

**Cornell University, Office of Sponsored Programs  
Awards Received in September 2022**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
Abruna, Hector	Center for Alkaline Based Solutions	United States Department of Energy	CENTER FOR ALKALINE-BASED ENERGY SOLUTIONS (CABES)	85989	\$11,420,000
Alani, Eric	CALS Molecular Biology & Genetics	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences)	ROLES FOR MISMATCH REPAIR PROTEINS IN MAINTAINING GENOME STABILITY	89135	\$167,974
Babonis, Leslie	Ecology and Evolutionary Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	GENE REGULATION AND THE ORIGIN OF NEW CELL TYPES	141670	\$1,962,500
Baptist, Edward	Cornell Center for Social Sciences	Institute of Museum and Library Services (Through: The Whitney Institute)	EXHIBITING RESISTANCE: FREEDOM ON THE MOVE AT THE WHITNEY PLANTATION MUSEUM	142465	\$75,844
Bigler, Esta	Labor & Employment Law	NYS -> New York State Department of Labor	FY22 CORNELL CANNABIS WORKFORCE INITIATIVE - C21230GG	142642	\$250,000
Bogdanove, Adam	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	GENOMIC AND MOLECULAR CHARACTERIZATION OF BACTERIAL STRATEGIES USED IN PLANT PATHOGEN INTERACTIONS	141808	\$267,542
Bonassar, Lawrence	Biomedical Engineering	NSF -> NSF Directorate for Engineering	COLLABORATIVE RESEARCH: RECODE: ON-LINE FEEDBACK CONTROL OF HUMAN MESENCHYMAL STEM CELL CHONDROGENESIS	143551	\$300,000
Brito, Ilana	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	HIGH-RESOLUTION MAPPING OF BACTERIAL TRANSCRIPTIONAL RESPONSES IN HUMAN-ASSOCIATED MICROBIOTA	141914	\$1,283,212
Bronin, Sara	City and Regional Planning	GMU -> Mercatus Center	NATIONAL ZONING ATLAS - TRAINING VIDEOS	146676	\$11,000
Brown-Lima, Carrie	CALS Natural Resources	NYS -> New York State Energy Research and Development Authority (Through: Eastern Research Group Inc)	NEW YORK STATE CLIMATE IMPACTS ASSESSMENT: TECHNICAL WORKGROUP	144669	\$5,000
Buck, Elizabeth	CALS Cornell Cooperative Extension	USDA -> USDA National Institute of Food and Agriculture (Through: University of Vermont)	IMPROVING PRODUCTION PRACTICES FOR THREE NICHE CROPS IN RESPONSE TO SHIFTING CLIMATIC OPPORTUNITIES	144487	\$21,470
Butcher, Jonathan	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Heart, Lung, and Blood Institute	USE OF TISSUE ENGINEERED HEART VALVES TO STUDY CALCIFIC AORTIC VALVE DISEASE	142610	\$93,504
CHEN, Prof., Peng	Chemistry and Chemical Biology	United States Department of Energy	CHEMICAL IMAGING OF SINGLE-PARTICLE PHOTOELECTROCATALYSIS	61882	\$575,000
Calixto, Alejandro	CALS NYS Integrated Pest Management	Environmental Defense Fund Inc	A SYNTHESIS OF RESEARCH ON THE IMPACTS OF CLIMATE CHANGE ON PESTS AND INTEGRATED PEST MANAGEMENT PRACTICES IN AGRICULTURAL AREAS IN THE NORTHEAST OF THE US.	146961	\$20,000
Casteel, Clare	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	PHYTOPATHOGENIC BACTERIA BIOLOGY, DIAGNOSTICS, EPIDEMIOLOGY, AND CONTROL	141790	\$171,467

Cerione, Richard	Cornell Lab Accelerator Sciences & Ed	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences)	MACCHESS SYNCHROTRON SOURCE FOR STRUCTURAL BIOLOGY	88304	\$208,679
Cha, Judy	Materials Science Engineering	Gordon and Betty Moore Foundation	EPIQS SYNTHESIS INVESTIGATOR	145817	\$1,318,048
Cha, Judy	Materials Science Engineering	NSF -> NSF Directorate for Mathematical and Physical Sciences	IN SITU TEM MECHANICAL MOLDING OF INTERMETALLIC NANOWIRES	145847	\$417,807
Cha, Judy	Materials Science Engineering	NSF -> NSF Directorate for Engineering	CAREER: ELECTRONIC TRANSPORT AND INTERFACIAL EFFECTS ON ELECTROCHEMICAL HYDROGEN EVOLUTION REACTION FOR TRANSITION METAL DICHALCOGENIDES	145845	\$187,074
Cleland, Thomas	Psychology	NSF -> NSF Directorate for Engineering	EFRI BRAID: RAPID CONTEXTUAL LEARNING IN RESILIENT AUTONOMOUS SYSTEMS	143935	\$1,999,997
Coates, Geoffrey	Chemistry and Chemical Biology	United States Department of Energy (Through: Argonne National Laboratory)	JOINT CENTER FOR ENERGY STORAGE RESEARCH (JCESR)	86911	\$307,044
Dando, Robin	CALS Food Science	USDA -> USDA Agricultural Marketing Service	IMPROVING THE RESILIENCE OF THE MAPLE INDUSTRY IN A WARMING CLIMATE THROUGH REVISED SAP HARVESTING PRACTICES AND INCREASED UNDERSTANDING OF SENSORY CHARACTERISTICS AND CONSUMER PREFERENCES FOR LATE SE	144706	\$499,549
Daniel, Susan	Chemical & Biomolecular Engineering	National Science Foundation	NATIONAL I-CORPS TEAM - CELL-FREE BIOSENSORS	144952	\$50,000
Daughtrey, Margery	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	DISCOVERY AND MANAGEMENT OF DISEASES OF FLORICULTURE CROPS	88014	\$79,931
De Jong, Walter	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	DEVELOPING NOVEL TOOLS TO COMBAT DEVASTATING POTATO PATHOGENS - CORNELL	146929	\$12,000
De Jong, Walter	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	DEVELOPMENT AND RELEASE OF GOLDEN NEMATODE RESISTANT POTATOES	137585	\$141,450
De Jong, Walter	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	IDENTIFICATION AND CHARACTERIZATION OF GENES THAT CONTROLS NUTRITIONAL QUALITY TRAITS IN FRUITS AND VEGETABLES (59-8062-2-004)	146972	\$77,550
DeLisa, Matthew	Chemical & Biomolecular Engineering	HHS -> PHS -> National Institutes of Health	MOLECULAR TOOLKIT FOR HIGH CONTENT RESOLUTION OF THE SPATIOTEMPORAL GLYCOME	90306	\$40,563
Degaetano, Arthur	CALS Earth and Atmospheric Science	USDA -> USDA US Forest Service	CLIMATE-SMART TOOLS FOR TSCAN AND SCAN AND DAIRY FARMERS	145209	\$50,000
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	NORTHEAST REGIONAL CLIMATE CENTER - TASK 5	146070	\$141,534
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	NORTHEAST REGIONAL CLIMATE CENTER - TASK 6	146073	\$118,724
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	NORTHEAST REGIONAL CLIMATE CENTER - TASK 7	146072	\$99,713
Deitcher, David	Neurobiology and Behavior	HHS -> PHS -> NIH -> NIH National Institute of Neurological Disorders and Stroke (Through: University of Pittsburgh)	COMPARTMENTAL, RHYTHMIC AND PLASTIC NEUROPEPTIDE RELEASE	138982	\$358,800
DiStasio, Robert	Chemistry and Chemical Biology	National Science Foundation (Through: Regents of the University of Minnesota)	NSF CENTER FOR SUSTAINABLE POLYMERS	92904	\$28,500

DiTommaso, Antonio	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-2-004)	146711	\$990
Ealick, Steven	Chemistry and Chemical Biology	Roche -> Genentech Inc	GENENTECH MEMBERSHIP AGREEMENT	91191	\$66,667
Erickson, David	Mechanical & Aerospace Engineering	HHS -> PHS -> National Institutes of Health	RAPID SAMPLE TO ANSWER DIAGNOSIS OF KAPOSI'S SARCOMA ACROSS SUB-SAHARAN AFRICA USING KS-COMLETE	139860	\$3,449,158
Farnsworth, Andrew	CALS Lab of O - Ctr Avian Studies	DOI -> Bureau of Ocean Energy Management	WEATHER SURVEILLANCE RADAR OBSERVATIONS OF MIGRATING BIRDS IN THE OFFSHORE ENVIRONMENT TO MONITOR AND TO PREDICT POTENTIAL AVIAN INTERACTIONS WITH WIND ENERGY DEVELOPMENT	145211	\$200,000
Fiorella, Kathryn	Master of Public Health Program (MPH)	USDA -> USDA National Institute of Food and Agriculture	TRANSFORMING FOOD SYSTEMS TO PROVIDE FOR HEALTH, EQUITY, AND SUSTAINABILITY	144400	\$246,000
Fuchs, Marc	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	INTERFERING WITH INSECT VECTOR TRANSMISSION OF PLANT PATHOGENS USING RNA-BASED TECHNOLOGY	141414	\$313,066
Gadikota, Greeshma	Civil & Environmental Engineering	National Science Foundation	CAREER: CONFINEMENT INDUCED STRUCTURAL EVOLUTION OF CALCIUM- AND MAGNESIUM- CARBONATES IN ARCHITECTED SILICEOUS NANOCANNELS	140951	\$535,000
Gomez, Miguel	Dyson - Sponsored Activity	USDA -> USDA ARS -> ARS Northeast Area	ECONOMIC AND ENVIRONMENTAL ANALYSIS OF EXPANDING NEW YORK AND NEW ENGLAND BEEF CATTLE PRODUCTION	145167	\$286,592
Gomez, Miguel	Dyson - Sponsored Activity	USDA -> USDA Agricultural Marketing Service	WHOLESALE PRODUCE MARKETS: ON-SITE INFRASTRUCTURE ASSESSMENT ( AGREEMENT NO. 22-TMMSD-OH-0004)	146848	\$107,668
Gomez, Miguel	Dyson - Sponsored Activity	USDA -> USDA National Institute of Food and Agriculture (Through: University of Maine)	ON-FARM INTEGRATION OF ORGANIC MANAGEMENT OF SPOTTED-WING DROSOPHILA IN FRUIT CROPS	142755	\$175,000
Gore, Michael	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	PREDICTIVE MODELING OF MATURE OAT SEED COMPOSITION USING METABOLOMICS AND TRANSCRIPTOMICS	90852	\$121,101
Grantham, Deb	CALS Cornell Cooperative Extension	USDA -> USDA National Institute of Food and Agriculture (Through: Pennsylvania State University)	SCRI CAP PROPOSAL: BIOLOGY, MANAGEMENT, AND REDUCING THE IMPACT OF THE SPOTTED LANTERNFLY IN SPECIALTY CROPS IN THE EASTERN USA	89977	\$97,214
Green, Denise	Fiber Science and Apparel Design	National Science Foundation	COLLABORATIVE RESEARCH: FW-HTP-P: REDUCING FINISHED PRODUCT WASTE THROUGH AUGMENTED DESIGN INTELLIGENCE	143824	\$25,092
Green, Keith	Design and Environmental Analysis	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: HCC: SMALL: ROBOT-ROOMS: GIVING, FORM TO DOMESTIC ACTIVITY ON THE GO	143643	\$334,787
Grodsky, Steven	CALS Natural Resources	DOI -> United States Geological Survey	POLLINATOR MONITORING AND RESEARCH IN THE EASTERN UNITED STATES	144349	\$136,792
Hammer, David	Electrical & Computer Engineering	DOE -> DOE National Nuclear Security Administration	MULTI-UNIVERSITY CENTER OF EXCELLENCE FOR PULSED POWER-DRIVEN HIGH ENERGY DENSITY SCIENCE	83228	\$1,999,786
Hanson, Karla	Master of Public Health Program (MPH)	TAMU -> Texas A&M University	CORNELL TEXAS A&M AGRILIFE RESEARCH SERVICE AGREEMENT	145553	\$99,262
Hernandez, Professor, Christopher	Mechanical & Aerospace Engineering	NSF -> NSF Directorate for Engineering	EFRI ELIS: MECHANICALLY ADAPTIVE LIVING STRUCTURAL MATERIALS	143622	\$2,000,000
Hernandez, Professor, Christopher	Mechanical & Aerospace Engineering	HHS -> PHS -> NIH -> NIH National Institute on Aging	GUT MICROBIAL FACTORS THAT INCREASE BONE TISSUE STRENGTH	142198	\$204,558
Hinojosa Huerta, Osvel	CALS Lab of O - Administration	DOI -> United States Fish and Wildlife Service	A COASTAL SOLUTIONS NETWORK FOR THE PACIFIC FLYWAY, PHASE 2	142437	\$198,500

Hollopeter, Gunther	Molecular Medicine	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences)	MOLECULAR REGULATION OF THE AP2 CLATHRIN ADAPTOR COMPLEX	87367	\$249,930
Holmes, Natasha	Lab. of Atomic & Solid State Physics	United States Department of Energy (Through: American Physical Society)	2023 CUWIP APS MEETING	146308	\$40,000
Huson, Heather	CALS Animal Science	NYS -> New York State Office of Parks, Recreation and Historic Preservation	ZOOS, BOTANICAL GARDENS AND AQUARIUMS (ZBGA) - 2021 TO 2026: (CORNELL RAPTOR PROGRAM)	138168	\$193,744
Huson, Heather	CALS Animal Science	USDA -> USDA National Institute of Food and Agriculture (Through: University of Vermont)	EPIGENETIC INHERITANCE OF MATERNAL DISEASE STATUS IN DAIRY CATTLE AND EFFECT ON OFFSPRING PERFORMANCE	144624	\$15,000
Hwang, James	Materials Science Engineering	NSF -> NSF Directorate for Engineering	MRI: ACQUISITION OF A MILLIMETER-WAVE VECTOR NETWORK ANALYZER AND A PROBE STATION CAPABLE OF A SINGLE SWEEP FROM 70 KHZ TO 220 GHZ	138576	\$8,000
Hyman, Louis	Labor Relations, Law, & History	William and Flora Hewlett Foundation	HISTORY OF CAPITALISM SUMMER CAMP (22/23)	145143	\$30,000
Jena, Debdeep	Electrical & Computer Engineering	SRC -> SRCco Inc (Through: University of Notre Dame)	X-PIEZO WIDE-BANDGAP SEMICONDUCTORS FOR RF/LOGIC HYBRIDS	86844	\$50,000
Jiang, Yu	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	EXPLAINABLE DEEP-LEARNING BASED IMAGE ANALYSIS WITH BLACKBIRD RGB IMAGING ROBOT FOR LABORATORY HIGH THROUGHPUT PHENOTYPING	141381	\$174,419
Ju, Wendy	JTC Research	Toyota -> Woven Planet Holdings	AUTHORING AND ADAPTING MIXED REALITY ON-ROAD DRIVING SIMULATION	146462	\$203,876
Ju, Wendy	JTC Research	National Science Foundation	HCC: MEDIUM: CULTURAL DIFFERENCES IN PEDESTRIAN-AUTONOMOUS VEHICLE INTERACTION	142728	\$599,986
Kan, Edwin	Electrical & Computer Engineering	National Science Foundation	CCSS: RF INFRASONICS FOR INTERNAL TISSUE CHARACTERISTICS	142758	\$390,000
Karhan, Andrew	Yang Tan Institute	HHS -> Administration For Community Living (Through: U OF ROCHESTER -> University of Rochester Medical Center)	SUCCESSFUL TRANSITION TO EMPLOYMENT PARTNERSHIP (STEP)	144270	\$13,652
Karhan, Andrew	Yang Tan Institute	ED -> Rehabilitation Services Administration (Through: MONTANA -> Montana Department of Public Health and Human Services)	MONTANA DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES CRP-TRAINING INSTITUTE FOR THE VOCATIONAL REHABILITATION AND BLIND SERVICES (VRBS) PROGRAM	146753	\$27,000
Karhan, Andrew	Yang Tan Institute	J E & Z B Butler Foundation Inc	BUTLER FOUNDATION NYC NEEDS ASSESSMENT PROGRAM	145381	\$40,154
Kiely, Richard	Einhorn Center for Community Engagement	Einhorn Collaborative	AMPLIFYING THE IMPACT OF COMMUNITY ENGAGED LEARNING AT CORNELL	146000	\$176,000
Kim, Eunah	Lab. of Atomic & Solid State Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	HDR INSTITUTE: THE QUANTUM INSTITUTE FOR DATA AND EMERGENCE AT ATOMIC SCALES (QU-IDEAS)	138361	\$2,402,082
Klinck, Holger	CALS Lab of O - K. Lisa Yang Center	DOD -> DOD US NAVY -> Naval Facilities Engineering Command (Through: Applied Ocean Sciences LLC)	COLLECTION OF "IN SITU" ACOUSTIC DATA FOR VALIDATION OF US NAVY PROPAGATION MODELS OF SHIP SHOCK TRIAL SOUND SOURCES	138609	\$5,015

Koch, Donald	Chemical & Biomolecular Engineering	National Science Foundation	SLENDER BODY THEORY AND FINITE DIFFERENCE COMPUTATIONS TO CHARACTERIZE PARTICLE-FLUID INTERACTIONS AT MODERATE REYNOLDS NUMBERS	142462	\$371,000
Kuleshov, Volodymyr	JTC Research	National Science Foundation	CAREER: MODELING GENETIC VARIATION USING DEEP GENERATIVE NEURAL NETWORKS	140979	\$498,860
Kurpios, Natasza	Molecular Medicine	HHS -> PHS -> NIH -> NIH National Institute of Diabetes and Digestive and Kidney Diseases	MECHANISMS UNDERLYING ASYMMETRIC ROTATION AND MORPHOGENESIS OF THE MIDGUT	142155	\$1,180,838
Lamb, Elizabeth	CALS NYS Integrated Pest Management	USDA -> USDA National Institute of Food and Agriculture (Through: University of Vermont)	GREENHOUSE IPM SCOUT SCHOOL: ONLINE AND HANDS-ON TRAINING FOR CURRENT AND NEXT GENERATION SCOUTS	144449	\$29,105
Lammerding, Jan	Weill Institute	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences)	NUCLEAR MECHANOBIOLOGY IN CONFINED MIGRATION	89191	\$130,528
Lau, Colleen	Microbiology and Immunology	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases	TRANSCRIPTIONAL REGULATION OF IMMUNOLOGICAL MEMORY IN INNATE AND ADAPTIVE LYMPHOCYTES	144821	\$270,000
Leuenberger, Christine	Science and Technology Studies	National Science Foundation	IPA-PROGRAM DIRECTORSHIP FOR SCIENCE AND TECHNOLOGY STUDIES	146001	\$102,382
Levine, Lionel	Mathematics	FTX Foundation	LONG-TERM AI SAFETY RESEARCH	144752	\$1,891,309
Lewis, Nikole	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration	EXPLORING THE USE OF TRANSITION-EDGE SENSORS FOR HIGH-PRECISION CHARACTERIZATION OF EXOPLANET ATMOSPHERES	143418	\$100,000
Lewis, Nikole	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: Association of Universities for Research in Astronomy)	UNDER THE LIGHT OF A DEAD STAR: REVEALING THE ATMOSPHERIC COMPOSITION OF A WHITE DWARF PLANET	140106	\$74,098
Liepe, Matthias	Cornell Lab Accelerator Sciences & Ed	United States Department of Energy (Through: SLAC National Accelerator Laboratory)	ENERGY RECOVERY LINAC WITH 4K NB3SN SUPERCONDUCTING CAVITIES	140381	\$59,061
Lin, Song	Chemistry and Chemical Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	AN ELECTROCATALYTIC APPROACH TO DISCOVERING NEW SYNTHETIC TRANSFORMATIONS	86043	\$129,365
Londo, Jason	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: University of Vermont)	EVALUATION OF TETRALONE ABSCISIC ACID AS A NOVEL BUDBREAK DELAY AND SPRING FROST DAMAGE MITIGATION PRODUCT IN VINEYARDS	144532	\$14,226
Lunine, Jonathan	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: NASA -> Jet Propulsion Laboratory)	DISTINGUISHED VISITING SCIENTIST	89600	\$63,506
Luo, Dan	CALS Biological & Environmental Engr	USDA -> USDA ARS -> ARS Northeast Area	DEVELOP NANO-BASED METHODS FOR DELIVERING DNAS, RNAS AND/OR PROTEINS INTO PLANT CELLS FOR MODIFYING GRAPEVINE GENES NON-TRANSGENICALLY	146132	\$174,419
Luo, Yiqi	CALS School of Integrative Plant Science	NSF -> NSF Directorate for Biological Sciences	COLLABORATIVE RESEARCH: MRA: CONSTRAINING THE CONTINENTAL-SCALE TERRESTRIAL CARBON CYCLE USING NEON DATA (TRANSFER OF AWARD)	145863	\$337,455

Mak, Kin Fai	Lab. of Atomic & Solid State Physics	Gordon and Betty Moore Foundation	IMPRINTING WIGNER LATTICES ON TWO-DIMENSIONAL QUANTUM MATERIALS	146178	\$1,250,000
Manning, Jason	Mathematics	The Simons Foundation Inc	HYPERBOLIC GROUPS ACTING ON CUBE COMPLEXES AND BOUNDARIES	142874	\$42,000
Manning, Sturt	Classics	DOI -> National Park Service	GEOPHYSICAL SURVEY OF CULTURAL AND NATURAL RESOURCES AT WHITE SANDS NATIONAL PARK	135992	\$49,080
Manning, Sturt	Classics	DOI -> National Park Service	ALASKA GEOPHYSICAL SURVEY AND TRAINING FOR IDENTIFYING SUB-SURFACE RESOURCES	145893	\$64,967
Manning, Sturt	Classics	DOI -> National Park Service	ALASKA GEOPHYSICAL SURVEY AND TRAINING FOR IDENTIFYING SUB-SURFACE RESOURCES	145893	\$24,420
Maralani, Vida	Sociology	HHS -> PHS -> NIH -> NIH National Institute on Aging (Through: Syracuse University)	MARITAL SORTING AND HEALTH INEQUALITIES IN LATER LIFE	143127	\$41,555
Mazourek, Michael	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	CHARACTERIZATION OF BOTTLE GOURD (LAGENARIA SICERARIA) ACCESSIONS	144415	\$19,380
Mazourek, Michael	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: USDA -> USDA ARS -> ARS Northeast Area)	DECIPHERING THE GENETIC AND MOLECULAR BASIS OF GREEN CURD TRAIT IN CAULIFLOWER	144494	\$418,001
McDonald, Andrew	CALS School of Integrative Plant Science	CGIAR -> Centro Internacional de Mejoramiento de Maiz y Trigo	EXCELLENCE IN AGRONOMY (EIA): YIELD GAP DECOMPOSITION	146326	\$57,000
McFadden, Joseph	CALS Animal Science	Environmental Defense Fund Inc	STREAMLINING ASSESSMENT OF ENTERIC METHANE INHIBITING DRUGS & FEED ADDITIVES FOR FDA APPROVAL	145740	\$100,000
McGeachy, Mandy	Microbiology and Immunology	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases	IL-17 REGULATES LN STROMAL CELL METABOLISM AND FUNCTION	145426	\$695,851
Miller, Matthew	Cornell Lab Accelerator Sciences & Ed	DOD -> DOD US AF -> Air Force Research Laboratory	MATERIALS SOLUTIONS NETWORK AT CHESS (MSN-C)	145470	\$7,497,000
Miller, Matthew	Cornell Lab Accelerator Sciences & Ed	DOD -> DOD US NAVY -> Office of Naval Research	NEW STRATEGIES FOR LARGE-DATA-VOLUME, DATA-INFORMED MEASUREMENTS OF MICROMECHANICAL PHENOMENA IN STRUCTURAL MATERIALS	142620	\$1,950,000
Milner, Phillip	Chemistry and Chemical Biology	Bristol-Myers Squibb Company	GAS REAGENT DELIVERY FOR SYNTHETIC CHEMISTRY USING METAL-ORGANIC FRAMEWORKS	145347	\$39,000
Milstein, Mark	Center for Sustainable Global Enterprise	Deutsche Gesellschaft fur Internationale Zusammenarbeit GmbH (Through: The Travel Foundation)	SUSTAINABLE TOURISM DESTINATION ASSET MANAGEMENT ONLINE PROGRAM	141721	\$183,294
Moore, Virginia	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture	SHARED LOW-TEMPERATURE GROWTH CHAMBER TO SUPPORT FUNDAMENTAL AND APPLIED PLANT FREEZING TOLERANCE RESEARCH	145119	\$181,100
Moore, Virginia	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: University of Vermont)	EXPLORING WINTER LENTIL AND WINTER PEA PRODUCTION IN THE NORTHEASTERN UNITED STATES	144438	\$24,236
Muller, David	Applied & Engineering Physics	TSMC -> TSMC North America	CHARACTERIZING COMPLEX INTERFACE STRUCTURE OF ENGINEERING MATERIALS BY MEANS OF MULTISLICE ELECTRON PTYCHOGRAPHY	141881	\$150,000

Muller, David	Applied & Engineering Physics	TSMC -> TSMC North America	CHARACTERIZING JUNCTIONS AND DOPANT PROFILES IN SEMICONDUCTOR DEVICES WITH 4D STEM PHASE CONTRAST IMAGING	141880	\$150,000
Niemack, Michael	Cornell Lab Accelerator Sciences & Ed	The Simons Foundation Inc (Through: UCAL -> The Regents of the University of California on behalf of its San Diego Campus)	SIMONS OBSERVATORY	84037	\$391,964
Nishimura, Nozomi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Heart, Lung, and Blood Institute (Through: Northeast Ohio Medical University)	MECHANISMS UNDERLYING TAKOTSUBO SYNDROME	142234	\$682,311
Nyrop, Jan	CALS Cornell AgriTech Fin & Operating	USDA -> USDA ARS -> ARS Northeast Area	TRANSLATION OF PLANT PATHOLOGY AND AGRICULTURAL NUTRITIONAL IMPACT RESEARCH OUTCOMES TO STAKEHOLDERS	91523	\$109,916
Orr, David	CALS Biological & Environmental Engr	Iowa Department of Transportation (Through: Heather Miller & Associates)	EVALUATION AND/OR MODIFICATION OF SLR REMOVAL PROTOCOLS	145578	\$48,475
Parise, Francesca	Electrical & Computer Engineering	National Science Foundation	STUDENT TRAVEL SUPPORT FOR IEEE CONFERENCE ON DECISION AND CONTROL, TO BE HELD IN CANCUN, MEXICO, DECEMBER 6-9, 2022	144406	\$18,480
Pass, Rafael	Tech Research	National Science Foundation	SATC: CORE: SMALL: ON CRYPTOGRAPHY AND KOLMOGOROV COMPLEXITY	141234	\$500,000
Peck, Mason	Mechanical & Aerospace Engineering	National Aeronautics and Space Administration	SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM, 2020-2024	90830	\$120,000
Peck, Mason	Mechanical & Aerospace Engineering	DOD -> DOD US AF -> Air Force Research Laboratory (Through: Slingshot Aerospace)	BEACON	143336	\$89,585
Petersen, Kirstin	Electrical & Computer Engineering	NSF -> NSF Directorate for Computer and Information Science and Engineering	CAREER: ENVIRONMENTALLY-MEDIATED COORDINATION IN NATURAL AND ROBOT SWARMS	136882	\$63,609
Pierson, Emma	JTC Research	National Science Foundation	CAREER: EQUITABLE MEDICAL DECISION-MAKING	140718	\$531,667
Plowright, Raina	Public and Ecosystem Health	NSF -> NSF Directorate for Biological Sciences	UROL:EN CONVERGING ON THE RULES OF EMERGENCE FOR PREVENTING LAND USE-INDUCED SPILLOVER	145157	\$2,940,810
Qian, Shu-Bing	Nutritional Sciences	National Science Foundation (Through: NSF -> NSF Directorate for Biological Sciences)	COLLABORATIVE RESEARCH: MFB: DECIPHERING RNA-BASED REGULATORY LOGIC WITH INTERPRETABLE MACHINE LEARNING	144512	\$605,000
Rahm, Brian	CALS Biological & Environmental Engr	DOI -> United States Geological Survey	104B STATE WATER RESOURCES RESEARCH INSTITUTE PROGRAM (FY2021)	140504	\$133,700
Ren, Yi	CALS Animal Science	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	CONTROL OF OVARIAN VASCULAR REMODELING BY CCAAT/ENHANCER BINDING PROTEINS ALPHA AND BETA	141858	\$1,706,794
Rizvi, Syed	CALS Food Science	USDA -> USDA ARS -> ARS Northeast Area	SUPERCRITICAL FLUID EXTRUSION FOR IMPROVEMENT OF FLAVOR AND FUNCTIONALITY OF PULSE FLOURS AND PROTEIN CONCENTRATES	140255	\$52,231
Romay, Cinta	Institute Biotechnology & Life Science	USDA -> USDA ARS -> ARS Northeast Area	"IMPROVING MAIZE AND SORGHUM EFFICIENCY USING GRASS DIVERSITY AND COMPUTATIONAL MODELING"	137619	\$1,267,650
Rose, Jocelyn	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	UNDERSTANDING THE GENETIC BASIS OF FRUIT DEVELOPMENT AND QUALITY (59-8062-2-007)	146778	\$220,000

Rose, Jocelyn	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-2-012)	146898	\$35,000
Rossi, Frank	CALS School of Integrative Plant Science	NYS -> New York State Department of Environmental Conservation (Through: Rochester Institute of Technology)	SUSTAINABLE DATA-DRIVEN GOLF COURSE BEST MANAGEMENT PRACTICES	143823	\$53,705
Rossi, Frank	CALS School of Integrative Plant Science	NYS -> New York State Department of Environmental Conservation (Through: Rochester Institute of Technology)	ENVIRONMENTAL RESULTS PROGRAM AND THE NY GOLF COURSE SECTOR - PHASE 3	143011	\$70,440
Ruiz Gutierrez, Viviana	CALS Lab of O - Ctr Avian Studies	DOI -> United States Fish and Wildlife Service (Through: NCASI Foundation)	MIGRATORY BIRD STOPOVER HABITAT IN THE EASTERN U.S. AND THE ROLE OF PRIVATE, WORKING FORESTS	143794	\$20,000
Sacks, Gavin	CALS Food Science	USDA -> USDA ARS -> ARS Northeast Area	NUTRITIONAL QUALITY AND MICRONUTRIENT BIOAVAILABILITY OF FOODS	141773	\$56,202
Scaglione, Anna	Tech Research	National Science Foundation	ADVANCING GRAPH SIGNAL PROCESSING TECHNIQUES FOR MONITORING AND CONTROL OF ELECTRIC DISTRIBUTION POWER SYSTEMS	142641	\$360,000
Scaglione, Anna	Tech Research	DOD -> DOD United States Army	LEARNING AND COMPUTATIONAL MODELS FOR MULTI-DOMAIN OPERATIONS IN TACTICAL EDGE NETWORKS	140331	\$359,951
Schaffer, Chris	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Neurological Disorders and Stroke	HIGH-SPEED IMAGING OF CORTICAL AND WHITE MATTER MICROVASCULAR FLOW IN AD/ADRD MODELS	142030	\$3,947,504
Schimenti, John	Biomedical Sciences	HHS -> PHS -> National Institutes of Health	USING AN ANIMAL MODEL TO UNDERSTAND SEX-DEPENDENT MECHANISMS UNDERLYING PREGNANCY OUTCOMES CAUSED BY FETAL AND MATERNAL GENOMIC INSTABILITY	139717	\$1,730,423
Schmidt, Britney	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration	OCEANS ACROSS SPACE AND TIME (OAST)	142075	\$5,356,565
Schmidt, Britney	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration	PINGO SUBTERRANEAN AQUIFER RECONNAISSANCE AND RECONSTRUCTION (PINGO STARR)	142076	\$1,630,612
Schmidt, Britney	Center Astrophysics-Planetary Science	National Science Foundation (Through: New York University)	NERC-NSF: MELTING AT THWAITES GROUNDING ZONE AND ITS CONTROL ON SEA LEVEL (THWAITES-MELT)	141176	\$257,275
Schneider-Bentley, Lisa	Student Services	Semiconductor Research Corporation	SEMICONDUCTOR RESEARCH CORPORATION UNDERGRADUATE RESEARCH PROGRAM	146523	\$5,200
Schryver, Tom	Center for Regional Economic Advancement	Environmental Defense Fund Inc	ENVIRONMENTAL DEFENSE FUND - ENTERIC METHANE	146783	\$9,801
Schweitzer, Peter	Institute Biotechnology & Life Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES; RESEARCH SUPPORT AGREEMENT 58-8062-2-011	146905	\$20,000
Sellers, Deborah	Bronfenbrenner Ctr for Translational Rsch	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	ENRICHING RELATIONAL ENVIRONMENTS AS A CRITICAL PATHWAY FOR HEALING FROM TRAUMA: HELPING ADULTS USE PURPOSEFUL INTERACTIONS AND BUILD DEVELOPMENTAL RELATIONSHIPS WITH CHILDREN IN OUT OF HOME CARE	141953	\$1,655,943
Sheehan, Moira	Institute Biotechnology & Life Science	USDA -> USDA ARS -> ARS Northeast Area	BREEDING INSIGHT PHASE 2: EXPANSION TO SUPPORT MORE DIVERSE PLANT AND ANIMAL USE CASES	137532	\$2,289,637
Shepherd, Robert	Mechanical & Aerospace Engineering	National Science Foundation	CHEMICAL FUEL POWERED BRAILLE DISPLAYS	145151	\$50,000
Shepherd, Robert	Mechanical & Aerospace Engineering	DOD -> DOD US NAVY -> Office of Naval Research	SERPENT: SELF ENERGETIC PROPULSION ENTITY	141417	\$7,500,000



Singer, Andrej	Materials Science Engineering	United States Department of Energy	CREATING NEW QUANTUM STATES OF MATTER IN TIME AND SPACE THROUGH ENGINEERING ARTIFICIAL INTERFACES AND STRUCTURES	86832	\$2,730,000
Snavely, Noah	Tech Research	National Science Foundation	COLLABORATIVE RESEARCH: RI: MEDIUM: LEARNING COMPOSITIONAL IMPLICIT REPRESENTATIONS FOR 3D SCENE UNDERSTANDING	142583	\$399,999
Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	BARLEY PEST INITIATIVE	140447	\$19,385
Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	GENETIC APPROACHES TO IMPROVE WHEAT ALUMINUM RESISTANCE IN A CARBON-USE-EFFICIENT MEANS	141775	\$32,120
Stacey, Gordon	Center Astrophysics-Planetary Science	National Science Foundation (Through: NSF -> NSF National Radio Astronomy Observatory)	NRAO STUDENT OBSERVING PROGRAM - CATIE BALL	146343	\$20,056
Sucheski-Drake, Amy	Cornell Health	Council Of Ivy League Presidents	THE EPIDEMIOLOGY OF CONCUSSIONS IN IVY LEAGUE SPORTS: A WEB-BASE SURVEY	72563	\$2,000
Sullivan, Patrick	CALS Natural Resources	New York Transco	ANALYSIS OF GENETIC DATA ON NORTHERN CRICKET FROGS IN NEW YORK STATE	146029	\$36,340
Tong, Lang	Electrical & Computer Engineering	National Science Foundation	LARGE-SCALE DER AGGREGATION: ACTIVE PROSUMERS, OPTIMAL AGGREGATION, AND SUSTAINABLE GROWTH	143095	\$359,609
Tumbar, Tudorita	Molecular Biology and Genetics	HHS -> PHS -> NIH -> NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases	INVESTIGATING THE COORDINATED ENDOTHELIAL-EPITHELIAL INTERACTIONS IN ADULT HAIR CYCLE OF MOUSE SKIN	144318	\$397,841
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service	MECHANISMS OF COMPATIBLE AND INCOMPATIBLE INTERACTIONS BETWEEN POTATO AND POTATO CYST NEMATODES	137529	\$180,934
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-2-010)	146686	\$33,770
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	GENOMICS OF FUNGI ASSOCIATED WITH INVASIVE INVERTEBRATES (59-8062-2-005)	146963	\$46,145
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA Animal and Plant Health Inspection Service (Through: USDA -> USDA ARS -> ARS Northeast Area)	PCN IMMUNITY	146947	\$81,000
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES	146337	\$104,500
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES	146337	\$110,000
Underhill, Kristen	Law School Dean's Office	HHS -> PHS -> National Institutes of Health (Through: The Trustees of Columbia University in the City of New York)	STATE-LEVEL OPIOID POLICIES AND POLICIES THAT REGULATE SUBSTANCE USE DURING PREGNANCY: A MIXED METHODS EXPLORATION OF THEIR EFFECTS ON MATERNAL AND INFANT OUTCOMES	144076	\$244,405
Van Amburgh, Mike	CALS Animal Science	Dairy Management Inc	QUANTIFYING NITROGEN VOLATILIZATION IN DAIRY CATTLE EXCRETION: A CASE FOR REDUCING PROTEIN FEEDING DIETARY FORMULATION	145643	\$250,000
Vatamaniuk, Olena	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	FUNCTIONAL ANALYSIS OF MEMBRANE TRANSPORTERS	141551	\$40,000
Wang, Yadong	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Heart, Lung, and Blood Institute	ELASTIC, DEGRADABLE VASCULAR GRAFTS WITH HELICAL MICROFIBERS	137625	\$257,656

Wang, Yi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Biomedical Imaging and Bioengineering (Through: Weill Cornell Medicine)	CLINICAL SUMMER IMMERSION FOR BIOMEDICAL ENGINEERING PHD STUDENTS	82211	\$649,008
Wickings, Kyle	CALS Entomology	USDA -> USDA US Forest Service (Through: Colgate University)	JUMPING WORM INVASION AND IMPACT IN THE NORTHERN FOREST	143046	\$23,275
Xu, Chris	Applied & Engineering Physics	HHS -> PHS -> NIH -> NIH National Institute of Neurological Disorders and Stroke	DEEP AND FAST IMAGING USING ADAPTIVE EXCITATION SOURCES	142065	\$2,559,034
Yang, Rong	Chemical & Biomolecular Engineering	National Science Foundation	FMRG:CYBER: ARTIFICIAL INTELLIGENCE ENABLED SCALABLE AND PRECISION MANUFACTURING OF POLYMERIC PARTICLES WITH PROGRAMMED SIZE, SHAPE, AND CHEMISTRY	144458	\$3,000,000
Zhang, Sheng	Institute Biotechnology & Life Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES, RESEARCH SUPPORT AGREEMENT 58-8062-2-009	146566	\$34,980
Zhang, Zhiru	Electrical & Computer Engineering	National Science Foundation	COLLABORATIVE RESEARCH: SHF: MEDIUM: CO-OPTIMIZING SPECTRAL ALGORITHMS AND SYSTEMS FOR HIGH-PERFORMANCE GRAPH LEARNING	142617	\$400,000
Zhou, Xin	Mathematics	NSF -> NSF Directorate for Mathematical and Physical Sciences	CAREER: NEW DEVELOPMENT IN GEOMETRIC VARIATIONAL THEORY	145476	\$424,727