

**Cornell University, Office of Sponsored Programs
Awards Received in September 2023**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Abbott, Nicholas	Chemical & Biomolecular Engineering	National Science Foundation	COLLABORATIVE RESEARCH: INTEGRATING SIMULATIONS, EXPERIMENTS, AND MACHINE LEARNING TO UNDERSTAND AND DESIGN HYDROPHOBIC INTERACTIONS	146533	\$356,375
Acevedo, Maricelis	CALS School of Integrative Plant Science	Bill and Melinda Gates Foundation (Through: CGIAR -> Centro Internacional de Mejoramiento de Maiz y Trigo)	WHEAT DISEASE EARLY WARNING ADVISORY SYSTEM (DEWAS) SURVEILLANCE AND DIAGNOSTICS	152755	\$203,022
Afridi, Khurram	Electrical & Computer Engineering	National Science Foundation	COLLABORATIVE RESEARCH: FUSE: HETEROGENEOUS INTEGRATION IN POWER ELECTRONICS FOR HIGH-PERFORMANCE COMPUTING (HIPE-HPC)	158526	\$1,000,000
Alabi, Christopher	Chemical & Biomolecular Engineering	National Science Foundation (Through: Regents of the University of Minnesota)	NSF CENTER FOR SUSTAINABLE POLYMERS	91583	\$95,516
Archer, Lynden	Chemical & Biomolecular Engineering	United States Department of Energy	ELECTRODEPOSITION OF SINGLE- AND MULTI-COMPONENT METAL COATINGS IN LIQUID ELECTROLYTES CONTAINING DISSOLVED POLYMERS	78088	\$899,999
Austerman, Mary	CALS Sea Grant	US DOC -> National Oceanic and Atmospheric Administration	MITIGATION OF STORMWATER-DERIVED DEBRIS: A COMMUNITY-BASED APPROACH	146480	\$300,000
Baskin, Jeremy	Weill Institute	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	DECIPHERING PHOSPHATIDIC ACID HOMEOSTASIS AND SIGNALING USING OPTOGENETIC MEMBRANE EDITORS	146990	\$1,399,792
Batten, Christopher	Electrical & Computer Engineering	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: FRAMEWORKS: ADVANCING COMPUTER HARDWARE AND SYSTEMS' RESEARCH CAPABILITY, REPRODUCIBILITY, AND SUSTAINABILITY WITH THE GEM5 SIMULATOR ECOSYSTEM	147624	\$399,306
Bilinski, Cheryl	CALS Cornell Cooperative Extension	NYS -> New York State Department of Agriculture and Markets	CORNELL FARM TO SCHOOL PROGRAM 2022-23	145469	\$500,000
Bogdanove, Adam	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	GENOMIC AND MOLECULAR CHARACTERIZATION OF BACTERIAL STRATEGIES USED IN PLANT PATHOGEN INTERACTIONS	141808	\$313,783
Boor, Kathryn	Graduate School Financial Aid	NSF -> NSF Directorate for Education and Human Resources	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	141748	\$29,990
Boor, Kathryn	Graduate School Financial Aid	NSF -> NSF Directorate for Education and Human Resources	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	141748	\$47,317
Boor, Kathryn	Graduate School Financial Aid	NSF -> NSF Directorate for Education and Human Resources	GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)	141748	\$7,818,579
Boor, Kathryn	Graduate School Financial Aid	NSF -> NSF Directorate for Computer and Information Science and Engineering (Through: Computing Research Association Inc)	NSF CSGRAD4US FELLOWSHIP KATHRYN BOOR (PI) TRAVIS LLOYD (STUDENT/FELLOW) INFORMATION SCIENCE COMPUTING RESEARCH ASSOCIATION / NSF	165655	\$159,000

Boor, Kathryn	Graduate School Financial Aid	National Science Foundation (Through: Computing Research Association Inc)	NSF CSGRAD4US FELLOWSHIP KATHRYN BOOR (PI) LEAH LACKEY (STUDENT/FELLOW) ECE COMPUTING RESEARCH ASSOCIATION / NSF	165076	\$159,000
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	\$92,870
Bunting-Howarth, Katherine	CALS Sea Grant	US DOC -> National Oceanic and Atmospheric Administration (Through: SUNY -> State University of New York Stony Brook)	DEVELOPING SUSTAINABLE AND CLOSED-LOOP SOLUTIONS TO REDUCE SYNTHETIC FIBERS, MICROPLASTICS, AND NANOPLASTICS LEAKAGE FROM LAUNDRY SYSTEMS INTO THE MARINE ENVIRONMENT	146486	\$558,628
Butcher, Jonathan	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Heart, Lung, and Blood Institute	MECHANOBIOLOGY OF CARDIAC OUTFLOW TRACT MORPHOGENESIS	140985	\$197,665
CHEN, Prof., Peng	Chemistry and Chemical Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	UNUSUAL MECHANISMS OF METAL REGULATION IN BACTERIA: FROM SINGLE MOLECULES TO SINGLE CELLS TO CELL COMMUNITIES	146467	\$1,324,407
Campbell, Mark	Mechanical & Aerospace Engineering	National Science Foundation	UNCERTAINTY MODELING OF LEARNING TO ENABLE PROBABILISTIC PERCEPTION	146897	\$598,876
Casteel, Clare	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	PHYTOPATHOGENIC BACTERIA BIOLOGY, DIAGNOSTICS, EPIDEMIOLOGY, AND CONTROL	141790	\$192,487
Cawley, John	Public Policy - Academic	USDA -> USDA Economic Research Service	ANALYSIS OF CONSUMER PURCHASES AND RETAIL SALES OF FOODS ON TRIBAL LANDS (NON-ASSISTANCE COOPERATIVE AGREEMENT 58-4000-3-0081-R)	165600	\$30,000
Cercone, Marta	Clinical Sciences	Garmin International Inc	EVALUATION AND PRACTICAL APPLICATION OF A GARMIN BIOSENSOR FOR HORSES - ROUTINE PRODUCT TESTING AGREEMENT (RPTA)	139356	\$32,658
Cerione, Richard	Molecular Medicine	HHS -> PHS -> NIH -> NIH National Cancer Institute	ELUCIDATING THE TUMOR SUPPRESSIVE EFFECTS OF THE SIRTUIN, SIRT1, IN TRIPLE-NEGATIVE BREAST CANCER	90893	\$1,884
Cerione, Richard	Molecular Medicine	HHS -> PHS -> NIH -> NIH National Cancer Institute	PROBING A NOVEL SIGNALING COMPLEX THAT SUSTAINS AKT ACTIVATION TO SUPPORT STRESS SURVIVAL IN CANCER	142323	\$3,908
Choudhury, Sanjiban	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: INVERSE TASK PLANNING FROM FEW-SHOT VISUAL LANGUAGE DEMONSTRATIONS	157178	\$507,288
Christiansen, Morten	Psychology	United States-Israel Binational Science Foundation	THE STATISTICAL READER: STATISTICAL LEARNING AND READING PROFICIENCY	147087	\$88,500
Clark, Andrew	Molecular Biology and Genetics	HHS -> PHS -> National Institutes of Health (Through: Princeton University)	IMPROVED METHODS FOR INFERENCE OF GENOTYPE-SPECIFIC RESPONSE TO ENVIRONMENTAL TOXINS	88601	\$130,000
Curtis, Paul	CALS Natural Resources	NYS -> New York State Department of Environmental Conservation	MANAGEMENT OF COMMON TERNS TO ENHANCE BREEDING PRODUCTIVITY AT ONEIDA LAKE	138423	\$115,705
Dando, Robin	CALS Food Science	USDA -> USDA Agricultural Marketing Service	PRESERVING AND ADAPTING MAPLE FLAVOR FOR NEW MARKET OPPORTUNITIES	161840	\$491,492
Daughtrey, Margery	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	CONTROL OF PHYTOPHTHORA, POWDERY MILDEW, AND DOWNY MILDEW IN GREENHOUSE PRODUCTION (58-8062-3-013)	166984	\$77,183
Davis, Courtney	CALS Lab of O - Ctr Avian Studies	DOI -> United States Fish and Wildlife Service	EVALUATING IMPACT AND RISK TO MIGRATORY BIRDS FROM INFRASTRUCTURE DEVELOPMENT USING EBIRD.	160023	\$263,620

De Jong, Walter	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	IDENTIFICATION AND CHARACTERIZATION OF GENES THAT CONTROLS NUTRITIONAL QUALITY TRAITS IN FRUITS AND VEGETABLES (59-8062-2-004)	146972	\$80,157
De Jong, Walter	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	DEVELOPMENT AND RELEASE OF GOLDEN NEMATODE RESISTANT POTATOES	137585	\$140,836
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	NORTHEAST REGIONAL CLIMATE CENTER - TASK 8	164736	\$460,591
DiTommaso, Antonio	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES	163637	\$880
Doris, John	Dyson - Sponsored Activity	National Endowment for the Humanities	SUMMER INSTITUTE IN MORAL PSYCHOLOGY	147694	\$209,151
Dufresne, Eric	Materials Science Engineering	¿Swiss National Science Foundation (Through: Universite de Fribourg)	NCCR BIO-INSPIRED MATERIALS: USING CONCEPTS FROM NATURE TO CREATE 'SMART' MATERIALS (PHASE III)	151272	\$251,107
El-Ghazaly, Amal	Electrical & Computer Engineering	National Science Foundation	COLLABORATIVE RESEARCH: SWIFT: LARGE: ADAPTIVE INTERFERENCE REJECTION WITH SYNTHETIC CHANNEL DIVERSITY (AIR SYNCD)	92905	\$75,000
Elvinger, Francois	Animal Health Diagnostic Center	USDA -> USDA National Institute of Food and Agriculture	NAHLN 2023 NATIONAL ANIMAL HEALTH LABORATORY NETWORK, LEVEL 1	160224	\$250,000
Erickson, David	Mechanical & Aerospace Engineering	DOD -> DOD ARMY -> U.S. Army Medical Research Acquisition Activity	FEVERPHONE 2.0 - POINT-OF-CARE DIFFERENTIAL DIAGNOSIS OF HEMORRHAGIC FEVERS	166258	\$558,249
Estroff, Lara	Materials Science Engineering	United States Department of Energy (Through: DOE -> DOE Office of Science)	EARLY FORMATION STAGES AND PATHWAY COMPLEXITY IN FUNCTIONAL BIO-HYBRID NANOMATERIALS	69954	\$1,627,000
Evans, Jacquelyn	Baker Institute	AKC -> American Kennel Club Canine Health Foundation	IDENTIFICATION OF GENETIC RISK FACTORS FOR GINGIVAL ENLARGEMENT IN BOXERS	157758	\$113,914
Evans, Jacquelyn	Baker Institute	The Hartwell Foundation	GENETIC INVESTIGATION OF RADIAL HEMIMELIA IN A FELINE DISEASE MODEL	165964	\$100,000
Fatemi, Valla	Applied & Engineering Physics	DOD -> DOD US AF -> Air Force Office of Scientific Research	THERMALLY ROBUST AND OXIDE-MANAGED JOSEPHSON TUNNEL JUNCTIONS	162024	\$1,000,000
Fischbach, Claudia	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Cancer Institute	MECHANICAL PROPERTIES OF ADIPOSE TISSUE AND ITS EFFECT ON BREAST CANCER	147010	\$2,722,135
Foster, Nate	Computer Science	DOD -> DOD Defense Advanced Research Project Agency	LANCER: LEARNING NETWORK CYBERAGENTS	148084	\$2,961,831
Freed, Jack	Chemistry and Chemical Biology	HHS -> PHS -> National Institutes of Health	ADVANCING OUR KNOWLEDGE OF VIRAL MEMBRANE FUSION AND OF IDP-MEMBRANE INTERACTIONS BY ESR	143074	\$53,934
Fuchs, Gregory	Applied & Engineering Physics	United States Department of Energy (Through: Argonne National Laboratory)	Q-NEXT - NEXT GENERATION QUANTUM SCIENCE AND ENGINEERING	92720	\$225,100
Fuchs, Marc	CALS School of Integrative Plant Science	CALIFORNIA -> State of California Department of Food and Agriculture	MECHANISMS OF FANLEAF DISEASE SYMPTOM DEVELOPMENT FOR NOVEL RESISTANCE STRATEGIES	152601	\$225,175
Fuchs, Marc	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	INTERFERING WITH INSECT VECTOR TRANSMISSION OF PLANT PATHOGENS USING RNA-BASED TECHNOLOGY	141414	\$96,479

Fuchs, Marc	CALS School of Integrative Plant Science	CALIFORNIA -> State of California Department of Food and Agriculture	EPIDEMIOLOGICAL CHARACTERISTICS OF GRAPEVINE RED BLOTCH DISEASE	151347	\$251,598
Fuchs, Marc	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: USDA -> USDA Agricultural Research Service Midwest Northeast Area)	SP: MOLECULAR STRATEGIES TO BLOCK PSYLLID TRANSMISSION OF THE HUANGLONGBING (HLB) PATHOGEN	166900	\$465,712
Fuchs, Marc	CALS School of Integrative Plant Science	CALIFORNIA -> State of California Department of Food and Agriculture	RESISTANCE TO GRAPEVINE LEAFROLL-ASSOCIATED VIRUS 3 AND ITS TWO MAJOR MEALYBUG VECTORS	152826	\$259,703
Gold, Katie	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: Regents of the University of Minnesota)	COMPLETING THE GRAPEVINE POWDERY MILDEW RESISTANCE PIPELINE: FROM GENES-ON-THE-SHELF TO STICKS-IN-THE-GROUND	144649	\$93,287
Gomes, Carla	Computer Science	DOD -> DOD US AF -> Air Force Office of Scientific Research	EXTENDING THE POWER OF AI FOR SCIENTIFIC DISCOVERY	160714	\$826,225
Griffiths, Phillip	CALS School of Integrative Plant Science	New York Farm Viability Institute Inc	DEVELOPMENT AND ON-FARM TESTING OF NEW CABBAGE MARKET CLASSES	141877	\$121,905
Gunn, Laura	CALS School of Integrative Plant Science	DOE -> DOE Office of Science	USING ANCIENT ENZYMES FOR MODERN PHOTOSYNTHESIS	156147	\$875,000
Gupta, Udit	JTC Research	NSF -> NSF Directorate for Computer and Information Science and Engineering	EAGER: CLOUD INFRASTRUCTURES FOR DESIGNING SUSTAINABLE ELECTRONICS	163562	\$300,000
Hay, Anthony	CALS Microbiology	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Southeast Area	SUGARCANE PROCESSING WASTE (MILL MUD) BIOINFORMATICS FOR BIO-FERTILIZER DEVELOPMENT	90696	\$50,000
Helmann, John	CALS Microbiology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	BACILLUS SUBTILIS STRESS RESPONSES	138462	\$88,836
Hernandez, Professor, Christopher	Mechanical & Aerospace Engineering	HHS -> PHS -> NIH -> NIH National Institute on Aging	GUT MICROBIAL FACTORS THAT INCREASE BONE TISSUE STRENGTH	142198	\$3,908
Herrero Acosta, Mario	CALS Global Development	Bill and Melinda Gates Foundation	WILD FUTURES INV-030227	141738	\$100,000
Herrero Acosta, Mario	CALS Global Development	Bill and Melinda Gates Foundation	LIVESTOCK IN THE EAT-LANCET 2.0 STUDY	155732	\$1,664,019
Hoddinott, John	CALS Nutritional Sciences	HHS -> PHS -> NIH -> NIH National Institute on Aging (Through: Emory University)	THE IMPACT OF EARLY-LIFE NUTRITION ON SOCIOECONOMIC STATUS, PHYSICAL HEALTH AND COGNITIVE FUNCTION THROUGH MIDDLE AGE	147009	\$334,782
Hoffman, Guy	Mechanical & Aerospace Engineering	DOD -> DOD Defense Advanced Research Project Agency (Through: DOD -> DOD ARMY -> US ARL -> US Army Research Office)	MULTIDIMENSIONAL TRUST INFERENCE IN COMPLEX HUMAN-AGENT TEAMS	90088	\$137,245
Hoffstaetter de Torquat, Georg	Cornell Lab Accelerator Sciences & Ed	DOE -> DOE Office of Science	BEAM POLARIZATION INCREASE IN THE BNL HADRON INJECTORS THROUGH PHYSICS-INFORMED BAYESIAN LEARNING	151210	\$243,000
Hsu, Justin	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	FMITF: TRACK I: FORMAL VERIFICATION FOR MECHANISM DESIGN	154370	\$599,999

Hwang, James	Materials Science Engineering	Lux Semiconductors Inc	DESIGN AND CHARACTERIZATION OF SYSTEM-ON-FOIL COMPONENTS	165014	\$104,307
James, Lisa	Trades Overhead	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ROBERT W HOLLEY CENTER FOR AGRICULTURE & HEALTH MAXIMO BILLING - ACQUISITION OF GOODS AND SERVICES	164601	\$19,184
Jena, Debdeep	Materials Science Engineering	DOD -> DOD US AF -> Air Force Office of Scientific Research	(MQC) EPIQ: EPITAXIAL APPROACHES FOR MATERIALS ENHANCEMENTS OF SUPERCONDUCTING QUBITS"	162023	\$6,613,162
Johnson, Elizabeth	CALS Nutritional Sciences	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	SPHINGOLIPID-DEPENDENT HOST-MICROBE INTERACTIONS	91090	\$49,847
Ju, Wendy	JTC Research	National Science Foundation (Through: Carnegie Mellon University)	FW-HTF-P: USING TECHNOLOGY TO TRANSFORM MAKERS INTO CREATIVE ENTREPRENEURS	147346	\$83,007
Just, David	Dyson - Sponsored Activity	GSA -> GSA Office of Evaluation Sciences	IPA AGREEMENT WITH OFFICE EVALUATION SCIENCE	163709	\$132,499
Kan, Edwin	Electrical & Computer Engineering	HHS -> PHS -> NIH -> NIH National Institute of Biomedical Imaging and Bioengineering	NON-INVASIVE MEASUREMENTS OF CENTRAL BLOOD PRESSURES BY RF SENSORS	145327	\$407,391
Ketterings, Quirine	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	FARMER-DRIVEN EVALUATION OF THE VALUE OF MANURE	142219	\$125,000
Ketterings, Quirine	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets	CORNELL AGRICULTURAL ENVIRONMENTAL STEWARDSHIP PROGRAM, NUTRIENT MANAGEMENT SPEAR PROGRAM YR 2 OF 5	167053	\$400,000
Khan, Awais	CALS School of Integrative Plant Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	AN INNOVATIVE THERAPEUTIC SOLUTION BASED ON RNA INTERFERENCE FOR EFFECTIVE AND DURABLE MANAGEMENT OF FIRE BLIGHT IN NURSERY STOCKS AND MATURE APPLE TREES	142193	\$123,845
Kuleshov, Volodymyr	JTC Research	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	NEXT-GENERATION ALGORITHMS IN STATISTICAL GENETICS BASED ON MODERN MACHINE LEARNING	146843	\$2,042,507
Kumar, Vipin	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	GROW: A NATIONAL RESPONSE TO THE HERBICIDE-RESISTANT WEED EPIDEMIC	154070	\$15,000
Kumar, Vipin	CALS School of Integrative Plant Science	Smithbucklin (Through: USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area)	FIELD-SCALE TESTING OF WEED IDENTIFICATION AND MAPPING TOOLS FOR ACCELERATING INTEGRATED WEED MANAGEMENT ADOPTION (59-8042-3-009)	166626	\$47,000
Kwan, Alex	Biomedical Engineering	Intra-Cellular Therapies Inc	EFFECTS OF LUMATEPERONE ON STRUCTURAL NEUROPLASTICITY	142660	\$619,544
Lambert, Tristan	Chemistry and Chemical Biology	HHS -> PHS -> National Institutes of Health	CATALYTIC PLATFORMS USING AROMATIC IONS AND OTHER CHARGED SPECIES	144028	\$2,555,088
Lancaster, Kyle	Chemistry and Chemical Biology	DOE -> DOE Office of Science	ELECTRONIC STRUCTURE/FUNCTION RELATIONSHIPS IN HETEROBIMETALLIC D-BLOCK/ P-BLOCK CATALYSTS	147775	\$600,000
Lavine, Eric	Lab of Plasma Studies	Sandia National Laboratories	INVESTIGATION OF ELECTRODE SURFACE MATERIALS AND TREATMENTS FOR MAXIMIZING POWER FLOW USING THE CORNELL COBRA FACILITY AND ASSOCIATED DIAGNOSTICS	163600	\$320,000

Lawrence, Joe	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	UNDERSTANDING CORN SILAGE COMPONENT FORAGE QUALITY AS INFLUENCED BY PLANTING DATE AND DRY MATTER AT HARVEST TO REFINE HARVEST MANAGEMENT AND OPTIMIZE PRODUCTION	142088	\$88,882
Lehmann, Johannes	CALS School of Integrative Plant Science	Norwegian Institute for Bioeconomy Research	CASCADING RECYCLING OF ORGANIC N-SOURCES WITH NEXT-GENERATION BIOCHAR FERTILIZER FOR NORWEGIAN AGRICULTURE.	159617	\$46,195
Leuenberger, Christine	Science and Technology Studies	National Science Foundation	IPA-PROGRAM DIRECTORSHIP FOR SCIENCE AND TECHNOLOGY STUDIES	146001	\$145,912
Li, Qi	Civil & Environmental Engineering	National Science Foundation	ACCELNET-DESIGN: A GLOBAL NETWORK OF NETWORKS OF INTEGRATED URBAN SERVICES (GNNIUS) FOR HEALTHY AND SMART CITIES	146841	\$249,021
Liepe, Matthias	Cornell Lab Accelerator Sciences & Ed	DOE -> DOE Office of Science	ADVANCING NIOBIUM SRF CAVITIES VIA METAL COATING, DOPING, AND/OR ALLOYING	157356	\$1,050,000
Lin, Song	Chemistry and Chemical Biology	Bristol-Myers Squibb Company	2023-2024 BRISTOL MYERS SQUIBB GRADUATE FELLOWSHIP IN ORGANIC CHEMISTRY	165234	\$39,000
Lin, Song	Chemistry and Chemical Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	ELECTROCHEMISTRY AS AN ENABLING TOOL FOR REACTION DISCOVERY	145549	\$1,310,840
Luo, Yiqi	CALS School of Integrative Plant Science	NSF -> NSF Directorate for Biological Sciences (Through: AZ Board of Regents on behalf of Arizona State University)	MCA: IMPROVING UNDERSTANDING OF CONTROLS OVER SPATIAL HETEROGENEITY IN DRYLAND SOIL CARBON POOLS IN THE AGE OF 'BIG DATA'	143271	\$75,256
Mabaya, Edward	CALS Global Development	United States Department of State (Through: Institute of International Education Inc)	HUBERT H. HUMPHREY FELLOWS PROGRAM 2023 - 2024	162483	\$258,700
Mahowald, Natalie	Earth & Atmospheric Sciences	National Aeronautics and Space Administration (Through: NASA -> Jet Propulsion Laboratory)	EARTH SURFACE MINERAL DUST SOURCE INVESTIGATION (EMIT)	88424	\$150,000
Mahowald, Natalie	Earth & Atmospheric Sciences	Spark Climate Solutions Inc	EVALUATING IRON-CHLORINE-METHANE INTERACTIONS	163597	\$279,318
Mak, Kin Fai	Lab. of Atomic & Solid State Physics	Gordon and Betty Moore Foundation	IMPRINTING WIGNER LATTICES ON TWO-DIMENSIONAL QUANTUM MATERIALS	146178	\$205,950
Martinez, Jose	Electrical & Computer Engineering	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: SHF: MEDIUM: A HARDWARE-SOFTWARE CO-DESIGN APPROACH FOR HIGH-PERFORMANCE IN-MEMORY ANALYTIC DATA PROCESSING	147690	\$399,998
McAllister, Liam	Cornell Lab Accelerator Sciences & Ed	NSF -> NSF Directorate for Mathematical and Physical Sciences	THEORETICAL PARTICLE PHYSICS	147695	\$2,055,000
McIntyre, Peter	CALS Natural Resources	NYS -> New York State Department of Environmental Conservation	CLIMATE-ADAPTIVE STOCKING (CAS) TO ENHANCE NEW YORK BROOK TROUT FISHERIES	144356	\$632,092
Mehta, Karan	Electrical & Computer Engineering	NSF -> NSF Directorate for Engineering	HAFNIA-BASED PLATFORM FOR HIGH-INDEX VISIBLE UV INTEGRATED PHOTONICS	146881	\$446,998
Mellon, Michael	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: NASA -> Jet Propulsion Laboratory)	PHASE D & E OF THE MARS 2020 ROVER INSTRUMENT RIMFAX (RADAR IMAGER FOR MARS SUBSURFACE EXPLORATION).	87789	\$354,956
Meredith, Gen	Master of Public Health Program (MPH)	USDA -> USDA National Institute of Food and Agriculture	SEEDING HEALTH EDUCATION AND LITERACY FOR HEALTH EQUITY (SHELHE)	158800	\$349,931

Miller, William	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	IMPACT OF MICROBIAL POPULATION LEVELS ON WATER UPTAKE IN CUT FLOWERS (58-8062-3-019)	165734	\$93,584
Minner, Jennifer	City and Regional Planning	DOI -> National Park Service	PRESERVATION WITHIN A FULL SPECTRUM OF REUSE: SCENARIO PLANNING USING AGENT-BASED MODELING AND 3D VISUALIZATION TO EXPLORE OPTIONS TO CONSERVE EMBODIED CARBON AND PRESERVE HISTORY	154546	\$19,999
Nading, Alex	Einaudi Center for Intl Studies	NSF -> NSF Office of International Science & Engineering	GLOBAL CENTERS TRACK 2: CENTER FOR HOUSEHOLD ENERGY AND THERMAL RESILIENCE (HEATR)	158949	\$242,393
Nault, Brian	CALS Entomology	New York Farm Viability Institute Inc	PROTECTING ONIONS IN NEW YORK FROM IRIS YELLOW SPOT VIRUS THROUGH STRATEGIC MANAGEMENT OF ITS THRIPS VECTOR	141944	\$87,615
Niemack, Michael	Cornell Lab Accelerator Sciences & Ed	National Aeronautics and Space Administration	ADVANCING MICROWAVE KINETIC INDUCTANCE TECHNOLOGY FOR COSMOLOGY AND ASTROPHYSICS APPLICATIONS	138037	\$84,000
Nishimura, Nozomi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Neurological Disorders and Stroke	REDUCED ALZHEIMERS DISEASE PROGRESSION AND NEUTROPHIL ADHESION VIA COMPETITION USING NEUTROPHIL-DERIVED OR ENGINEERED NANOPARTICLES	156187	\$444,555
Nishimura, Nozomi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute on Aging	NOVEL TRACERS FOR IN VIVO STUDIES OF WASTE TRANSPORT BY FLUID FLOWS IN THE BRAIN	147256	\$447,069
Nishimura, Nozomi	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases (Through: University of Rochester)	TISSUE REGULATION OF T CELL FUNCTION	88025	\$20,470
Oliver, Jason	CALS Animal Science	Environmental Defense Fund Inc	AMMONIA EMISSIONS ASSOCIATED WITH NY DAIRY MANURE SYSTEMS INITIAL SURVEY	166593	\$86,250
Overton, Thomas	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets	DAIRY EXCELLENCE (DAIRY ADVANCEMENT) (2022-2023)	143975	\$374,000
Overton, Thomas	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	RELATIONSHIPS OF FEEDING MANAGEMENT DURING THE CLOSE-UP DRY PERIOD AND FORAGE NDF DURING THE FRESH PERIOD WITH POSTPARTUM HEALTH AND PERFORMANCE	142224	\$124,931
Paszek, Matthew	Chemical & Biomolecular Engineering	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	BIOPHYSICAL REGULATION OF INTERCELLULAR COMMUNICATION BY THE GLYCOCALYX	91429	\$10,138
Patterson, Ritchie	Cornell Lab Accelerator Sciences & Ed	DOE -> DOE Office of Science	ADVANCING SCIENTIFIC EXCELLENCE BY EMPOWERING RESEARCH IN ACCELERATORS THROUGH EDUCATION (ACCELERATE) AT THE CENTER FOR BRIGHT BEAMS	157731	\$740,000
Peck, Gregory	CALS School of Integrative Plant Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	MECHANICALLY HARVESTING CIDER APPLES WILL SAVE GROWERS MONEY AND FURTHER INCREASE THE QUANTITY AND QUALITY OF NEW YORK HARD CIDER	142209	\$123,715
Peck, Mason	Mechanical & Aerospace Engineering	DOD -> DOD Office of Local Defense Community Cooperation	NEW YORK CONSORTIUM FOR SPACE TECHNOLOGY INNOVATION AND DEVELOPMENT	162566	\$5,000,000

Pillard, Jaroslav	Institute Biotechnology & Life Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES	166740	\$16,888
Pritchard, Matthew	Earth & Atmospheric Sciences	NSF -> NSF Directorate for Geosciences	COLLABORATIVE RESEARCH: THE INTERPLAY OF SURFACE EVOLUTION, SHALLOW MAGMATISM, A LARGE HYDROTHERMAL SYSTEM, AND HAZARDS AT PUYEHUE-CORDON CAULLE VOLCANIC COMPLEX, CHILE	150088	\$573,163
Pryor, Sara	CALS Earth and Atmospheric Science	NSF -> NSF Office of International Science & Engineering	GLOBAL CENTERS TRACK 2 ENHANCED WIND TURBINE BLADE DURABILITY	159890	\$249,994
Rahm, Brian	CALS Biological & Environmental Engr	DOI -> United States Geological Survey	104B STATE WATER RESOURCES RESEARCH INSTITUTE PROGRAM (FY2021)	140504	\$146,840
Rahm, Brian	CALS Biological & Environmental Engr	NYS -> New York State Department of Environmental Conservation	REGIONAL AQUATIC INVASIVE SPECIES CONTROL AND MANAGEMENT	163442	\$3,897,274
Rathbun, Julie	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: AZ Board of Regents on behalf of Arizona State University)	E-THEMIS PHASE B-C-D	162753	\$26,136
Ray, Lauren	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	ECONOMIC FEASIBILITY ANALYSIS OF DAIRY FARM CO-DIGESTION OF MANURE AND FOOD WASTE	142191	\$125,000
Reed, Kristan	CALS Animal Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Area	THE CROP AND SOIL MODULE OF THE RUMINANT FARM SYSTEMS (RUFAS) MODEL (58-5090-3-044)	165629	\$74,665
Reed, Patrick	Civil & Environmental Engineering	United States Department of Energy (Through: Pacific Northwest National Laboratory)	INTEGRATED MULTISECTOR, MULTISCALE MODELING (IM3) SCIENTIFIC FOCUS AREA	92069	\$25,000
Riedl, Rachel	Einaudi Center for Intl Studies	The Irvine Laidlaw Foundation	LIDLAW LEADERSHIP AND RESEARCH SCHOLARSHIPS	136761	\$62,811
Rivera, Monique	CALS Entomology	USDA -> USDA Animal and Plant Health Inspection Service	BIOLOGICAL CONTROL OF EUROPEAN CHERRY FRUIT FLY (RHAGOLETIS CERASI)	163645	\$90,000
Rizvi, Syed	CALS Food Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	SUPERCRITICAL FLUID EXTRUSION FOR IMPROVEMENT OF FLAVOR AND FUNCTIONALITY OF PULSE FLOURS AND PROTEIN CONCENTRATES	140255	\$110,600
Romay, Cinta	Institute Biotechnology & Life Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	CREATING A CIRCULAR ECONOMY THAT REIMAGINES AGRICULTURE USING PLANT DIVERSITY AND COMPUTATIONAL MODELING.	166867	\$3,798,972
Rose, Jocelyn	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	UNDERSTANDING THE GENETIC BASIS OF FRUIT DEVELOPMENT AND QUALITY (59-8062-2-007)	146778	\$125,422
Rose, Jocelyn	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-3-027)	167136	\$70,000
Rudd, Brian	Microbiology and Immunology	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	IMPACT OF EARLY MICROBIAL EXPOSURE ON IMMUNE ONTOGENY	139745	\$335,162

Rudstam, Lars	CALS Natural Resources	DOI -> United States Geological Survey	IMPROVING THE ACCURACY OF USGS'S ACOUSTIC FISH ABUNDANCE ESTIMATES USING HIGH ENDURANCE AUTONOMOUS VEHICLES	138261	\$619,454
Ruiz Gutierrez, Viviana	CALS Lab of O - Ctr Avian Studies	DOI -> United States Fish and Wildlife Service	USING EBIRD DATA TO DEVELOP JOINT VENTURE BIRD POPULATION OBJECTIVES	158959	\$14,100
Russell, David	Microbiology and Immunology	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases (Through: RUTGERS -> Rutgers The State University of New Jersey dba Rutgers Biomedical and Health Sciences)	BACTERIAL AND HOST HETEROGENEITY IN TB LATENCY, PERSISTENCE AND PROGRESSION	167054	\$1,012,619
Ryd, Anders	Cornell Lab Accelerator Sciences & Ed	National Science Foundation (Through: NSF -> NSF Directorate for Mathematical and Physical Sciences)	U.S. CMS UPGRADES FOR THE HL-LHC	79433	\$10,775,000
Sabuncu, Mert	Tech Research	HHS -> PHS -> NIH -> NIH National Institute on Aging (Through: Weill Cornell Medicine)	ADVANCED MACHINE LEARNING ALGORITHMS THAT INTEGRATE GENOMEWIDE, LONGITUDINAL MRI AND DEMOGRAPHIC DATA TO PREDICT FUTURE COGNITIVE DECLINE TOWARD DEMENTIA	141340	\$208,429
Sacks, Gavin	CALS Food Science	NYS -> New York State Department of Agriculture and Markets	2023-2024 CONCORD GRAPE RESEARCH	160907	\$252,000
Sacks, Gavin	CALS Food Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	NUTRITIONAL QUALITY AND MICRONUTRIENT BIOAVAILABILITY OF FOODS	141773	\$47,000
Savransky, Dmitry	Mechanical & Aerospace Engineering	DOD -> DOD US AF -> Air Force Office of Scientific Research	STARLIFT: LOGISTICS NETWORKS FOR PERSISTENT, ENSURED SUPERIORITY IN CISLUNAR SPACE	144697	\$3,398,192
Scaglione, Anna	Tech Research	National Science Foundation	CONFERENCE: URBAN TECH ACADEMY MEETING ON ELECTRIFIED MULTIMODAL TRANSPORTATION	164039	\$15,000
Scott, Erin	Clinical Sciences	HHS -> PHS -> NIH -> NIH National Eye Institute (Through: TAMU -> Texas Engineering Experiment Station)	IMPROVING OUTCOMES IN CATARACT SURGERY: INTRAOCULAR LENSES (IOLS) RESISTANT TO CELL GROWTH	155232	\$50,901
Sheehan, Moira	Institute Biotechnology & Life Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	BREEDING INSIGHT 3	166873	\$4,051,315
Shen, Kyle	Lab. of Atomic & Solid State Physics	United States Department of Energy (Through: Los Alamos National Laboratory)	THIN FILM SYNTHESIS OF F-ELECTRON BASE QUANTUM MATERIALS	136225	\$160,000
Smart, Chris	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture	AGROECOLOGY INDIGENOUS STUDENT SCHOLARS SUMMER INTERNSHIPS AT CORNELL AGRITECH	160974	\$92,358
Smart, Chris	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	TRANSLATION OF PLANT PATHOLOGY AND AGRICULTURAL NUTRITIONAL IMPACT RESEARCH OUTCOMES TO STAKEHOLDERS	91523	\$94,736
Smart, Larry	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	DOCUMENTATION, EVALUATION AND CHARACTERIZATION OF INDUSTRIAL HEMP GERMLASM	90931	\$230,000

Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	GENETIC APPROACHES TO IMPROVE WHEAT ALUMINUM RESISTANCE IN A CARBON-USE-EFFICIENT MEANS	141775	\$4,422
Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	BREEDING FOR INTERCROPPING (59-8062-3-004)	167008	\$119,202
Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture	VALUE-ADDED GRAINS FOR LOCAL AND REGIONAL FOOD SYSTEMS	158619	\$3,347,535
Sullivan, Robert	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: NASA -> Jet Propulsion Laboratory)	FOR THE PARTICIPATION OF DR. R. SULLIVAN, CO-I, MARS ENVIRONMENTAL DYNAMICS ANALYZER (MEDA), PHASE C/D	86786	\$112,011
Thom-Levy, Julia	Lab. of Atomic & Solid State Physics	DOE -> DOE Office of Science	EVALUATION OF HI-Z DETECTOR MATERIALS FOR X-RAY SCIENCE	93200	\$600,000
Travis, Alexander	Public and Ecosystem Health	New York State	NYS DHSES - DEVELOPING TRAINING CURRICULUM TO IMPROVE INFECTIOUS DISEASE EPIDEMIC COMMUNICATION SKILLS OF HEALTH OFFICIALS IN NEW YORK STATE PROJECT	161823	\$245,674
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-3-026)	167047	\$86,240
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-3-008)	163895	\$80,000
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-3-010)	164946	\$62,000
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	\$107,690
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8062-3-014)	166846	\$24,420
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	IMMUNITY TO POTATO CYST NEMATODES (59-8062-3-006)	167010	\$50,000
Umrigar, Cyrus	Lab. of Atomic & Solid State Physics	DOD -> DOD US AF -> Air Force Office of Scientific Research (Through: California Institute of Technology)	REVOLUTIONARY ADVANCES IN CORRELATED ELECTRON MATERIALS: FROM STRONGLY COORDINATED ELECTRONS TO LARGE SCALE DFT AND QUANTUM EMBEDDING	81870	\$139,840
Vanden Heuvel, Justine	CALS School of Integrative Plant Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	INOCULATING REPLANTS WITH ARBUSCULAR MYCORRHIZAL FUNGI IN NEW YORK VINEYARDS	142028	\$91,938
Walley-Stoll, Katelyn	CALS Cornell Cooperative Extension	New York Farm Viability Institute Inc	SURVEYING NY FARM CASH RENTAL RATES AND CUSTOM SERVICE FEES TO IMPROVE BARGAINING, BUDGETING, AND PROFITABILITY	142060	\$65,831
Weiss, Jessica	Government	Charles Koch Foundation	RESISTANCE TO COERCIVE DIPLOMACY IN TAIWAN	162808	\$5,000
Wiedmann, Martin	CALS Food Science	United States Department of Labor (Through: Mohawk Valley Community College)	PRE-APPRENTICESHIP PROGRAM ERIE AND BATAVIA BOOTCAMPS 2023	164897	\$93,500

Wilde, Mark	Electrical & Computer Engineering	DOD -> DOD US AF -> Air Force Research Laboratory	QUANTUM ALGORITHMS AND ENTANGLEMENT VERIFICATION METHODS FOR COMMUNICATION AND NETWORKING	158176	\$826,281
Wolf, Christopher	Dyson - Sponsored Activity	USDA -> USDA Economic Research Service	GREENHOUSE GAS IMPACTS OF MANAGEMENT PRACTICES ON U.S. DAIRY OPERATIONS	166368	\$200,000
Xu, Chris	Applied & Engineering Physics	HHS -> PHS -> NIH -> NIH National Cancer Institute	UNDERSTANDING THE IN VIVO IMPACT OF IMMUNOTHERAPIES IN SPLENIC LYMPHOMA BY INTRAVITAL THREE-PHOTON MICROSCOPY	143089	\$428,789
Yang, Qian	Information Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: HCC: MEDIUM: COLLABORATIVE UPSTANDING: LEVERAGING CONVERSATIONAL AI TO CULTIVATE CONSTRUCTIVE UPSTANDERS AMONG TEENS	147766	\$832,449
Yang, Qian	Information Science	HHS -> PHS -> NIH -> NIH National Library of Medicine (Through: Weill Cornell Medicine)	CLOSING THE LOOP WITH AN AUTOMATIC REFERRAL POPULATION AND SUMMARIZATION SYSTEM	146666	\$583,319
Yu, Qiuming	Chemical & Biomolecular Engineering	National Science Foundation	NSF-GACR: AN OPTICAL BIOSENSING PLATFORM FOR SIMULTANEOUS DETECTION AND QUANTIFICATION OF EXOSOMS AND EXOSOMAL CARGO BIOMARKERS	146498	\$360,000
Zhang, Sheng	Institute Biotechnology & Life Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES, RESEARCH SUPPORT AGREEMENT 58-8062-2-009	146566	\$11,667
Zhang, Sheng	Institute Biotechnology & Life Science	USDA -> USDA ARS -> USDA Agricultural Research Service Midwest Northeast Area	ACQUISITION OF GOODS AND SERVICES	166750	\$20,000
van der Meulen, Marjolein	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases	MODULATING PTOA DEVELOPMENT WITH PARATHYROID HORMONE	146619	\$2,070,640