

Cornell University, Office of Sponsored Programs
Awards Received in June 2020

| Principal Investigator | Department | Sponsor | Project Title | OSP# | Amount |
|-------------------------------|--|---|---|-------------|---------------|
| Abbaspourrad, Alireza | CALS Food Science | Nestle S.A. | DELIVERY SYSTEM DESIGN FOR SPECIFIC AMINO ACIDS | 89378 | \$165,000 |
| Abbaspourrad, Alireza | CALS Food Science | National Science Foundation (Through: University Of Southern Mississippi) | DEVELOPING PROCESS AND PROCEDURES FOR THE REFINEMENT OF SURFLAM AND OCEAN QUAHOG SHELLS INTO CALCIUM CARBONATE (CaCO ₃) | 93156 | \$50,000 |
| Afridi, Khurram | Electrical & Computer Engineering | Toyota Material Handling North America Inc. | DYNAMIC CAPACITIVE WIRELESS CHARGING SYSTEM FOR AUTONOMOUS MATERIAL HANDLING VEHICLES | 91255 | \$238,692 |
| Alcaine, Samuel | CALS Food Science | USDA -> National Institute of Food and Agriculture | THE USE OF BRETTANOMYCES CLAUSSENII FOR THE PRODUCTION OF VALUE-ADDED GOODS FROM AGRICULTURAL BY-PRODUCTS | 90734 | \$120,000 |
| Antaki, James | Biomedical Engineering | DOD -> ARMY -> U.S. Army Medical Research Acquisition Activity | PEDIAFLOW TREATMENT FOR CONGENITAL HEART FAILURE IN INFANTS & CHILDREN | 89495 | \$4,704,882 |
| Artzi, Yoav | Tech Research | National Science Foundation | CAREER: SCALABLE LEARNING AND MODELS FOR MAPPING INSTRUCTIONS TO ACTIONS | 83871 | \$8,000 |
| Azenkot, Shiri | JTC Research | National Science Foundation | CHS: SMALL: COLLABORATIVE RESEARCH: IMPROVING MOBILE DEVICE INPUT FOR USERS WHO ARE BLIND OR LOW VISION | 88578 | \$16,000 |
| Azenkot, Shiri | JTC Research | National Science Foundation | CAREER: DESIGNING HEAD-MOUNTED DISPLAY SYSTEMS TO SUPPORT PEOPLE WITH LOW VISION IN OUTDOOR NAVIGATION | 90677 | \$550,000 |
| Barbasch, Dan | Mathematics | National Science Foundation | UNIPOTENT REPRESENTATIONS AND ASSOCIATED CYCLES | 91368 | \$179,999 |
| Barrett, Caitlin | Classics | National Geographic Society | MODELING SPACE AND EXPERIENCE AT POMPEII: THE CASA DELLA REGINA CAROLINA PROJECT | 91450 | \$29,937 |
| Barthelmie, Rebecca | Mechanical & Aerospace Engineering | United States Department of Energy (Through: NYS -> New York State Energy Research and Development Authority) | OPTIMIZING WIND FARMS TO MINIMIZE ARRAY-ARRAY INTERACTIONS IN OFFSHORE LEASE AREAS | 90047 | \$299,997 |
| Bicalho, Rodrigo | Population Medicine & Diagnostic Science | Zoetis Inc | EXPERIMENTAL METRITIS INDUCTION MODEL DEVELOPMENT ON POST PARTURIENT PRIMIPAROUS DAIRY COWS | 136556 | \$300,000 |
| Bogdanove, Adam | CALS School of Integrative Plant Science | NSF -> Directorate for Biological Sciences | QUANTITATIVE TRAIT LOCUS EDITING FOR CROP IMPROVEMENT | 73690 | \$53,018 |
| Brown, Susan | CALS School of Integrative Plant Science | New York Apple Growers and Processors Association, Inc. | NEW YORK APPLE GROWERS | 62119 | \$110,446 |
| Buck, Louise | CALS Natural Resources | Ecoagriculture Partners | LANDSCAPE OUTCOME MEASURES II | 58077 | \$158,849 |
| Bunting-Howarth, Katherine | CALS Sea Grant | US DOC -> National Oceanic and Atmospheric Administration (Through: University Of Connecticut) | DEVELOPING A MARINE DEBRIS ACTION PLAN FOR LONG ISLAND SOUND | 92163 | \$24,286 |
| Bunting-Howarth, Katherine | CALS Sea Grant | US DOC -> National Oceanic and Atmospheric Administration | DEVELOPING A STRONG, SUSTAINABLE NEW YORK STATE AQUACULTURE NETWORK | 136186 | \$239,050 |
| CHEN, Prof., Peng | Chemistry and Chemical Biology | DOD -> ARMY -> US ARL -> U.S. Army Research Office | SUPER-RESOLUTION IMAGING OF SURFACE-PLASMON ENHANCED CATALYSIS AT NANOSCALE GAPS | 81345 | \$153,478 |
| CHEN, Prof., Peng | Chemistry and Chemical Biology | HHS -> PHS -> NIH -> National Institute of General Medical Sciences | UNUSUAL MECHANISMS OF METAL REGULATION DOWN TO SINGLE-CELL SINGLE-MOLECULE LEVEL | 87475 | \$253,574 |

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| Casteel, Clare | CALS School of Integrative Plant Science | USDA -> National Institute of Food and Agriculture | INVESTIGATING THE ROLE OF INSECT-VECTORED VIRUSES IN MULTI-TROPHIC INTERACTIONS | 90755 | \$164,996 |
| Cerione, Richard | Molecular Medicine | HHS -> PHS -> NIH -> National Cancer Institute | THE UNIQUE ROLES OF THE GTP-BINDING/PROTEIN CROSSLINKING ENZYME TRANSGLUTAMINASE-2 AND SIGNALING PARTNERS IN AGGRESSIVE CANCERS | 90550 | \$2,141,772 |
| Chappie, Joshua | Molecular Medicine | USDA -> National Institute of Food and Agriculture | ELUCIDATING STRUCTURE AND LOCALIZATION OF LUTEOVIRIDS AS A MEANS TO CHARACTERIZE PATHOGEN-VECTOR INTERACTIONS | 90740 | \$180,000 |
| Coates, Geoffrey | Chemistry and Chemical Biology | Exxon Mobil Corporation | POLYLACTONES FROM SIMPLE OLEFINS | 83647 | \$140,000 |
| Cohn, Abigail | South East Asia Program | The Henry Luce Foundation Inc | INSTITUTIONALIZING AND DEVELOPING THE CONSORTIUM FOR GRADUATE EDUCATION AND TRAINING IN SOUTHEAST ASIAN STUDIES (GETSEA) | 92397 | \$275,000 |
| Cox, Kerik | CALS School of Integrative Plant Science | USDA -> National Institute of Food and Agriculture | ADVANCING SUSTAINABILITY OF APPLE SCAB MANAGEMENT THROUGH INTEGRATION OF ALTERNATIVE APPROACHES | 90680 | \$120,000 |
| Daniel, Susan | Chemical & Biomolecular Engineering | National Science Foundation | COLLABORATIVE RESEARCH: EAGER: UNCOVERING THE ROLE OF GOLGI ORGANIZATION ON FUNCTION | 89844 | \$36,500 |
| Daughtrey, Margery | CALS School of Integrative Plant Science | BASF SE | TESTING SERVICES AGREEMENT | 136167 | \$7,000 |
| Davis, Damek | Operations Research & Information Engr | Alfred P Sloan Foundation | 2020 SLOAN RESEARCH FELLOWSHIP | 93252 | \$75,000 |
| Davis, J.C. Seamus | Lab. of Atomic & Solid State Physics | Gordon and Betty Moore Foundation | EXIMIUM QUANTUM MATTER | 92737 | \$1,600,000 |
| De Jong, Walter | CALS School of Integrative Plant Science | Empire State Potato Growers Inc | FRESH POTATO BREEDING AND EVALUATION (2020-2022) | 136491 | \$10,000 |
| De Vlaminck, Iwijn | Biomedical Engineering | Kenneth Rainin Foundation (Through: Weill Cornell Medicine) | CELL-FREE DNA AS A NON-INVASIVE TEST OF BACTERIAL TRANSLOCATION, ILEAL INFLAMMATION, AND EXTRA-INTEGNAI CROHN'S DISEASE | 89329 | \$100,000 |
| DeLisa, Matthew | Chemical & Biomolecular Engineering | Prellis Biologics Inc | RAPID ISOLATION OF COVID-19-SPECIFIC ANTIBODIES USING YEAST SURFACE DISPLAY | 93245 | \$50,000 |
| DeLisa, Matthew | Chemical & Biomolecular Engineering | DOD -> Defense Threat Reduction Agency | THRUST AREA 7, TOPIC I-4: IDENTIFICATION OF NOVEL METHODS FOR IMPROVING THE PHARMACOKINETIC PROPERTIES OF PROTEINS | 90425 | \$2,250,000 |
| Degaetano, Arthur | CALS Earth and Atmospheric Science | Chesapeake Bay Trust (Through: Rand Corporation) | PILOTING THE DEVELOPMENT OF PROBABILISTIC INTENSITY DURATION FREQUENCY (IDF) CURVES FOR THE CHESAPEAKE BA WATERSHED | 92071 | \$60,903 |
| Delimitrou, Christina | Electrical & Computer Engineering | Alfred P Sloan Foundation | 2020 SLOAN RESEARCH FELLOWSHIP | 93251 | \$75,000 |
| Derry, Louis | Earth & Atmospheric Sciences | National Science Foundation | DEVELOPMENT OF GALLIUM-ALUMINUM RATIOS AS A TRACER OF THE CRITICAL ZONE BEHAVIOR OF A1 | 81094 | \$39,755 |
| DiTommaso, Antonio | CALS School of Integrative Plant Science | USDA -> Rural Development | NEW YORK AGRIVOLTAIC DEVELOPMENT ASSISTANCE | 92430 | \$100,000 |
| Diamessis, Pete | Civil & Environmental Engineering | National Science Foundation | COLLABORATIVE RESEARCH: INTERNAL SWASH ZONES AND BOUNDARY-INTERIOR EXCHANGE: HIGH-ACCURACY MODELING AND FIELD OBSERVATIONS | 89251 | \$934,180 |
| Dogan, Timur | Architecture | Park Foundation Inc | DYNAMIC URBAN BUILDING STOCK MODELS FOR ENERGY AND CARBON FOOTPRINT ASSESSMENT TO DRIVE AN INTERACTIVE DECISION-MAKING FRAMEWORK FOR ITHACAS 2030 CARBON NEUTRALITY GOALS | 92804 | \$27,500 |
| Elvinger, Francois | Animal Health Diagnostic Center | Zoetis Inc | EQUINE SAA | 136359 | \$11,387 |
| Erickson, David | Mechanical & Aerospace Engineering | HHS -> PHS -> National Institutes of Health (Through: University Of Houston) | A BIOMARKER PANEL BASED SMART MINI-ARRAY SYSTEM FOR THE HOMECARE OF AUTOIMMUNE KIDNEY DISEASES | 87008 | \$476,231 |

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| Fuchs, Marc | CALS School of Integrative Plant Science | USDA -> Agricultural Marketing Service (Through: California State University, Fresno) | REMOTE SENSING-ASSISTED SCOUTING OF VIRUS INFECTIONS II GRAPEVINE | 88494 | \$91,503 |
| Fuller, Angela | CALS Natural Resources | NYS -> New York State Department of Environmental Conservation | WILDLIFE RESEARCH AND MANAGEMENT SUPPORT IN NEW YORK STATE | 92218 | \$2,489,080 |
| Goddard, Julie | CALS Food Science | USDA -> National Institute of Food and Agriculture | TREHALOSE DECORATED NANOSTRUCTURES AS EXCIPIENTS FOR ENZYME STABILIZATION | 90695 | \$469,000 |
| Goldberg, Jesse | Neurobiology and Behavior | HHS -> PHS -> National Institutes of Health | NEURAL MECHANISMS OF PERFORMANCE EVALUATION DURING MOTOR SEQUENCE LEARNING | 92750 | \$1,845,175 |
| Goldfarb, Jillian | CALS Biological & Environmental Engr | Koppers Company | UPCYCLING OF SPENT RAILROAD TIES | 92666 | \$53,067 |
| Gore, Michael | CALS School of Integrative Plant Science | NSF -> Directorate for Biological Sciences (Through: Michigan State University) | RESEARCH-PGR: A GENOME-LEVEL APPROACH TO BALANCING THE VITAMIN CONTENT OF MAIZE GRAIN | 76820 | \$38,476 |
| Green, Gregory | Echols Southeast Asia Collection | The Henry Luce Foundation Inc (Through: Ohio University) | THE SOUTHEAST ASIA DIGITAL LIBRARY: A NEW APPROACH TO BUILDING AND CURATING A DIGITAL LIBRARY | 89094 | \$346,753 |
| Grimson, Andrew | Molecular Biology and Genetics | HHS -> PHS -> NIH -> AIDS Reagent Program | A SINGLE COMPREHENSIVE ASSAY FOR GENE REGULATORY PROFILING OPTIMIZED FOR MINIMAL SAMPLE INPUT REQUIREMENTS | 90844 | \$2,155,753 |
| Grohn, Yrjo | Population Medicine & Diagnostic Science | USDA -> National Institute of Food and Agriculture | USING WHOLE GENOME SEQUENCING DATA TO IMPROVE MYCOBACTERIUM BOVIS OUTBREAK INVESTIGATION EFFICIENCY | 90721 | \$120,000 |
| Gurvich, Itai | Tech Research | National Science Foundation | NSF/FDA SIR: A MODELING TOOL FOR ASSESSMENT OF RADIOLOGICAL WORKFLOW PRIORITIZATION BASED ON COMPUTER-ASSISTED DIAGNOSIS | 90133 | \$150,000 |
| Havas, Karyn | Population Medicine & Diagnostic Science | DOD -> Defense Threat Reduction Agency | AN EVALUATION OF AFRICAN SWINE FEVER PRESENTATION AND DISTRIBUTION IN UGANDA | 88134 | \$1,462,644 |
| Hayes, Alexander | Center Astrophysics-Planetary Science | NSF -> Directorate for Mathematical and Physical Sciences | REU SITE: ASTROPHYSICS AND PLANETARY SCIENCE AT CORNELL UNIVESTIY | 91087 | \$34,527 |
| Hayes, Alexander | Center Astrophysics-Planetary Science | National Aeronautics and Space Administration (Through: NASA - > Jet Propulsion Laboratory) | INVESTIGATING TITAN AS A SEDIMENTARY WORLD | 136350 | \$47,628 |
| Hayes, Alexander | Center Astrophysics-Planetary Science | National Aeronautics and Space Administration (Through: NASA - > Jet Propulsion Laboratory) | HABITABILITY OF HYDROCARBON WORLDS: TITAN AND BEYOND - YEAR 2 | 84005 | \$10,000 |
| Higgins, Elizabeth | CALS Cornell Cooperative Extension | USDA -> National Institute of Food and Agriculture (Through: University Of Delaware) | REDUCING RISK IN FRUIT AND VEG PRODUCTION THROUGH IMPROVED ON-BOARDING OF NEW FARM EMPLOYEES | 91913 | \$29,631 |
| Jackson, Mark | Law Clinic and Skills Instruction | John S. And James L. Knight Foundation, Inc. | TO SUPPORT GREATER FREEDOM OF THE PRESS BY PROVIDING DIRECT PRO BONO LEGAL SERVICES TO LOCAL AND REGIONAL JOURNALISTS AND JOURNALISM ORGANIZATIONS IN NY, PA, VERMONT AND OTHER NEARBY STATES | 92900 | \$1,000,000 |
| Jackson, Randy | CALS Natural Resources | NYS -> New York State Department of Environmental Conservation | ONEIDA LAKE WARMWATER FISHERIES RESEARCH | 89821 | \$1,610,964 |
| Joo, Yong | Chemical & Biomolecular Engineering | Denso International America Inc | GRAPHENE-COPPER HYBRID DEPOSITION FOR ENHANCED HEAT DISSIPATION | 93101 | \$125,000 |

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| Ju, Wendy | JTC Instruction | National Science Foundation | RAPID: TRACKING URBAN MOBILITY AND OCCUPANCY UNDER SOCIAL DISTANCING POLICY | 92950 | \$49,705 |
| Justice, Deborah | Music | National Endowment for the Arts (Through: Mid Atlantic Arts Foundation) | JAZZ TOURING NETWORK: STEFON HARRIS AND BLACKOUT | 90873 | \$1,600 |
| Kaltenegger, Lisa | Center Astrophysics-Planetary Science | The Brinson Foundation | SEARCH FOR LIFE IN THE UNIVERSE | 92585 | \$50,000 |
| Kan, Edwin | Electrical & Computer Engineering | National Science Foundation | RAPID: SCREENING AND PROGNOSIS OF COVID-19 BY A NOVEL RF STETHOSCOPE | 136107 | \$200,000 |
| Kling, Catherine | Atkinson Center for a Sustainable Future | Wal-Mart Foundation Inc (Through: The Nature Conservancy Inc) | DO CONSERVATION PRACTICES INCREASE RESILIENCE TO WEATHER SHOCKS? EVIDENCE FROM COUNTY-LEVEL OPTIS DATA | 135978 | \$72,419 |
| Levy, Karen | Information Science | John D and Catherine T MacArthur Foundation (Through: Institute Of International Education Inc) | GOVERNANCE OF HIGH-STAKES ALGORITHMS: LESSONS FROM KIDNEY TRANSPLANT | 136139 | \$25,000 |
| Levy, Karen | Information Science | John D and Catherine T MacArthur Foundation (Through: University Of Virginia) | MACARTHUR PRETRIAL RISK ASSESSMENT STUDY | 93035 | \$98,334 |
| Lindau, Manfred | Applied & Engineering Physics | HHS -> PHS -> NIH -> National Institute of Neurological Disorders and Stroke | DEVELOPMENT OF A HIGH RESOLUTION ASSAY TO CHARACTERIZE EXOCYTOTIC VESICLE FUSION | 91502 | \$460,758 |
| Lis, John | CALS Molecular Biology & Genetics | HHS -> PHS -> National Institutes of Health | CONTROL OF POLYMERASE PAUSING BEFORE AND AFTER INDUCING TRANSCRIPTION | 87784 | \$3,700 |
| Loeb, Gregory | CALS Entomology | USDA -> National Institute of Food and Agriculture | DETERMINING THE SPATIO-TEMPORAL DYNAMICS OF CULTIVATED AND WILD RESOURCE USE BY DROSOPHILA SUZUKII USING NOVEL QPCR GUT CONTENTS ANALYSIS | 90650 | \$165,000 |
| Mann, Sabine | Population Medicine & Diagnostic Science | USDA -> National Institute of Food and Agriculture | THE ROLE OF NUTRIENT AND CALCIUM AVAILABILITY IN MODULATING INFLAMMATION: CAN WE HARNESS IMMUNOMETABOLISM TO IMPROVE TRANSITION COW HEALTH? | 90697 | \$165,000 |
| Manning, Sturt | Classics | DOI -> National Park Service | CONDUCT GEOPHYSICAL SUB-SURFACE RESOURCE SURVEY AT ALASKA'S NATIONAL PARKS | 79944 | \$26,447 |
| Marschner, Stephen | Computer Science | Facebook Inc | VIRTUAL MATERIAL RESEARCH | 136062 | \$208,063 |
| Martinez, Jose | Electrical & Computer Engineering | SRC -> SRCco Inc (Through: University Of Virginia) | CRISP: CENTER FOR RESEARCH ON INTELLIGENT STORAGE AND PROCESSING-IN-MEMORY | 83944 | \$30,000 |
| Mattson, Neil | CALS School of Integrative Plant Science | USDA -> National Institute of Food and Agriculture | ACCELERATING WORKFORCE DEVELOPMENT FOR THE CONTROLLED ENVIRONMENT AGRICULTURE INDUSTRY | 91056 | \$495,799 |
| Mazourek, Michael | CALS School of Integrative Plant Science | United States-Israel Binational Agricultural Research and Development Fund (Through: USDA -> ARS -> ARS Northeast Area) | GENETIC ELEMENTS THAT CONTROL COLOR FORMATION IN MELON FRUIT | 88088 | \$53,401 |
| McDermott, Laura | CALS Cornell Cooperative Extension | USDA -> National Institute of Food and Agriculture (Through: University Of New Hampshire) | ADVANCING STRAWBERRY PRODUCTION IN THE NORTHEAST | 91624 | \$48,312 |
| Michener, Jamila | Government | Robert Wood Johnson Foundation | HEALTH EQUITY AT THE NEXUS OF WIC AND MEDICAID | 93009 | \$400,526 |
| Mueller, Erich | Lab. of Atomic & Solid State Physics | NSF -> Directorate for Mathematical and Physical Sciences | THEORETICAL AMO STUDIES FOR ENHANCED UNDERSTANDING AND CONTROL OF EMERGENT QUANTUM PHYSICS | 85023 | \$5,000 |

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| Muller, David | Applied & Engineering Physics | United States Department of Energy (Through: General Motors Company) | DURABLE FUEL CELL MEA THROUGH IMMOBILIZATION OF CATALYST PARTICLE AND MEMBRANE CHEMICAL STABILIZER | 89940 | \$360,000 |
| Mutschler-Chu, Martha | CALS School of Integrative Plant Science | California Tomato Research Institute | COMPLETION OF INSECT RESISTANCE SOURCE LINE FOR TRANSFER RESISTANCE TO INSECTS AND INSECT TRANSMITTED VIRUS PROCESSING TOMATO | 91746 | \$30,000 |
| Nault, Brian | CALS Entomology | Greenlight Biosciences Inc | SPONSORED PRODUCT TESTING AGREEMENT | 93150 | \$27,400 |
| O'Grady, Patrick | CALS Entomology | National Science Foundation | RAPID: NATIONAL DROSOPHILA SPECIES STOCK CENTER COVID-19 RELIEF AND RECOVERY | 93155 | \$198,710 |
| Parker, John | Baker Institute for Animal Health | HHS -> PHS -> NIH -> Office of the Director, National Institutes of Health | GRADUATE TRAINING PROGRAM IN COMPARATIVE MEDICINE | 89827 | \$2,528,132 |
| Peeva, Irena | Mathematics | National Science Foundation | SYZYGIES | 91382 | \$272,325 |
| Pethybridge, Sarah | CALS School of Integrative Plant Science | USDA -> National Institute of Food and Agriculture (Through: Iowa State University of Science and Technology) | RESILIENT SYSTEMS FOR SUSTAINABLE MANAGEMENT OF CUCURBIT CROPS | 89957 | \$414,585 |
| Rangarajan, Anu | CALS School of Integrative Plant Science | NYS -> Empire State Development (Through: Center For Agricultural Development & Entrepreneurship Inc) | VISION 2050: NYS AS THE NORTHEASTS LEADING FOODSHED | 87650 | \$158,774 |
| Reed, Kristan | CALS Animal Science | USDA -> National Institute of Food and Agriculture | THE RUMINANT FARM SYSTEMS (RUFAS) MODEL: A NEXT-GENERATION, WHOLE-FARM, DAIRY SYSTEMS MODEL TO SUPPORT SUSTAINABLE PRODUCTIVITY AND ENVIRONMENTAL HEALTH | 90875 | \$1,000,000 |
| Riechers, Dominik | Center Astrophysics-Planetary Science | National Aeronautics and Space Administration (Through: Association of Universities for Research in Astronomy) | RISE OF THE TITANS: UNVEILING THE NATURE OF A BINARY HYPER-LUMINOUS STARBURST AT REDSHIFT 6 | 90773 | \$52,839 |
| Rizvi, Syed | CALS Food Science | USDA -> National Institute of Food and Agriculture | NOVEL ON-DEMAND AND POINT-OF-USE FLASH FREEZING SYSTEM FOR LIQUID FOODS: APPLICATION TO ICE CREAM MANUFACTURING | 90692 | \$494,000 |
| Roberts, Kenneth | Latin American Studies Program | ED -> Office of Innovation and Improvement | INTEGRATING THE SCIENCES, SOCIAL SCIENCES, AND HUMANITIES IN LATIN AMERICAN STUDIES | 87635 | \$53 |
| Rose, Jocelyn | CALS School of Integrative Plant Science | BASF SE -> BASF Corporation USA | DEVELOPMENT OF A MODEL SYSTEM | 92733 | \$10,070 |
| Savransky, Dmitry | Mechanical & Aerospace Engineering | National Aeronautics and Space Administration | SPACE GRANT COLLEGE AND FELLOWSHIP PROGRAM, 2020-2024 | 90830 | \$2,815,000 |
| Savransky, Dmitry | Mechanical & Aerospace Engineering | National Aeronautics and Space Administration (Through: The Board of Trustees of the Leland Stanford Junior University) | CHARACTERIZING EXTRASOLAR PLANETARY SYSTEMS WITH THE WFIRST CORONAGRAPH | 77923 | \$102,742 |
| Schaffer, Chris | Biomedical Engineering | HHS -> PHS -> NIH -> National Institute of Neurological Disorders and Stroke (Through: Weill Cornell Medicine) | APOE4 AND MECHANISMS OF DIFFUSE WHITE MATTER INJURY | 79791 | \$3,830 |
| Schang, Luis | Baker Institute for Animal Health | HHS -> PHS -> NIH -> National Institute of Allergy and Infectious Diseases | CHROMATIN DYNAMICS IN THE REGULATION OF HERPES SIMPLEX VIRUS 1 GENE EXPRESSION | 91439 | \$1,880,992 |

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| Schlom, Darrell | Materials Science Engineering | National Science Foundation (Through: UCAL -> The Regents of the University of California on behalf of its Los Angeles Campus) | NSF NANOSYSTEMS ENGINEERING RESEARCH CENTER FOR TRANSLATIONAL APPLICATIONS OF NANOSCALE MULTIFERROIC SYSTEMS TANMS | 65631 | \$100,000 |
| Schuldt, Jonathon | Roper Flow Through | NSF -> Directorate for Social, Behavioral and Economic Sciences | RAPID: UNDERSTANDING INCREASED SOCIAL BIAS DURING THE COVID-19 CRISIS IN THE UNITED STATES | 93094 | \$192,235 |
| Scott, Jeffrey | CALS Entomology | HHS -> PHS -> National Institutes of Health | DETERMINING THE LEVELS OF RESISTANCE AND PATTERNS OF CROSS-RESISTANCE FOR COMMON KDR ALLELES IN AEADES AEGYPTI | 90678 | \$423,200 |
| Sethupathy, Praveen | Biomedical Sciences | HHS -> PHS -> NIH -> National Institute of Environmental Health Sciences (Through: University Of North Carolina Chapel Hill) | THE UNC CHAPEL HILL SUPERFUND RESEARCH PROGRAM (UNC-SRP) | 88840 | \$976,978 |
| Shan, Jie | Applied & Engineering Physics | National Science Foundation | INVESTIGATING MANY-BODY STATES OF INTERLAYER EXCITONS IN 2D ATOMIC DOUBLE LAYERS | 91720 | \$475,000 |
| 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 | \$240,000 |
| Shepherd, Robert | Mechanical & Aerospace Engineering | DOD -> US NAVY -> Office of Naval Research | ROBOTIC EELS USING ELECTROLYTIC HYDRAULICS FOR LONG-DURATION AUTONOMOUS SOIL SURVEYING | 92392 | \$450,000 |
| Shvets, Gennady | Applied & Engineering Physics | DOD -> US AF -> Air Force Research Laboratory (Through: Alion Science And Technology) | PHOTONIC TOPOLOGICAL STRUCTURES BASED ON TWO-DIMENSIONAL AND PLASMONIC MATERIALS | 92594 | \$90,000 |
| Simoes-Costa, Marcos | CALS Molecular Biology & Genetics | HHS -> PHS -> National Institutes of Health | A TFAP2-MEDIATED MOLECULAR SWITCH FOR NEURAL CREST INDUCTION AND SPECIFICATION | 87785 | \$1,008 |
| Smith, Michelle | Ecology and Evolutionary Biology | William and Flora Hewlett Foundation (Through: Bates College) | CREATION OF A SUSTAINABLE PLATFORM THAT BENEFITS COURSESOURCE AND QUBESHUB | 136138 | \$20,000 |
| Snyder, Abigail | CALS Food Science | USDA -> National Institute of Food and Agriculture (Through: The Ohio State University) | DOCUMENT DEVELOPMENT AND MANAGEMENT TRAINING FOR SMALL-SCALE PROCESSORS OF FERMENTED AND ACIDIFIED FOODS | 91008 | \$50,657 |
| Sorrells, Mark | CALS School of Integrative Plant Science | USDA -> ARS -> ARS Northeast Area | DEVELOPMENT OF FHB RESISTANT WHEAT AND BARLEY VARIETIES FOR NORTHEASTERN U.S. (FY20) | 135995 | \$154,958 |
| Spitz, Judith | Tech Research | Citigroup Foundation | WITNY NATIONAL EXPANSION | 91980 | \$250,000 |
| Steen, Paul | Chemical & Biomolecular Engineering | National Science Foundation | ISS: UNMASKING CONTACT LINE MOBILITY FOR INERTIAL SPREADING USING DROP VIBRATION AND COALESCENCE | 79402 | \$59,999 |
| Strauss, Barry | History | Lynde and Harry Bradley Foundation Inc | BRADLEY GRADUATE AND POST-GRADUATE FELLOWSHIP PROGRAM | 136343 | \$25,000 |
| Suh, Edward | Electrical & Computer Engineering | National Science Foundation | SHF: SMALL: DYNAMIC GATING AND ADAPTATION OF DEEP NEURAL NETWORKS FOR EFFICIENT INFERENCE AND TRAINING | 91251 | \$500,000 |
| 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 | \$195,749 |
| Templier, Nicolas | Mathematics | National Science Foundation | FAMILIES OF AUTOMORPHIC FORMS WITH PRESCRIBED LOCAL BEHAVIOR | 91371 | \$350,001 |

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| Turner, Andy | Bronfenbrenner Ctr forTranslational Rsch | USDA -> National Institute of Food and Agriculture | 4-H UNITY (URBAN NEIGHBORHOODS IMPROVED THROUGH YOUTH) | 86650 | \$10,000 |
| Umrigar, Cyrus | Lab. of Atomic & Solid State Physics | NSF -> Directorate for Computer and Information Science and Engineering (Through: Virginia Polytechnic Institute and State University) | YUAN YAO MOLECULAR SCIENCES SOFTWARE INSTITUTE (MOISSI) FELLOWSHIP: IMPROVING BASIS SET CONVERGENCE IN SHCI | 92030 | \$85,813 |
| Walter, Todd | CALS Biological & Environmental Engr | NYS -> New York State Department of State (Through: Ecologic LLC) | SMALL EQUIPMENT PURCHASE | 136473 | \$4,120 |
| Wang, Jane | Mechanical & Aerospace Engineering | The Simons Foundation Inc | ANALYSIS OF INSECT FLIGHT | 91275 | \$93,083 |
| Wang, Michelle | Lab. of Atomic & Solid State Physics | HHS -> PHS -> NIH -> National Institute of General Medical Sciences | TRAINING IN MOLECULAR PHYSICS OF BIOLOGICAL SYSTEMS | 79044 | \$8,710 |
| Wang, Yadong | Biomedical Engineering | HHS -> PHS -> NIH -> National Heart, Lung, and Blood Institute (Through: SUNY -> State University of New York Stony Brook) | NOVEL SURFACE-MODIFIED BIORESORBABLE ZINC-BASED STEN' MATERIALS | 91396 | \$509,588 |
| Warner, Simeon | Information Technology Dept | The Andrew W Mellon Foundation (Through: The Board of Trustees of the Leland Stanford Junior University) | LINKED DATA FOR PRODUCTION: CLOSING THE LOOP | 92210 | \$744,990 |
| Weber-Shirk, Monroe | Civil & Environmental Engineering | National Science Foundation | PFI-TT: BRINGING OPEN SOURCE INNOVATION AND RESILIENT HYDRAULIC DESIGNS TO MUNICIPAL DRINKING WATER TREATMENT INFRASTRUCTURE | 89100 | \$16,000 |
| Weber-Shirk, Monroe | Civil & Environmental Engineering | National Science Foundation | WRF: EXPERIMENTAL OBSERVATION AND MODELING OF COAGULANT MEDIATED CONTAMINANT REMOVAL: FLOCCULATION, FLOC BLANKETS, AND SEDIMENTATION | 81638 | \$7,000 |
| Whitmore, Mark | CALS Natural Resources | USDA -> US Forest Service | NEW YORK HEMLOCK INITIATIVE COOPERATIVE FORESTRY PROTECTION PROJECT | 89608 | \$113,130 |
| Whittaker, Gary | Microbiology and Immunology | HHS -> PHS -> National Institutes of Health | STRUCTURAL AND FUNCTIONAL ANALYSIS OF THE CORONAVIRUS SPIKE PROTEIN FUSION PEPTIDE | 85329 | \$491,547 |
| Wiedmann, Martin | CALS Food Science | International Life Sciences Institute | LISTERIA MONOCYGTGENES SAMPLES | 40914 | \$22,500 |
| Wiedmann, Martin | CALS Food Science | The Pew Charitable Trusts | NOT ALL SALMONELLA ARE CREATED EQUAL: DEVELOPMENT OF A RATIONAL APPROACH TO CHARACTERIZE AND IDENTIFY STRAINS AND SEROTYPES THAT DIFFER IN HUMAN VIRULENCE | 93225 | \$118,936 |
| Wise, Frank | Cornell Center for Materials Research | National Science Foundation (Through: NSF -> Directorate for Mathematical and Physical Sciences) | CORNELL CENTER FOR MATERIALS RESEARCH - MRSEC | 80497 | \$592,675 |
| Yang, Rong | Chemical & Biomolecular Engineering | DOD -> US NAVY -> Office of Nava Research (Through: The President and Fellows of Harvard College) | NEXT-GENERATION MATERIALS FOR OXYGEN GENERATION, TRANSPORT, AND STORAGE IN THE UNDERSEA ENVIRONMENT | 90892 | \$866,375 |
| Zhang, K. Max | Mechanical & Aerospace Engineering | National Science Foundation | SMART HEAT: AGGREGATING RENEWABLE-ELECTRIC-HEATING-THERMAL-STORAGE SYSTEMS FOR GRID SERVICES | 81815 | \$8,000 |