

**Cornell University, Office of Sponsored Programs**  
**Awards Received in August 2021**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
Abbasov, Mikail	Chemistry and Chemical Biology	HHS -> PHS -> National Institutes of Health	CHEMOPROTEOMIC MAPPING OF THE LIGANDABLE RIBONUCLEOPROTEOME USING PHLOROGLUCINOL MEROTERPENOID	137693	\$1,927,875
Abbaspourrad, Alireza	CALS Food Science	HHS -> PHS -> National Institutes of Health (Through: Weill Cornell Medicine)	PRECISE SPERM SELECTION, SPERM CAPACITATION, AND EGG FERTILIZATION USING A MICROFLUIDIC CHIP-BASED PLATFORM	138775	\$100,000
Abers, Geoffrey	Earth & Atmospheric Sciences	National Science Foundation	COLLABORATIVE RESEARCH: RAPID: RESPONSE TO THE 29 JULY 2021 M8.2 CHIGNIK EARTHQUAKE	141279	\$81,567
Adie, Steven	Biomedical Engineering	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences)	VOLUMETRIC TIME-LAPSE IMAGING OF BIOPHYSICAL CELL-EXTRACELLULAR MATRIX INTERACTIONS FOR SYSTEMS MECHANOBIOLOGY RESEARCH	87294	\$89,105
Afridi, Khurram	Electrical & Computer Engineering	Tesla Inc	HIGH POWER DENSITY AND HIGH EFFICIENCY POWER ELECTRONICS	139296	\$115,146
Alabi, Christopher	Chemical & Biomolecular Engineering	National Science Foundation	SEQUENCE PROGRAMMABLE TRIAZINE-THYMINE SYNTHETIC LIGANDS	137822	\$486,205
Alvisi, Lorenzo	Computer Science	National Science Foundation	COLLABORATIVE RESEARCH: CNS CORE:MEDIUM:UNLINKING THE (BLOCK)CHAIN: SCALABLE BYZANTINE-TOLERANT DATABASES	137790	\$600,000
Andres, Jose	CALS Ecology & Evolutionary Biology	USDA -> USDA Animal and Plant Health Inspection Service	DEVELOPMENT OF MOLECULAR DIAGNOSTIC TOOLS AND INVESTIGATIONS OF POPULATION ORIGIN OF INVASIVE PEST INSECTS	141098	\$173,009
Archer, Lynden	Dean and Associate Deans	National Science Foundation	I-CORPS NODE: UPSTATE NY ALLIANCE FOR ENTREPRENEURIAL INNOVATION	79546	\$420,000
Bellows, Laura	Nutritional Sciences	USDA -> USDA National Institute of Food and Agriculture (Through: Colorado State University)	BRIDGING HOME AND PRESCHOOL ENVIRONMENTS TO PROMOTE HEALTHY EATING AND ACTIVITY BEHAVIORS AND PREVENT OBESITY IN EARLY CHILDHOOD	138113	\$482,931
Bentolila, Stephane	CALS Molecular Biology & Genetics	National Science Foundation	MOLECULAR DEFINITION OF PLANT ORGANELLE EDITOSOMES	138963	\$997,783
Bogdanove, Adam	CALS School of Integrative Plant Science	National Science Foundation	12TH US-JAPAN SEMINAR ON PLANT-PATHOGEN INTERACTIONS	136195	\$28,000
Calixto, Alejandro	CALS NYS Integrated Pest Management	NYS -> New York State Department of Environmental Conservation	CORNELL INTEGRATED PEST MANAGEMENT PROGRAM	89798	\$537
Campos-Medina, Patricia	Worker Institute	NYS -> New York State Department of Labor	NEW YORK STATE AFL-CIO / CORNELL UNION LEADERSHIP INSTITUTE - C20209GG	140226	\$150,000
Campos-Medina, Patricia	Worker Institute	NYS -> New York State Department of Labor	CORNELL UNIVERSITY WORKER INSTITUTE GENERAL SUPPORT - C20211GG	140228	\$300,000
Casteel, Clare	CALS School of Integrative Plant Science	NSF -> NSF Directorate for Biological Sciences	ECA-PGR TRANSCRIPTIONAL REGULATION AND GENE NETWORKS UNDERLYING VIRAL RECOGNITION OF INSECT VECTORS	92806	\$53,060
Cazer, Casey	Population Medicine & Diagnostic Science	The David and Lucile Packard Foundation	COVID-19 COMMUNITY INFECTION AND IMMUNITY SURVEILLANCE	140192	\$300,000
Cerione, Richard	Molecular Medicine	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	NEW FRONTIERS IN EXTRACELLULAR SIGNALING	80111	\$120,194

Cherney, Jerry	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture	IMPROVING PROFITABILITY AND REDUCING PRODUCER RISKS OF ALFALFA-GRASS BICULTURES WITH LOW-COST NIRS	139728	\$277,288
Cleland, Thomas	Psychology	National Science Foundation	NCS-FO: INTEGRATED NEUROENGINEERING OF BRAIN-INSPIRED ALGORITHMS FOR PARSING REALISTIC ENVIRONMENTS	139063	\$999,997
Cleland, Thomas	Psychology	HHS -> PHS -> National Institutes of Health	DYNAMICS OF SPIKE TIMING IN OLFACTORY BULB CODING AND NEUROMODULATION	88936	\$516
Clemetson, Antoinette	CALS Sea Grant	US DOC -> National Oceanic and Atmospheric Administration	SEA GRANT NORTHEAST REGIONAL LOBSTER EXTENSION PROGRAM: NEW YORK	89298	\$15,000
Cordes, Jim	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: Association of Universities for Research in Astronomy)	FUNDAMENTAL PHYSICS WITH MILLISECOND PULSARS	136101	\$124,029
Cox, Kerik	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	OPTIMIZATION OF PGR PROGRAMS AND PRE-HARVEST DISEASE MANAGEMENT TO MITIGATE GROWER LOSSES TO POSTHARVEST FRUIT FINISH DISORDERS AND DECAY	92476	\$99,397
Crane, Brian	Chemistry and Chemical Biology	National Science Foundation	ENGINEERING PHOTSENSORY PROTEINS THROUGH THE BETTER UNDERSTANDING AND CONTROL OF PROTON-COUPLED ELECTRON TRANSFER REACTIONS.	139535	\$1,000,000
Danescu-Niculescu-Mizil, Cristian	Information Science	National Science Foundation	CHS: SMALL: AUTOMATICALLY IDENTIFYING MISUNDERSTANDINGS OF SOCIAL INTENTIONS IN ONLINE CONVERSATIONS	88471	\$16,000
Danforth, Bryan	CALS Entomology	National Science Foundation	COLLABORATIVE RESEARCH: BEES OF THE WORLD - PHYLOGENOMICS, BIOGEOGRAPHY, AND EVOLUTION OF HOST-PLANT ASSOCIATIONS	136398	\$303,954
Degaetano, Arthur	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	NORTHEAST REGIONAL CLIMATE CENTER - TASK 3	141133	\$138,043
Diel, Diego	Population Medicine & Diagnostic Science	Applied DNA Sciences	SAFETY AND IMMUNOGENICITY OF LINEAR COVID-19 DNA VACCINE, AN ANTI-SARS-COV-2 LINEAR DNA VACCINE IN MINK	140233	\$329,787
Dillman, Casey	CALS Ecology & Evolutionary Biology	NSF -> NSF Directorate for Biological Sciences	DIGITIZATION TCN: COLLABORATIVE RESEARCH: OVERT: OPEN EXPLORATION OF VERTEBRATE DIVERSITY IN 3D	81735	\$47,040
Ealick, Steven	Chemistry and Chemical Biology	Roche -> Genentech Inc	GENENTECH MEMBERSHIP AGREEMENT	91191	\$100,000
Elvinger, Francois	Animal Health Diagnostic Center	USDA -> USDA Animal and Plant Health Inspection Service	FY 21 NAHLN INFRASTRUCTURE II	141343	\$281,200
Ferrari, Silvia	Mechanical & Aerospace Engineering	National Science Foundation	FLOW-AIDED AERIAL VEHICLE NAVIGATION AND CONTROL	139939	\$50,000
Fowell, Deborah	Microbiology and Immunology	HHS -> PHS -> NIH -> NIH National Institute of Allergy and Infectious Diseases	DCM/INTEGRIN TFH POSITIONING CUES FOR SUPPORT OF THE GERMINAL CENTER RESPONSE	138380	\$194,168
Frank, Margaret	CALS School of Integrative Plant Science	National Science Foundation	CAREER: HARNESSING THE PLANT MOBILEOME TO PREDICT, DESIGN, AND DELIVER LONG-DISTANCE RNAs IN PLANTS	90688	\$55,363
Frazier, Peter	Operations Research & Information Engr	National Science Foundation	PLANNING GRANT: ENGINEERING RESEARCH CENTER FOR ACCELERATED FORMULATIONS ENGINEERING	138979	\$100,000
Fuchs, Gregory	Applied & Engineering Physics	United States Department of Energy (Through: Argonne National Laboratory)	Q-NEXT - NEXT GENERATION QUANTUM SCIENCE AND ENGINEERING	92720	\$162,820
Gold, Katie	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	ADVANCING DOWNY MILDEW RESISTANCE MANAGEMENT FOR NY GRAPE GROWERS	92522	\$99,992

Goodman, Laura	Baker Institute for Animal Health	USDA -> USDA National Institute of Food and Agriculture (Through: University of New Hampshire)	PARTNERSHIP: COMPARATIVE MICROBIAL GENOMICS OF MASTITIS PATHOGENS AND THE DAIRY ENVIRONMENT	93197	\$306,214
Gu, April	Civil & Environmental Engineering	DC Water	HIGH-RATE BIOLOGICAL PHOSPHORUS REMOVAL	140274	\$100,000
Guimbretiere, Francois	Information Science	National Science Foundation	NRI:INT: INTEGRATING ROBOTIC AND AI TECHNOLOGIES TO SUPPORT EMBODIED COLLABORATIVE DESIGN	89401	\$16,000
Halpern-Leistner, Daniel	Mathematics	National Science Foundation	FRG: COLLABORATIVE RESEARCH: DERIVED CATEGORIES, MODULI SPACES, AND CLASSICAL ALGEBRAIC GEOMETRY	137269	\$247,459
Hanson, Maureen	CALS Molecular Biology & Genetics	NSF -> NSF Directorate for Biological Sciences	ENGINEERING AN INORGANIC CARBON HIGHWAY TO IMPROVE C3 PHOTOSYNTHESIS	139792	\$798,040
Hariharan, Bharath	Computer Science	National Science Foundation	COLLABORATIVE: RI: MEDIUM: ROBUST PERCEPTION THROUGH END-USER ADAPTATION	138121	\$890,000
Hariharan, Bharath	Computer Science	Intelligence Advanced Research Projects Activity (Through: Accenture Global)	MUTATED MODELING AND UNDERSTANDING USING TEMPORAL ANALYSIS OF TRANSIENT EARTH DATA	93063	\$28,139
Harvell, Drew	CALS Ecology & Evolutionary Biology	National Science Foundation	TRANSMISSION PATHWAYS OF SEAGRASS WASTING DISEASE IN COASTAL MEADOWS	138228	\$2,479,900
Hayes, Alexander	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration	READING THE MARTIAN CLIMATE RECORD USING RADAR SOUNDING OBSERVATIONS OF THE NORTH POLAR LAYERED DEPOSITS	138239	\$321,124
Hines, Melissa	Chemistry and Chemical Biology	National Science Foundation	CAS: ENHANCING THE REACTIVITY AND PHOTOREACTIVITY OF METAL OXIDE SURFACES THROUGH FLUORINATION	138134	\$480,000
Holm, Tara	Mathematics	National Science Foundation (Through: NSF -> NSF Directorate for Mathematical and Physical Sciences)	MOMENTUM MAPS I SYMPLECTIC ALGEBRAIC AND DISCRETE GEOMETRY	81756	\$9,742
Holycross, Megan	Earth & Atmospheric Sciences	National Science Foundation	CALIBRATION OF THE LITHIUM-IN-FELDSPAR GEOSPEEDOMETER FOR TIMING MAGMATIC EVENTS	137420	\$405,922
Hoy, Ronald	Neurobiology and Behavior	National Science Foundation	COLLABORATIVE RESEARCH: EVOLUTIONARY AND FUNCTIONAL TRADE-OFFS IN EXTREME SENSORY CAPABILITIES OF A REMARKABLE CLADE OF NOCTURNAL PREDATORS	139185	\$725,171
Hwang, James	Materials Science Engineering	National Science Foundation (Through: Soctera Inc)	SCALING OF ALN/GAN/ALN HEMTS VIA MOLECULAR BEAM EPITAXY	138323	\$136,000
Hwang, James	Materials Science Engineering	National Science Foundation	COLLABORATIVE RESEARCH: HIGH-FREQUENCY, HIGH-POWER AMPLIFIER BASED ON DISTRIBUTED COUPLING OF GAN HEMTS THROUGH A SIC SUBSTRATE-INTEGRATED WAVEGUIDE	139703	\$325,000
Hysell, David	Earth & Atmospheric Sciences	National Science Foundation (Through: NSF -> NSF Directorate for Geosciences)	SPACE WEATHER AND THE JICAMARCA RADIO OBSERVATORY	82350	\$93,330
Jayawardhana, Ray	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: Association of Universities for Research in Astronomy)	STUDYING EXOPLANETARY MAGNETIC FIELDS USING RADIO AND HIGH-RESOLUTION SPECTROPOLARIMETRY OBSERVATIONS.	140124	\$134,168
Johnson, Elizabeth	CALS Nutritional Sciences	HHS -> PHS -> National Institutes of Health	SPHINGOLIPID-DEPENDENT HOST-MICROBE INTERACTIONS	91090	\$224,807
Jung, Malte	Information Science	National Science Foundation	CAREER: UNDERSTANDING AND ENABLING HUMAN-ROBOT COLLABORATION WITH GROUPS OF PEOPLE	90451	\$16,000
Jung, Sunghwan	CALS Biological & Environmental Engr	NSF -> NSF Directorate for Biological Sciences	MCA: EFFECTS OF UNSTEADY WIND AND SURFACE MORPHOLOGY ON THE PLANT TRANSPIRATION	138711	\$400,000

Ke, Ailong	Molecular Biology and Genetics	HHS -> PHS -> National Institutes of Health	MECHANISTIC INVESTIGATION OF RNA-MEDIATED GENE REGULATION AND IMMUNITY	92310	\$3,541,495
Ketterings, Quirine	CALS Animal Science	Foundation for Food & Agriculture Research (Through: Dairy Research Institute)	U.S. DAIRY NET ZERO INITIATIVE	92686	\$2,032,210
Kim, Eunah	Lab. of Atomic & Solid State Physics	Gordon and Betty Moore Foundation	ACCELERATING MACHINE-LEARNING-DRIVEN DISCOVERY IN QUANTUM MATERIALS	140175	\$800,000
Klinck, Holger	CALS Lab of O - Programs	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	\$22,853
Krasny, Marianne	CALS Natural Resources	USDA -> USDA US Forest Service	PASTO SECO, LAS PIEDRAS VIA COMMUNITY NATURAL RESOURCE RESTORATION	136431	\$15,000
Kress-Gazit, Hadass	Mechanical & Aerospace Engineering	DOD -> DOD US NAVY -> Office of Naval Research	PROBABLY-CORRECT, PERCEPTION-BASED COMPOSITION AND REPAIR FOR HIGH-LEVEL TASKS	136046	\$210,295
Kwak, Hojoong	Molecular Biology and Genetics	HHS -> PHS -> National Institutes of Health	HIGH RESOLUTION FUNCTIONAL MAPS OF ENHANCER RNA AND SUBCELLULAR RNA GRANULES IN HUMAN IMMUNE CELLS	137691	\$2,019,710
Lai, Dong	Center Astrophysics-Planetary Science	NSF -> NSF Directorate for Mathematical and Physical Sciences	DYNAMICAL TIDES IN WHITE DWARF BINARIES: THEORY AND APPLICATIONS	138092	\$585,799
Lal, Amit	Electrical & Computer Engineering	DOD -> DOD United States Army (Through: SEMI-FlexTech)	GENERALIZED MODULE FOR AI IN THE CLEANROOM	140244	\$325,000
Lamb, Elizabeth	CALS NYS Integrated Pest Management	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	PLANNING FOR THE FUTURE PESTS: UPDATING INTEGRATED PEST MANAGEMENT RESOURCES FOR NURSERY AND CHRISTMAS TREE PRODUCERS	92531	\$57,036
Lehner, Flavio	CALS Earth and Atmospheric Science	US DOC -> National Oceanic and Atmospheric Administration	DEVELOPMENT OF A HYDROLOGIC METRICS EVALUATION PACKAGE TO UNDERSTAND AND REDUCE HYDROLOGIC SENSITIVITY BIASES IN COUPLED EARTH SYSTEM MODELS	138128	\$327,184
Lin, Song	Chemistry and Chemical Biology	National Science Foundation	NSF-DFG ECHEM: HYDROFUNCTIONALIZATION OF ALKENES BY NON-REDOX PAIRED ELECTROCATALYSIS	137604	\$450,656
Linster, Christiane	Neurobiology and Behavior	HHS -> PHS -> National Institutes of Health	ROLE OF ANTERIOR OLFACTORY NUCLEUS FOR MULTI-SENSORY INTEGRATION IN THE OLFACTORY SYSTEM	137968	\$3,194,406
Loeb, Gregory	CALS Entomology	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	PROMOTING POLLINATORS IN NEW YORK BERRY CROPS IN THE ERA OF SPOTTED-WING DROSOPHILA	92477	\$99,341
Manning, Sturt	Classics	DOI -> National Park Service	CONDUCT GEOPHYSICAL SUB-SURFACE RESOURCE SURVEY AT ALASKA'S NATIONAL PARKS	79944	\$13,271
Margolin, Drew	CALS Communication	National Science Foundation	HHC: MEDIUM: DETERRING OBJECTIONABLE BEHAVIOR AND FOSTERING EMERGENT NORMS IN SOCIAL MEDIA CONVERSATIONS	137486	\$1,197,740
Matteson, David	Department of Statistics & Data Science	National Science Foundation	NEW FRONTIERS IN TIME SERIES ANALYSIS	138394	\$299,999
Mattson, Neil	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Midwest Area	OPTIMIZING CROP PRODUCTION WHILE REDUCING ENERGY USE THROUGH IMPROVED LIGHTING AND GREENHOUSE CONTROL SYSTEMS	136311	\$29,070
McArt, Scott	CALS Entomology	USDA -> USDA National Institute of Food and Agriculture	ITS ABOUT TIME: MULTI-HOST PARASITE SPILLOVER IN TEMPORALLY DYNAMIC COMMUNITIES	137536	\$2,500,000

McArt, Scott	CALS Entomology	USDA -> USDA ARS -> Ars Pacific West Area	ACQUISITION OF GOODS AND SERVICES	141526	\$17,028
McComas, Katherine	CALS Communication	National Science Foundation	DOCTORAL DISSERTATION RESEARCH IN DRMS: A CASE STUDY OF ENHANCED GEOTHERMAL SYSTEMS: THE INTERACTION OF IMAGINARIES OF PLACE AND ENERGY FOR RENEWABLE ENERGY TRANSITIONS	138036	\$24,631
McFadden, Joseph	CALS Animal Science	NSF -> NSF Directorate for Biological Sciences	COLLABORATIVE RESEARCH: REVISITING THE HOMEORHETIC MECHANISMS OF LACTATION: THE ROLE OF CERAMIDE	136619	\$1,021,609
McIntyre, Peter	CALS Natural Resources	NYS -> New York State Energy Research and Development Authority (Through: Rensselaer Polytechnic Institute)	PLANNING SCALE: A SURVEY OF CLIMATE CHANGE AND ADIRONDACK LAKE ECOSYSTEMS	138807	\$7,520
Mehta, Saurabh	Nutritional Sciences	NSF -> NSF Directorate for Engineering	PFI-TT: MOBILE DEVICE-BASED DETECTION OF TOXINS IN FOOD CROPS TO MONITOR FOOD SAFETY AND IMPROVE PUBLIC HEALTH	91946	\$49,998
Mueller, Erich	Lab. of Atomic & Solid State Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	THEORETICAL AMO STUDIES OF NON-EQUILIBRIUM AND EMERGENT MANY-BODY QUANTUM PHYSICS	138077	\$240,000
Nault, Brian	CALS Entomology	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	ADVANCING THRIPS MANAGEMENT IN ONION USING A NEW SAMPLING PLAN AND DIGITAL APPLICATION	92475	\$99,656
Nault, Brian	CALS Entomology	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	BIOLOGICAL CONTROL FOR MANAGING THE MOST SERIOUS PESTS OF POTATO IN CONVENTIONAL AND ORGANIC PRODUCTION SYSTEMS	92480	\$99,945
Niemack, Michael	Cornell Lab Accelerator Sciences & Ed	National Aeronautics and Space Administration	ADVANCING MICROWAVE KINETIC INDUCTANCE TECHNOLOGY FOR COSMOLOGY AND ASTROPHYSICS APPLICATIONS	138037	\$80,000
Nishimura, Nozomi	Biomedical Engineering	HHS -> PHS -> National Institutes of Health	SIMULTANEOUS, CELL-RESOLVED, BIOLUMINESCENT RECORDING FROM MICROCIRCUITS	137935	\$492,000
Nugen, Sam	CALS Food Science	USDA -> USDA National Institute of Food and Agriculture	IMPROVING BACTERIOPHAGE COMPATIBILITY WITH THE MAMMALIAN IMMUNE SYSTEM FOR ANIMAL HEALTH APPLICATIONS	136760	\$180,000
Nyrop, Jan	CALS PGRU/GGRU	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES (58-8060-1-005) FACILITIES	141006	\$36,300
Ober, Christopher	NanoScale Science & Technology Facility	NSF -> NSF Directorate for Engineering	NNCI: CORNELL NANOSCALE SCIENCE AND TECHNOLOGY FACILITY (CNF)	92613	\$50,000
Park, Barum	Sociology	National Science Foundation	COLLABORATIVE RESEARCH: DELIBERATION ONLINE: HOW ONLINE FOCI SHAPE CONVERSATION IN A POLARIZED ERA	138602	\$103,149
Paszek, Matthew	Chemical & Biomolecular Engineering	HHS -> PHS -> National Institutes of Health	BIOPHYSICAL REGULATION OF INTERCELLULAR COMMUNICATION BY THE GLYCOCALYX	91429	\$47,417
Pawlowska, Teresa	CALS Entomology	NSF -> NSF Directorate for Biological Sciences	REU SITE: MICROBIAL FRIENDS AND FOES: TOWARDS A SYNTHESIS OF INTERSPECIFIC INTERACTIONS	87901	\$57,718
Peck, Mason	Mechanical & Aerospace Engineering	National Aeronautics and Space Administration	NON-CONTACT EDDY-CURRENT MANIPULATION IN MICROGRAVITY ENVIRONMENTS (STUDENT: KATHERINE WILSON)	86785	\$70,000
Peck, Mason	Mechanical & Aerospace Engineering	Cateni Inc	SMALL SPACECRAFT WITH MOMENTUM BIAS	140537	\$40,000

Pritchard, Matthew	Earth & Atmospheric Sciences	National Science Foundation	GP-GO: GROWING THE NUMBER AND DIVERSITY OF NON-GEOSCIENCE UNDERGRADUATES IN THE CORNELL GRADUATE PROGRAMS IN ATMOSPHERIC AND GEOLOGICAL SCIENCES THROUGH A GEOSCIENCE LEARNING ECOSYST	138350	\$305,506
Pritchard, Matthew	Earth & Atmospheric Sciences	National Aeronautics and Space Administration	QUANTIFYING VOLCANIC ACTIVITY FROM SPACE WITH MULTIPLE SENSORS: THE CEOS VOLCANO DEMONSTRATOR PROJECT	136105	\$578,429
Pugh, Frank	Molecular Biology and Genetics	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	GENOME-WIDE REGULATION OF THE TATA BINDING PROTEIN (5R01GM059055)	136178	\$59,942
Ristenpart, Thomas	Tech Research	National Science Foundation	COLLABORATIVE RESEARCH: SATC: CORE: LARGE: PRIVACY-PRESERVING ABUSE PREVENTION FOR ENCRYPTED COMMUNICATIONS PLATFORMS	138695	\$2,628,174
Robinson, Terence	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	DESIGNER APPLE ROOTSTOCKS FOR NY STATE APPLE GROWERS	92525	\$99,979
Roeder, Adrienne	Weill Institute	NSF -> NSF Directorate for Biological Sciences	CAREER: INITIATION OF CELL SIZE PATTERNING IN ARABIDOPSIS	77379	\$36,350
Ruiz, Antonio	Neurobiology and Behavior	HHS -> PHS -> National Institutes of Health	HIPPOCAMPO-CORTICAL CIRCUIT MECHANISMS OF NEURONAL SEQUENCES DURING LEARNING	140212	\$746,681
Saloff-Coste, Laurent	Mathematics	National Science Foundation	HEAT KERNELS AND GEOMETRIES IN DISCRETE AND CONTINUOUS SETTINGS	137270	\$385,000
Scanlon, Michael	CALS School of Integrative Plant Science	National Science Foundation	COLLABORATIVE RESEARCH: MECHANISMS OF PROXIMAL-DISTAL PATTERNING IN THE MAIZE LEAF; DEVELOPMENTAL ONTOGENY OF THE LIGULE/AURICLE HINGE	137495	\$476,779
Scheinberg, Katya	Operations Research & Information Engr	National Science Foundation	COLLABORATIVE RESEARCH: AF: SMALL: ADAPTIVE OPTIMIZATION OF STOCHASTIC AND NOISY FUNCTION	91252	\$16,000
Schlom, Darrell	Materials Science Engineering	Intellectual Ventures, LLC	GROWTH, DOPING, AND ELECTRICAL TRANSPORT CHARACTERIZATION OF ULTRATHIN BI-2212 FILMS	139179	\$500,001
Shaw, Kerry	Neurobiology and Behavior	National Science Foundation	INVESTIGATING THE GENETIC CORRELATION HYPOTHESIS OF SIGNAL-PREFERENCE EVOLUTION	138200	\$1,145,645
Sheehan, Michael	CALS Neurobiology & Behavior	NSF -> NSF Directorate for Biological Sciences	CAREER: EVOLUTION OF INDIVIDUAL IDENTITY - PROCESSES SHAPING SHAPING PHENOTYPIC AND GENETIC DIVERSITY IN ANIMAL RECOGNITION SYSTEMS	84215	\$51,731
Shuler, Michael	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Cancer Institute (Through: UTS -> The University of Texas Southwestern Medical Center)	AN ORGANOTYPIC MODEL RECAPITULATING COLON CANCER MICROENVIRONMENT AND METASTASIS	139661	\$166,709
Shvets, Gennady	Applied & Engineering Physics	DOD -> DOD US AF -> Air Force Office of Scientific Research (Through: The Board of Trustees of the Leland Stanford Junior University)	TOPOLOGICAL PHENOMENA IN MAGNETIZED PLASMA STRUCTURES AND THEIR APPLICATIONS FOR EXTREME CONTROL OF ELECTROMAGNETIC WAVES	136981	\$1,100,000
Shvets, Gennady	Applied & Engineering Physics	National Science Foundation	INTERACTION OF ULTRA-INTENSE LASER PULSES WITH STRUCTURED TARGETS IN THE MULTI-PETAWATT REGIME	138100	\$477,295
Simpson, Kenneth	Clinical Sciences	Intralix Inc.	MODIFIED ROUTINE PRODUCT TESTING AGREEMENT: INTRALYTIX: ISOLATION AND CHARACTERIZATION OF E. COLI STRAINS TO DETERMINE THEIR AIEC PROFILE	141117	\$97,150

Smart, Larry	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	DOCUMENTATION, EVALUATION AND CHARACTERIZATION OF INDUSTRIAL HEMP GERMPASM	90931	\$500,000
Smith, Michelle	Ecology and Evolutionary Biology	National Science Foundation	COLLABORATIVE RESEARCH: FROM COMMUNITY TO PRACTICE: EVALUATING HOW OPEN EDUCATIONAL RESOURCES FACILITATE IMPLEMENTATION OF VISION AND CHANGE PRINCIPLES ACROSS DIVERSE INSTITUTIONS	138932	\$773,789
Sorrells, Mark	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	BARLEY PEST INITIATIVE	140447	\$10,080
Sosoe, Philippe	Mathematics	The Simons Foundation Inc	FLUCTUATIONS IN DISORDERED SYSTEMS	138839	\$84,000
Stokol, Tracy	Population Medicine & Diagnostic Science	HHS -> PHS -> National Institutes of Health (Through: Weill Cornell Medicine)	A MULTIPLEXED APPROACH TO IMPROVE TUMORAL TARGETING AND CHEMOTHERAPEUTIC TREATMENT	85250	\$19,076
Strauss, Barry	History	Lynde and Harry Bradley Foundation Inc	BRADLEY GRADUATE FELLOWSHIP PROGRAM FY22	140655	\$25,000
Tufan, Hale	CALS Global Development	International Livestock Research Institute	GREAT PHASE II	139904	\$423,802
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA ARS -> ARS Northeast Area	ACQUISITION OF GOODS AND SERVICES	141268	\$47,097
Vitousek, Maren	CALS Ecology & Evolutionary Biology	National Science Foundation	COLLABORATIVE RESEARCH: DOES RESPONDING TO STRESSORS PRIME GREATER RESILIENCE? TESTING THE LONG-TERM EFFECTS OF CHALLENGES ON BEHAVIOR, PHYSIOLOGY, EPIGENETIC STATE, AND FITNESS.	138960	\$799,773
Wang, Ping	CALS Entomology	USDA -> USDA National Institute of Food and Agriculture	UNDERSTANDING THE MOLECULAR GENETIC BASIS OF A NOVEL MECHANISM OF BT RESISTANCE IN INSECTS FOR RISK ASSESSMENT OF BT-CROPS	139148	\$500,000
Warden, Melissa	CALS Neurobiology & Behavior	HHS -> PHS -> National Institutes of Health	LATERAL HABENULA CIRCUITS FOR THE REGULATION OF GOAL- DIRECTED BEHAVIOR	137659	\$1,883,725
Weaver, Russell	Resident Outreach Department	John R Oishei Foundation	MAPPING AND DATA ANALYSIS INTERNSHIP FOR SOCIAL IMPACT	141210	\$48,325
Weeden, Kim	Sociology	Pride Foundation	WHAT WE KNOW PROJECT (WWKP)	141020	\$10,000
Weiss, Robert	Biomedical Sciences	HHS -> PHS -> National Institutes of Health (Through: HHS -> PHS -> NIH -> NIH National Cancer Institute)	TARGETING THE DEPENDENCY OF CANCER CELLS ON THE SIRTUIN SIRT5	87611	\$235,192
Wilson, Justin	Chemistry and Chemical Biology	DOE -> DOE Office of Science	TUNING THE ION SIZE SELECTIVITY OF MACROCYCLIC AQUEOUS COMPLEXANTS FOR USE IN RARE EARTH ELEMENT SEPARATIONS	91199	\$340,000
Young, Cristobal	Sociology	Washington Center for Equitable Growth	MILLIONAIRE MIGRATION AFTER THE TRUMP TAX BILL: IMPLICATIONS FOR PROGRESSIVE TAXATION	140110	\$34,224
Yu, Christina	Operations Research & Information Engr	National Science Foundation	CNS CORE: MEDIUM: RESOURCE CONSTRAINED REINFORCEMENT LEARNING FOR COMPUTING SYSTEMS	91273	\$15,600
Yu, Qiuming	Chemical & Biomolecular Engineering	National Science Foundation	TWO-DIMENSIONAL CHIRAL PEROVSKITES WITH TUNABLE QUANTUM WELL AND CHARGE TRANSPORT	138247	\$460,000