELERATION PROGRAM - DEC)	84334	\$2,633,884
DANFORTH, BRYAN N	CALS Entomology	NSF (NSF BIO)	COLLABORATIVE RESEARCH: THE BROOD CELL MICROBIOME OF SOLITARY BEES: ORIGIN, DIVERSITY, FUNCTION, AND VULNERABILITY	89625	\$612,961
DANIEL, SUSAN	Chemical & Biomolecular Engineering	NSF	COLLABORATIVE RESEARCH: EAGER: UNCOVERING THE ROLE OF GOLGI ORGANIZATION ON FUNCTION	89844	\$183,110
DANKO, CHARLES G	Baker Institute for Animal Health	DHHS (NIH-NIH NIAID)	HOST-PATHOGEN INTERACTIONS DRIVE REGULATORY EVOLUTION OF THE ANTHRAX TOXIN RECEPTOR	86646	\$82,992
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	BALL HORTICULTURAL	SPONSORED TESTING AGREEMENT	90947	\$6,000
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	SYNGENTA INTRNL (SYNGENTA CP)	SPONSORED PRODUCT TESTING AGREEMENT	90797	\$8,000
DE VLAMINCK, IWIJN	Biomedical Engineering	WCM	MULTISCALE INVESTIGATION OF MATERNAL PLASMA TO DEVELOP PROGNOSTIC BIOMARKERS OF PREECLAMPSIA	90520	\$25,000
DEGAETANO, ARTHUR T	CALS Earth and Atmospheric Science	DEPT COMMERCE (NOAA)	THE NORTHEAST REGIONAL CLIMATE CENTER	79436	\$135,660
DICK, ROBERT A	CALS Molecular Biology & Genetics	DHHS (NIH)	RETROVIRUS STRUCTURE AND ASSEMBLY WITH INOSITOL PHOSPHATES	89050	\$1,570,000
DOELLGAST, VIRGINIA L	Labor Relations, Law, & History	ISR	POWER, STRUCTURE AND TECHNOLOGY, NO. 295914 /S20	90708	\$11,472
DOUGLAS, ANGELA	CALS Entomology	GREENWICH (NRI)	RENEWAL: AFRICAN CASSAVA WHITEFLY - PHASE II	87581	\$445,591
EALICK, STEVEN E	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	NE-CAT: A RESOURCE FOR ADVANCED MACROMOLECULAR CRYSTALLOGRAPHY	81536	\$2,162,469
EL MOUTAMID, MARYAME EL	Center Astrophysics-Planetary Science	NASA (NSSC)	USING RING WAVES TO CONSTRAIN THE RING'S MASS DISTRIBUTION AND THE PLANET'S INTERIOR	87155	\$342,213
ERICKSON, DAVID C	Mechanical & Aerospace Engineering	U OF HOUSTON	A BIOMARKER PANEL BASED SMART MINI-ARRAY SYSTEM FOR THE HOMECARE OF AUTOIMMUNE KIDNEY DISEASES	87008	\$593,994
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	\$55,000
FERRARI, SILVIA	Mechanical & Aerospace Engineering	DOD (AF-AFOSR)	SPIKE-BASED LEARNING AND CONTROL FOR MULTIMODAL AGILE SENSORY INTEGRATION AND BEHAVIOR	90452	\$416,443
FERRARI, SILVIA	Mechanical & Aerospace Engineering	GEORGIA TECH	A UNIFIED FRAMEWORK FOR DECENTRALIZED MULTI-AGENT PERCEPTION AND PLANNING VIA FINITE-SET STOCHASTIC OPTIMAL CONTROL	86251	\$600,000
FUCHS, MARC	CALS School of Integrative Plant Science	USDA (USDA APHIS)	DEVELOPING AN EASTERN NCPN-GRAPE CENTER - FY19	88189	\$149,608
FULTON, PATRICK	Earth & Atmospheric Sciences	COLUMBIA U	PARTICIPATION OF PATRICK FULTON ON EXPEDITION 375	89441	\$43,024
GOODMAN, LAURA B	Population Medicine & Diagnostic Science	DHHS (FDA)	CAPACITY FOR CARB WGS SURVEILLANCE AT CORNELL AHDC	89834	\$375,030
GROSSMAN, YUVAL	Cornell Lab Accelerator Sciences & Ed	BSF	GETTING THE MOST OUT OF PRESENT COLLIDERS	88660	\$75,000
GU, APRIL	Civil & Environmental Engineering	DC WATER	COMBINING NITRITE-SHUNT/ANAMMOX PROCESS WITH SIDESTREAM EBPR PROCESS FOR SIMULTANEOUS AND SUSTAINABLE NITROGEN AND PHOSPHORUS REMOVAL	90525	\$10,000
HADAD, ROBERT G	CALS Cornell Cooperative Extension	NOFA-NY	EXPANDING FOOD SAFETY OUTREACH AND EDUCATION TO SMALL AND MID-SIZED FARMS IN NEW YORK AND VERMONT	80265	\$18,401

HAJEK, ANN E	CALS Entomology	USDA (USDA APHIS)	DEVELOPING A FUNGAL BIOPESTICIDE FOR CONTROL OF ASIAN LONGHORNED BEETLES – PHASE 2	89861	\$50,000
HANSON, MAUREEN R	CALS Molecular Biology & Genetics	DOE	CHARACTERIZING RUBISCO BY PHYLOGENY-INFORMED MUTAGENESIS	88892	\$603,715
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	NASA (NSSC)	THE GEOMORPHOLOGY AND COMPOSITION OF TITAN'S SURFACE: COMBINING THE SPATIAL INFORMATION OF CASSINI RADAR WITH THE SPECTRAL INFORMATION OF CASSINI VIMS	86033	\$45,000
HAYES, GALINA M.	Clinical Sciences	ACVECC	BEFORE AND AFTER PARALLEL GROUP CONTROLLED TRIAL INVESTIGATING THE EFFECTS OF A BUNDLED ANTI-BURNOUT INTERVENTION MEASURE ON BURNOUT SEVERITY IN VETERINARY TECHNICIANS	89333	\$9,990
HELBLING, DAMIAN E	Civil & Environmental Engineering	DOD (ARMY-ACE)	RATIONAL DESIGN AND IMPLEMENTATION OF NOVEL POLYMER ADSORBENTS FOR SELECTIVE UPTAKE OF PER- AND POLYFLUOROALKYL SUBSTANCES FROM GROUNDWATER	82296	\$30,842
HILGARTNER, STEPHEN H	Science and Technology Studies	NSF	ETHICS-IN-THE-MAKING: CHANGING PRACTICES IN DATA SCIENCE	89488	\$352,121
HOLMES, NATASHA GRACE	Lab. of Atomic & Solid State Physics	NSF	STUDYING EQUITY IN UNDERGRADUATE PHYSICS LABS	86536	\$300,000
HOSKINS, SUSAN B	CALS School of Integrative Plant Science	NYS (AGMRKT)	AGRICULTURAL DISTRICTS MAPPING PROGRAM (2019-2020)	89007	\$95,000
HYSELL, DAVID L	Earth & Atmospheric Sciences	NSF	SPACE WEATHER AND THE JICAMARCA RADIO OBSERVATORY	82350	\$587,419
IFFT, JENNIFER E	CALS AEM	CALPOLY	IMMIGRATION REFORM AND FARM LABOR SHORTAGE	87822	\$88,370
JUSTICE, DEBORAH RUTH	Music	MID ATLANT ARTS	JAZZ TOURING NETWORK: STEFON HARRIS AND BLACKOUT	90873	\$1,600
JUSTICE, DEBORAH RUTH	Music	MID ATLANT ARTS	JAZZ TOURING NETWORK: MARLOW ROSADO LATIN JAZZ ENSEMBLE	90872	\$1,400
KE, AILONG	Molecular Biology and Genetics	DHHS (NIH)	MECHANISTIC INVESTIGATION OF RNA-MEDIATED GENE REGULATION AND IMMUNITY	76899	\$150,282
KLEINBERG, JON	Computer Science	BSF	AN ALGORITHMIC APPROACH TO COGNITIVE BIASES IN PLANNING	88714	\$44,000
KLEINBERG, JON	Computer Science	DOD (NAVY-ONR)	BRIDGING LEVELS OF SCALE IN LARGE SOCIAL AND INFORMATION NETWORKS	88779	\$2,998,514
KOREN, AMNON	CALS Molecular Biology & Genetics	FPWR	ALLELE-SPECIFIC DNA REPLICATION TIMING OF THE PRADER-WILLI LOCUS AND ITS INFLUENCE ON NEURONAL DEVELOPMENT	90058	\$54,000
LAI, DONG	Center Astrophysics-Planetary Science	NASA (NSSC)	DYNAMICAL EVOLUTION OF MULTI-PLANET SYSTEMS	82632	\$45,000
LANCASTER, KYLE	Chemistry and Chemical Biology	NSF	COLLABORATIVE RESEARCH: ELUCIDATING THE INFLUENCE OF METAL BINDING ON ELECTRONIC/GEOMETRIC STRUCTURE-FUNCTION RELATIONSHIPS IN PHOTORESPIRATION	88437	\$445,046
LEHMANN, JOHANNES	CALS School of Integrative Plant Science	ROULLIER GROUP (AGRO-INNOVATION INTERNATIONAL)	FELLOWSHIP AGREEMENT	90583	\$15,000
LEWIS, MARK E	Diversity and Faculty Development	SLOAN	CORNELL UCEM SLOAN SCHOLARS PROGRAM	90855	\$1,200,000
LIN, SONG	Chemistry and Chemical Biology	DHHS (NIH-NIH NIGMS)	AN ELECTROCATALYTIC APPROACH TO DISCOVERING NEW SYNTHETIC TRANSFORMATIONS	86043	\$179,434
LOHMAN, ROWENA	Earth & Atmospheric Sciences	USC	ADVANCING SIMULATIONS OF SEQUENCES OF EARTHQUAKES AND ASEISMIC SLIP (SEAS)	88684	\$37,000
MARSCHNER, STEPHEN R	Computer Science	NSF	CHS: SMALL: A WAVE OPTICS FOUNDATION FOR PREDICTIVE MATERIALS IN COMPUTER GRAPHICS	88638	\$499,763
MCCOMAS, KATHERINE A	CALS Communication	ENVDFUND	ASSESSING THE INFLUENCE OF COASTAL RISK PERCEPTIONS ON RESPONSES TO CLIMATE CHANGE	90285	\$115,944

MCDONALD, ANDREW J	CALS School of Integrative Plant Science	CIMMYT	BUILDING A SOIL INTELLIGENCE SYSTEM FOR INDIA (INDIA-SIS)	89872	\$48,121
MCGRATH, MARGARET T	CALS School of Integrative Plant Science	PENN STATE	REGIONAL APPROACH TO CUCURBIT DOWNY MILDEW PREVENTION, MONITORING AND MANAGEMENT	84697	\$22,000
MILLER, ALLISON	Biomedical Sciences	SUNY	USING ADAPTIVE LEARNING TECHNOLOGY TO ADVANCE CLINICAL COMPETENCY IN PERFORMANCE AND INTERPRETATION OF EQUINE MUSCULOSKELETAL ULTRASOUND OF THE DISTAL LIMB	89542	\$20,000
MILLER, DENNIS D	CALS Food Science	USDA (ARS)	MICRONUTRIENT BIOAVAILABILITY OF FOODS	80570	\$93,354
MILLER, MATTHEW P	Cornell Lab Accelerator Sciences & Ed	DOD (AF-AFL)	MATERIALS SOLUTIONS NETWORK AT CHESS (MSN-C)	89396	\$7,086,598
MILLER, WILLIAM	CALS School of Integrative Plant Science	GLOECKNER FDN	MICROBIAL IMPACTS ON WATER UPTAKE IN CUT LILIES	86570	\$9,000
MOLNAR, ALYOSHA	Electrical & Computer Engineering	PORTMANTEAU	ANALOG-DIGITAL HYBRID ASIC IMPLEMENTATION OF MINIATURIZED NEURAL NETS: SBIR	87244	\$60,538
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	ARGONNE	CMB-S4 LAT SIDELOBE MODELLING	90588	\$69,984
NIEMACK, MICHAEL D	Cornell Lab Accelerator Sciences & Ed	FERMILAB	CMB-S4 R&D: LARGE-APERTURE CRYOSTAT DESIGN OPTIMIZATION	90823	\$73,502
NING, YANG	Statistical Science	NSF	CDS&E: GRAPH-BASED LEARNING AND UNCERTAINTY QUANTIFICATION FOR LARGE-SCALE COMPLEX DATA	87959	\$296,179
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS NEA)	ACQUISITION OF GOODS AND SERVICES (058-8060-9-007) GGRU	90832	\$7,700
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES (058-8060-9-008) FACILITIES	90834	\$58,960
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS NEA)	ACQUISITION OF GOODS AND SERVICES (058-8060-9-006) PGRU	90838	\$39,248
NYROP, JAN P	CALS PGRU/GGRU	USDA (ARS NEA)	ACQUISITION OF GOODS AND SERVICES (058-8060-9-005) ROOTSTOCK	90837	\$5,500
OBER, CHRISTOPHER K	NanoScale Science & Technology Facility	NSF (NSF ENG)	MRI: ACQUISITION OF NANOSCRIBE PHOTONIC PROFESSIONAL GT2 3D LITHOGRAPHY SYSTEM FOR INTERDISCIPLINARY NANOSCIENCE RESEARCH AND TRAINING	89051	\$395,434
OCHS, MARY A	Mann Library	AGRA	AGRA KNOWLEDGE MANAGEMENT SYSTEM - 2ND PHASE	90119	\$41,857
OLMSTEAD, DANIEL LUCAS	CALS School of Integrative Plant Science	COLORADO ST U	LICENSE - UVMRP CLIMATOLOGICAL NETWORK SITE	75804	\$12,500
PECK, MASON	Mechanical & Aerospace Engineering	NASA (NSSC)	NASA / NEW YORK SPACE GRANT CONSORTIUM: NATIONAL SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM 2015-2018	76156	\$45,600
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	LOVE BEETS	TRANSFORMATION OF THE NEW YORK TABLE BEET INDUSTRY THROUGH DIGITAL AGRICULTURE (AGRICULTURAL PRODUCTION CHALLENGES)	87293	\$36,953
PINGALI, PRABHU L	CALS AEM	WF	FPO LED SMALL FARM MARKET ACCESS MODELS FOR FUTURE FOOD SYSTEMS IN INDIA	90589	\$1,000,000
PORCIELLO, JARON A	CALS International Programs	IISD	CERES2030: SUSTAINABLE SOLUTIONS TO END HUNGER PATHWAYS TO SUCCESS IN NYC	90123	\$549,777
POWERS, JANE	Bronfenbrenner Ctr for Translational Rsch	HEALTH RESEARCH	STATION CONSISTING OF ULTRA-VIOLET, RANGE C, LIGHT EMITTING DIODES AND MERCURY LAMPS FOR COMPLETE DISINFECTION OF MOBILE MEDICAL EQUIPMENT	87606	\$175,175
PROTASENKO, VLADIMIR VLADIMIROVICH	Electrical & Computer Engineering	NSF	ENTERING/EXITING HOSPITAL ROOMS	88917	\$250,000
RAHM, BRIAN GRAMLICH	CALS Biological & Environmental Engr	SYRACUSE U	RURAL RESILIENCE: ECONOMIC DEVELOPMENT, WATER RESOURCES, AND INFRASTRUCTURE (TAT 2018)	89894	\$24,998

RAMAN, KANDUKURI	CALS International Programs	GATES FDN	CURRICULUM INTERVENTION FOR INDIAN AGRICULTURAL UNIVERSITIES FOR INCLUSION OF AREAS OF STRATEGIC INTEREST INCLUDING NUTRITION, MARKET LINKAGES AND FOOD SYSTEMS	90333	\$399,944
RAMSHAW, BRAD JARED	Lab. of Atomic & Solid State Physics	DOE	ULTRASONIC DETERMINATION OF ELECTRON VISCOSITY AND HYDRODYNAMIC EFFECTS IN METALS	89961	\$819,679
ROBBINS, KELLY R	CALS School of Integrative Plant Science	NAFA	EVALUATING APPROACHES TO HIGH THROUGHPUT PHENOTYPING AND GENOTYPING FOR GENOMIC SELECTION IN ALFALFA	90423	\$36,811
RODEWALD, AMANDA D	Atkinson Center for a Sustainable Future	ASI BURSARY	LEVERAGING SEABIRD DIET DATA FOR THE SUSTAINABLE MANAGEMENT OF COASTAL ECOSYSTEMS	90517	\$481
RODEWALD, AMANDA D	Atkinson Center for a Sustainable Future	ASI BURSARY	LEVERAGING SEABIRD DIET DATA FOR THE SUSTAINABLE MANAGEMENT OF COASTAL ECOSYSTEMS	90517	\$6,727
ROSE, JOCELYN	CALS School of Integrative Plant Science	USDA (ARS)	HIGH THROUGHPUT PHENOTYPING OF ROOT ARCHITECTURE TRAITS	87819	\$20,000
ROSE, JOCELYN	CALS School of Integrative Plant Science	USDA (ARS)	ROLE OF ROOT SYSTEM ARCHITECTURE AND FUNCTION IN IMPROVING CROP NUTRIENT AND WATER EFFICIENCY	80765	\$58,637
RUDD, BRIAN D	Microbiology and Immunology	DHHS (NIH-NIH NIAAA)	FETAL ALCOHOL EXPOSURE AND IMMUNE ONTOGENY	88774	\$415,199
RUSH, ALEXANDER MATTHEW	JTC Research	SONY USA	VISUALLY INTERACTIVE NEURAL PROBABILISTIC MODELS OF LANGUAGE	90915	\$100,000
SAMARANAYAKE, SAMITHA	Civil & Environmental Engineering	NSF	UNCERTAINTY AWARE ROUTING IN STOCHASTIC TRANSPORTATION NETWORKS WITH CORRELATED LINK TRAVEL-TIMES	87774	\$174,999
SAMPSON, ADRIAN LEWIS DEQUINE	Computer Science	NSF	SHF: SMALL: COLLABORATIVE RESEARCH: SOFTWARE-DEFINED IMAGING FOR ENERGY-EFFICIENT VISUAL COMPUTING	88322	\$166,000
SAVRANSKY, DMITRY	Mechanical & Aerospace Engineering	STANFORD U	CHARACTERIZING EXTRASOLAR PLANETARY SYSTEMS WITH THE WFIRST CORONAGRAPH	77923	\$96,615
SCHEINBERG, KATYA	Operations Research & Information Engr	LEHIGH U	COLLABORATIVE RESEARCH: TRIPODS INSTITUTE FOR OPTIMIZATION AND LEARNING	90445	\$170,000
SCHLOM, DARRELL	Materials Science Engineering	AMBATURE	GROWTH OF A-AXIS YBA2CU3O7 / PRBA2CU3O7 / YBA2CU3O7 TRILAYER: GATEWAY II	90856	\$250,000
SCHLOM, DARRELL	Materials Science Engineering	DOE	CREATING RELAXOR FERROELECTRICS WITHOUT DISORDER - BY DESIGN: SISGR: USING INTERFACES TO CREATE STRONGLY-COUPLED MAGNETIC-FERROELECTRICS	59070	\$1,460,000
SCHLOM, DARRELL	Materials Science Engineering	NSF	MRI: ACQUISITION OF A QUANTUM DESIGN MAGNETIC PROPERTY MANAGEMENT SYSTEM (MPMS)	89049	\$577,500
SCHRYVER, THOMAS	Center for Economic Advancement	DEPT COMMERCE (EDA)	REV: PROTOTYPE TO PRODUCTION SUPPORTING EARLY STARTUPS MOVE INTO VOLUME PRODUCTION	89746	\$750,000
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$18,750
SCHRYVER, THOMAS	Center for Economic Advancement	NEXTCORP	MANUFACTURING CORPS (M-CORPS) PILOT PROGRAM	84217	\$138,000
SEGUIN, REBECCA	Nutritional Sciences	NYS (AGMRKT)	FARMERS' MARKET NUTRITION PROGRAM CORNELL COOPERATIVE EXTENSION OUTREACH	90763	\$49,997
SETHNA, JAMES P	Lab. of Atomic & Solid State Physics	NSF	EXPLOITING EMERGENT SCALE INVARIANCE	81709	\$300,000
SHEPHERD, ROBERT F	Mechanical & Aerospace Engineering	LLNL	3D PRINTING TOUGH SILICONE	90428	\$40,000
SHMATIKOV, VITALY	Tech Research	NSF	SATC: CORE: SMALL: DETECTING AND MITIGATING UNINTENDED LEARNING	88997	\$499,997
SMITH, MICHELLE K.	Ecology and Evolutionary Biology	NSF	DEVELOPMENT OF THE BIOLOGY LAB INVENTORY OF CRITICAL THINKING FOR ECOLOGY (ECO-BLIC)	88627	\$299,997

SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	USDA (USDA APHIS)	NPDN AND STATE DIAGNOSTICIAN PREPAREDNESS TRAINING THROUGH THE USDA-APHIS-BELTSVILLE LABORATORY AND OTHER EXPERTS	88092	\$101,699
SPITZ, JUDITH ANN TEUKOLSKY, SAUL A	JTC Instruction Center Astrophysics-Planetary Science	PIVOTAL NSF (NSF CISE)	MULTI-CITY WITNY EXPANSION ELEMENTS: COLLABORATIVE PROPOSAL: A TASK-BASED CODE FOR MULTIPHYSICS PROBLEMS IN ASTROPHYSICS AT EXASCALE	90620 89612	\$20,000,000 \$291,894
TIFFANY, JENNIFER S TRUMMER, IMMANUEL	NYC - Cooperative Extension Computer Science	NYS (AGMRKT) NSF	2019-2020 FARMER'S MARKET NUTRITION PROGRAM III: SMALL: REGRET-BOUNDED QUERY EVALUATION VIA REINFORCEMENT LEARNING	90719 88686	\$49,999 \$499,999
WALTER, MICHAEL TODD	CALS Biological & Environmental Engr	PENN STATE	METATRANSCRIPTOME AND REDOX SIGNATURES OF MICROBIALLY CATALYZED PHOSPHORUS MOBILIZATION IN AGRICULTURAL LANDSCAPES	87730	\$189,454
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	NSF	PFI-TT: BRINGING OPEN SOURCE INNOVATION AND RESILIENT HYDRAULIC DESIGNS TO MUNICIPAL DRINKING WATER TREATMENT INFRASTRUCTURE	89100	\$250,000
WHITMORE, MARK C	CALS Natural Resources	USDA (FOREST)	NEW YORK HEMLOCK INITIATIVE COOPERATIVE FORESTRY PROTECTION PROJECT	89608	\$157,630
WIEDMANN, MARTIN	CALS Food Science	PENN STATE	DEVELOPMENT OF INTEGRATED FUNCTIONAL GENOMICS-BASED APPROACHES FOR BACILLUS CEREUS EXPOSURE ASSESSMENT	87542	\$35,000
WILLIAMSON, DAVID	Operations Research & Information Engr	NSF	AF: SMALL: LOOKING UNDER ROCKS: A SEARCH FOR A PROVABLY STRONGER TSP RELAXATION	88524	\$105,587
WILSON, ANDREW GORDON	Operations Research & Information Engr	NSF	RI: SMALL: SCALABLE ONLINE LEARNING WITH GAUSSIAN PROCESSES	88637	\$399,061
XU, CHRIS (CHUNHUI)	Applied & Engineering Physics	NSF	CORNELL NEUROTECHNOLOGY HUB FOR LARGE SCALE, NONINVASIVE RECORDING OF NEURAL ACTIVITY	81097	\$3,600,000
YAPICI, NILAY	Neurobiology and Behavior	DHHS (NIH)	MOLECULAR AND NEURAL MECHANISMS REGULATING FORAGING AND FOOD INTAKE	88173	\$2,006,003
YU, HAIYUAN	Weill Institute	DHHS (NIH-NIH NIGMS)	QUANTIFYING MOLECULAR CONSEQUENCES OF HUMAN MISSENSE VARIANTS WITH LARGE-SCALE INTERACTOME PERTURBATION STUDIES	82513	\$238,632
ZAMUDIO, KELLY R	Ecology and Evolutionary Biology	SCB	LEVERAGING THE PAST TO PRESERVE THE FUTURE: FINDING A LITMUS TEST FOR AMPHIBIAN DISEASE RESISTANC	87913	\$7,115