

**Cornell University, Office of Sponsored Programs**

**Awards Received in December 2025**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Abbaspourrad, Alireza	CALS Food Science	Dairy Management Inc	HPP-ASSISTED COMPLEXATION OF NATURAL PIGMENTS WITH DAIRY PROTEINS FOR DEVELOPMENT OF CLEAN-LABEL NATURAL COLORANT	191091	\$210,000
Abbaspourrad, Alireza	CALS Food Science	Dairy Management Inc	MITIGATING HARDENING OF HIGH-PROTEIN NUTRITION BARS THROUGH PROTEIN MODIFICATION AND FORMULATION STRATEGIES	191096	\$210,000
Apsel, Alyssa	Electrical & Computer Engineering	L3Harris Technologies Inc	COMPRESSION AND EXPANSION IN MNN	191722	\$50,000
Babcock, Gunnar	CALS Microbiology	John Templeton Foundation (Through: University of Exeter)	DOES EARTH'S HABITABILITY FOR LIFE EXIST DUE TO OR IN SPITE OF DARWINIAN EVOLUTION BY NATURAL SELECTION?	184315	\$50,117
Barrett, Chris	Dyson - Sponsored Activity	ALPHABET -> GOOGLE -> Google Foundation (Through: International Food Policy Research Institute)	ENHANCING FOOD INSECURITY PREDICTIONS IN KENYA THROUGH HIGH-FREQUENCY DATA ANALYSIS	184472	\$43,045
Belot, Michele	Economics	GUK -> Foreign, Commonwealth and Development Office (Through: University of London -> The London School of Economics and Political Science)	GREEN SUPPLY CHAINS: THE NORTH-SOUTH RIPPLE EFFECTS OF ENVIRONMENTAL REGULATION	179702	\$28,853
Bindel, David	Computer Science	The Simons Foundation Inc	SPECTRAL CHARACTERISTICS OF ALMOST-PERIODIC OPERATORS	186352	\$60,000
Brito, Ilana	Biomedical Engineering	Kenneth Rainin Foundation	TARGETING THE GLUCOCORTICOID RECEPTOR: A NOVEL ROLE FOR MICROBIOME PROTEINS IN IBD	192468	\$15,000

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Brito, Ilana	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Library of Medicine	DATA-DRIVEN DISCOVERY OF HOST-MICROBIOME PROTEIN-PROTEIN INTERACTIONS	176706	\$1,841,206
CHEN, Prof., Peng	Chemistry and Chemical Biology	United States Department of Energy	CHEMICAL IMAGING OF SINGLE-PARTICLE (PHOTO)(ELECTRO)CATALYSIS	61882	\$600,000
Childs-Sanford, Sara	Clinical Sciences	IBERDROLA -> AGR -> Avangrid Foundation Inc	AVANGRID GRANT TO SUPPORT AVIAN REHABILITATION	192678	\$10,000
Chowdhury, Debanjan	Lab. of Atomic & Solid State Physics	DOE -> DOE Office of Science	PROGRAMMABLE FLOQUET ALGORITHMS FOR MATERIALS RESEARCH: ENHANCED QUBIT COHERENCE AND ENTANGLED STATE PREPARATION ON QUANTUM HARDWARE	184665	\$875,000
Cosgrove, Ben	Biomedical Engineering	Silicon Valley Community Foundation (Through: Yale University)	PEDIATRIC CELL ATLAS OF SKELETAL MUSCLE	139484	\$26,347
Czymmek, Karl	CALS Animal Science	NYS -> New York State Department of Environmental Conservation	PRO-DAIRY: PRECISION DAIRY NUTRITIONIST: DAIRY COW NUTRITION FOR PRODUCTIVITY AND SUSTAINABILITY	187202	\$466,000
Dando, Robin	CALS Food Science	DIAGEO PLC -> Diageo North America Inc	COMMERCIAL WHISKY DESCRIPTIVE ANALYSIS	186165	\$6,925
Dillon, Brian	Dyson - Sponsored Activity	Follow Your Dream Foundation Inc (Through: MIT -> Abdul Latif Jameel Poverty Action Lab)	HOW DO FIRMS HIRE? A DEMAND-SIDE EXPERIMENT TO REDUCE MATCHING FRICTIONS IN UGANDA LABOR MARKETS	185611	\$40,396

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Dogan, Timur	Architecture	United States Environmental Protection Agency (Through: Community Sustainability Partners, Inc.)	DIGITAL TWIN TO SUPPORT MUNICIPAL INVESTMENT FUND	184192	\$69,749
Dombroskie, Jason	CALS Entomology	USDA -> USDA Animal and Plant Health Inspection Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025-2026 BOX TREE MOTH MANAGEMENT INSECT DIAGNOSTIC LAB	188757	\$20,000
Dombroskie, Jason	CALS Entomology	USDA -> USDA Animal and Plant Health Inspection Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025-2026 EUROPEAN CHERRY FRUIT FLY ENTOMOLOGY	188758	\$20,000
Doris, John	Dyson - Sponsored Activity	Templeton World Charity Foundation Inc	CONNECTING, ADVANCING, AND NURTURING MORAL PSYCHOLOGY	184988	\$257,961
Duan, Ellie	CALS Animal Science	NSF -> NSF Directorate for Biological Sciences (Through: UA System -> University of Alabama at Birmingham)	BII: INTEGRATION INSTITUTE: SEX, AGING, GENOMICS, AND EVOLUTION (IISAGE)	142782	\$75,801

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Finkelstein, Julia	Nutritional Sciences	New York State Health Foundation (Through: Joan and Sanford I Weill Medical College of Cornell University)	IMPROVING MATERNAL HEALTH EQUITY AND PREVENTING IRON DEFICIENCY AMONG PREGNANT WOMEN IN BROOKLYN, NEW YORK	188921	\$78,260
Fischbach, Claudia	Biomedical Engineering	HHS -> PHS -> NIH -> NIH National Cancer Institute	THE INTEGRATED MECHANOBIOLOGY AND GLYCOBIOLOGY OF BONE METASTASIS	179604	\$2,991,652
Giannelis, Emmanuel	Materials Science Engineering	DryFiber LLC	DRYFIBER-CORNELL UNIVERSITY COLLABORATIVE PROGRAM	169279	\$250,000
Golan Maor, Yarden	Nutritional Sciences	HHS -> PHS -> NIH National Institutes of Health (Through: UCAL -> The Regents of the University of California on behalf of its San Francisco Campus)	RANDOMIZED CONTROLLED TRIAL OF A RELAXATION INTERVENTION TO IMPROVE NEWBORN GROWTH AND MATERNAL WELL-BEING	180637	\$36,924
Goldfarb, Jillian	Chemical & Biomolecular Engineering	United States-Israeli Binational Agricultural Research and Development Fund	EMBEDDING RESOURCE RECOVERY WITHIN HYDROTHERMAL PROCESSING OF AGRICULTURAL WASTE FOR CLOSED LOOP RECOVERY OF NUTRIENTS, ENERGY AND WATER	177918	\$160,000
Goodman, Laura	Baker Institute	HHS -> PHS -> US Food and Drug Administration	GENOMIC SURVEILLANCE FOR ANTIMICROBIAL RESISTANCE IN ANIMALS	173735	\$10,275
Gu, April	Civil & Environmental Engineering	District of Columbia Water and Sewer Authority	SOLIDS: DEVELOPMENT OF MULTI-MATRIX TOOLS FOR ANAEROBIC DIGESTION PERFORMANCE AND SOLIDS QUALITY PREDICTION AT WASTEWATER TREATMENT PLANT	171850	\$18,437
Gu, April	Civil & Environmental Engineering	District of Columbia Water and Sewer Authority	HIGH-RATE BIOLOGICAL PHOSPHORUS REMOVAL	140274	\$83,919

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Harrington, Laura	CALS Entomology	HHS -> PHS -> CDC -> National Center for Emerging and Zoonotic Infectious Diseases	STRENGTHENING TRAINING, EVALUATION, AND PARTNERSHIPS IN THE PREVENTION AND CONTROL OF VECTOR-BORNE DISEASES	147945	\$15,597
Hassani, Mostafa	Mechanical & Aerospace Engineering	DOD -> DOD Office of the Secretary of Defense (Through: Global Engineering Research and Technologies)	ADVANCED FRETTING FATIGUE LIFE PREDICTION METHOD FOR NAVAL AEROSPACE APPLICATIONS	186230	\$96,000
Helbling, Damian	Civil & Environmental Engineering	United States Environmental Protection Agency	MECHANISTIC MODELS TO PREDICT THE REMOVAL OF ORGANIC MICROPOLLUTANTS FROM WATER BY CYCLODEXTRIN POLYMERS AND COVALENT ORGANIC FRAMEWORKS IN FIXED-BED ADSORPTION PROCESSES	177513	\$1,000,000
Joachims, Thorsten	Computer Science	Infosys Inc	CORNELL INFOSYS COLLABORATION	147057	\$950,064
Katz, Dan	CALS School of Integrative Plant Science	National Aeronautics and Space Administration	POLLEN: CUPRESSACEAE ALERT SYSTEM FOR TEXAS (POLLEN CAST)	176212	\$1,118,047
Keranen, Kade	CALS Natural Resources	DOI -> National Park Service	GLACIER BAY NATIONAL PARK AND PRESERVE CEMETERY AND BURIAL MANAGEMENT PROJECT	187096	\$49,980
Keranen, Kade	Earth & Atmospheric Sciences	DOI -> National Park Service	CESU TASK AGREEMENT: GEOPHYSICAL DATA PROCESSING, DEVELOPMENT AND CULTURAL RESOURCES SUPPORT	164519	\$85,650
Kim, Eunah	Lab. of Atomic & Solid State Physics	United States Department of Energy (Through: UCHICAGO -> Argonne National Laboratory -> Argonne National Laboratory)	STRUCTURAL SIGNATURES OF HIDDEN ORDER IN SPIN-ORBIT COUPLED SYSTEMS	173826	\$192,088

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Longchamps, Louis	CALS School of Integrative Plant Science	NYS -> New York State Energy Research and Development Authority	A COLLABORATIVE RESEARCH FRAMEWORK TO DEVELOP AGRIVOLTAICS IN NEW YORK STATE	185144	\$2,050,000
Lovenheim, Michael	Public Policy - Academic	ARNOLD VENTURES -> Laura and John Arnold Foundation - Archived	THE IMPACT OF PRISONER EDUCATION ON RECIDIVISM, LABOR MARKET OUTCOMES, AND PUBLIC ASSISTANCE UTILIZATION	188084	\$457,908
Lujan, Marla	CALS Nutritional Sciences	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development	EMERGENCE OF OVARIAN MORPHOLOGY AS A BIOMARKER OF POLYCYSTIC OVARY SYNDROME (PCOS) DURING ADOLESCENCE	174800	\$3,165,059
Marx, Matt	Dyson - Sponsored Activity	Alfred P Sloan Foundation	TOWARD SUSTAINABLE PATENT DATA INFRASTRUCTURE	190620	\$249,068
Mattson, Neil	CALS School of Integrative Plant Science	NYS -> New York State Energy Research and Development Authority	NEW YORK STATE ENERGY DATABASE FOR CONTROLLED ENVIRONMENT AGRICULTURE	137764	\$43,500
McArt, Scott	CALS Entomology	NYS -> New York State Department of Agriculture and Markets	2025-2026 POLLINATOR PROTECTION PLAN	184965	\$300,000
McMahon, Peter	Applied & Engineering Physics	DOE -> DOE Office of Science	ANALOG COMPUTATION WITH PROGRAMMABLE LINEAR AND NONLINEAR MULTIMODE OPTICAL WAVE PROPAGATION	185118	\$500,000
Meredith, Gen	Public and Ecosystem Health	HHS -> PHS -> Centers for Disease Control and Prevention	CATEGORY B: EMERGING RURAL PUBLIC HEALTH LEADERS	173094	\$2

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Michener, Jamila	Public Policy - Academic	Robert Wood Johnson Foundation (Through: Regents of the University of Minnesota)	DEVELOPING A PUBLICLY ACCESSIBLE, SEARCHABLE DATABASE OF ENACTED STATE MEDICAID LEGISLATION TO IMPROVE STATE DECISION-MAKING.	189155	\$105,000
Miller, Laurie	Public Policy - Academic	Rotary Club of Ithaca, NY	ENHANCING AFRICAN STUDENT PARTICIPATION IN PEACEBUILDING PROGRAMMING	192495	\$4,664
Miller, Matthew	Cornell Lab Accelerator Sciences & Ed	DOD -> DOD US AF -> Air Force Research Laboratory	THE MATERIALS SOLUTIONS NETWORK AT CHESS (MSN-C)	145470	\$7,500,000
Miller, Matthew	Cornell Lab Accelerator Sciences & Ed	DOE -> DOE National Nuclear Security Administration (Through: Colorado School Of Mines)	ADVANCED CHARACTERIZATION OF METALS UNDER EXTREME ENVIRONMENTS (ACME2)	172876	\$94,200
Moore, Virginia	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: Auburn University)	PLANT BREEDING CIN: ADVANCING INTERCROP BREEDING WITH GENOMIC AND PHENOMIC SELECTION	187448	\$150,000
Murphy, Patrick	CALS Molecular Biology & Genetics	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences	FUNCTION OF CHROMATIN FEATURES IN CELLULAR PROGRAMMING	187468	\$2,044,343
Nishii, Lisa	Office of Academic Diversity Initiatives	NYS -> New York State Education Department	COLLEGIATE SCIENCE AND TECHNOLOGY ENTRY PROGRAM (CSTEP)	181064	\$1,186,355
Nishii, Lisa	Office of Academic Diversity Initiatives	United States Department of Education	RONALD E. MCNAIR POST-BACCALAUREATE ACHIEVEMENT PROGRAM	144368	\$10,476

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Nowack, Katja	Lab. of Atomic & Solid State Physics	DOD -> DOD US AF -> Air Force Office of Scientific Research (Through: The President and Fellows of Harvard College)	TUNNELING PHENOMENA IN INTERFACE SUPERCONDUCTORS	137313	\$490,000
Olson, Ron	NanoScale Science & Technology Facility	National Security Technology Accelerator (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Center for Economic Development)	ME COMMONS LIFT PROJECT: GATE RECESS AND CONTAMINATION CONTROL IN NITRIDERS ALN XHEMTS PROCESSING USING SHARED PROCESSING TOOLS	188225	\$36,462
Olson, Ron	NanoScale Science & Technology Facility	National Security Technology Accelerator (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Center for Economic Development)	ME COMMONS LIFT PROJECT: LOW LOSS POWER AMPLIFIERS WITH INTEGRATED SOLENOID INDUCTORS	188203	\$30,529
Olson, Ron	NanoScale Science & Technology Facility	National Security Technology Accelerator (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Center for Economic Development)	ME COMMONS LIFT PROJECT: INTEGRATED CMOS MICROMETER-SCALE WIRELESS TAGS USING MAGNETIC NANOPARTICLE CHAINS AND COLOR CENTERS IN NANODIAMONDS	188174	\$29,215



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Olson, Ron	NanoScale Science & Technology Facility	National Security Technology Accelerator (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Center for Economic Development)	ME COMMONS LIFT PROJECT: INTEGRATING MAGNETOELECTRIC TUNABLE MICROWAVE FILTERS	188180	\$42,316
Ong, Anthony	CHE-Psychology	HHS -> PHS -> NIH National Institutes of Health (Through: UCAL -> The Regents of the University of California on behalf of its Davis Campus)	CAPTURING SOCIAL AND COGNITIVE HEALTH DYNAMICS AS DIGITAL RISK BIOMARKERS OF ALZHEIMER'S DISEASE	189976	\$274,905
Ortiz Bobea, Ariel	Dyson - Sponsored Activity	Environmental Defense Fund Inc	SOIL HEALTH AND FARMLAND VALUE: AN EXPLORATION INTO THE CAPITALIZATION OF SOIL HEALTH PRACTICES	191067	\$210,478
Overton, Thomas	CALS Animal Science	Foundation for Food & Agriculture Research	HEMPSEED MEAL AS A FEED INGREDIENT FOR DAIRY CATTLE, HORSES, AND BROILERS	173800	\$250,000
Pender, Jamol	Operations Research & Information Engr	University of Chicago	PROBABILISTIC MODELINGS OF ALGORITHMIC EMBEDDINGS	181503	\$42,418
Ryan, Matthew	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service (Through: Pennsylvania Certified Organic)	STRENGTHENING ORGANIC FIELD CROP PRODUCTION IN THE NORTHEAST WITH COMMUNITY BUILDING, FARMER-TO-FARMER LEARNING, AND TECHNICAL SUPPORT: ORGANIC FIELD CROP & DAIRY CONFERENCE	190038	\$25,829
Sabuncu, Mert	Tech Research	Sloan Kettering Institute for Cancer Research	AI-ENABLED PERSONALIZED MRI-GUIDED RADIOTHERAPY INCORPORATING DOSE ACCUMULATION AND TOXICITY PREDICTION	188483	\$34,723

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Schaffer, Chris	Biomedical Engineering	United States Department of Education	TRAINING RESEARCHERS AND EDUCATORS IN BIOMEDICAL ENGINEERING	175917	\$91,407
Schang, Luis	Baker Institute	Aicuris Anti-infective Cures AG	EVALUATION OF ANTIHERPETIC ANTIVIRALS IN NEURONAL LATENCY IN CULTURE	190527	\$168,657
Schroeder, Frank	Chemistry and Chemical Biology	Boyce Thompson Institute for Plant Research Inc	COLLABORATIONS INVOLVING GRADUATE STUDENTS FROM CORNELL UNIVERSITY AND BTI	181309	\$43,418
Seo, Jae-sun	Tech Research	SRC -> SRCco Inc (Through: UNIV SYSTEM GA -> Georgia Institute of Technology)	COCOSYS: CENTER FOR THE CO-DESIGN OF COGNITIVE SYSTEMS	161704	\$10,000
Sheehan, Michael	CALS Ecology & Evolutionary Biology	HHS -> PHS -> NIH -> NIH National Institute of General Medical Sciences (Through: Princeton University)	UNCOVERING THE MODES AND GENETICS OF GUT BACTERIAL TRANSMISSION	179319	\$343,744
Sinclair, Brent	CALS Entomology	The New Zealand Institute For Plant And Food Research Limited	RAPID SCREENING METHOD FOR OPTIMIZING COMMODITY TREATMENTS	183122	\$203,325
Snover-Clift, Karen	CALS School of Integrative Plant Science	USDA -> USDA Animal and Plant Health Inspection Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025 NYSDAM-PDDC DIAGNOSTIC TESTING ANNUAL CONTRACT (FOR ITHACA & LONG ISLAND)	188657	\$16,000
Strauss, Barry	History	Lynde and Harry Bradley Foundation Inc	BRADLEY GRADUATE FELLOWSHIP PROGRAM FY26	189714	\$25,000
Sumner, Rachel	Center for Dialogue & Pluralism	Interfaith America	REIMAGINING PLURALISM IN THE UNIVERSITY	192317	\$10,000

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Sun, Weinan	Neurobiology and Behavior	Brain and Behavior Research Foundation	NEURAL MECHANISMS OF HIPPOCAMPAL COGNITIVE MAP FORMATION: INSIGHTS FROM ANIMAL MODELS OF PTSD AND SCHIZOPHRENIA	184291	\$70,000
Tong, Lang	Electrical & Computer Engineering	AZ Board of Regents on behalf of Arizona State University	PSERC-TONG	65603	\$8,500
Townsend, Alex	Mathematics	NSF National Science Foundation (Through: International Computer Science Institute)	ATD: RESILIENT DYNAMIC AUTOENCODERS FOR MODELING AND PREDICTING EARTHQUAKE THREATS	188075	\$41,983
Turgeon, Barbara	CALS School of Integrative Plant Science	USDA -> USDA Animal and Plant Health Inspection Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025-2026 GOLDEN NEMATODE - ASSISTANCE WITH DEREGULATION AND ENHANCED REGULATORY ACTIVITIES OF GOLDEN NEMATODE IN NEW YORK	186580	\$90,000
Van Amburgh, Mike	CALS Animal Science	Environmental Defense Fund Inc	CNCPS DATA TESTING	192437	\$13,005
Van Vliet, Krystyn	Center for Regional Economic Advancement	NSF National Science Foundation (Through: SUNY -> State University of New York Binghamton)	NSF ENGINES: TYPE-2: NEW ENERGY NEW YORK STORAGE ENGINE (NENY-SE)	150019	\$100,000
Wagner, Bettina	Population Medicine & Diagnostic Science	ArkeaBio Corp	REAGENT VALIDATION FOR DEVELOPMENT OF AN ANTIGEN-SPECIFIC SALIVARY IMMUNOASSAY	192039	\$28,481

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Wallis, Anna	CALS NYS Integrated Pest Management	USDA -> USDA Animal and Plant Health Inspection Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025-2026 EUROPEAN CHERRY FRUIT FLY IPM	188576	\$9,400
Watkins, Christopher	CALS School of Integrative Plant Science	BAYWA -> T&G; GLOBAL -> Venturefruit Global Limited	VENTUREFRUIT SERVICES AGREEMENT	191413	\$20,000
Workman, Kirsten	CALS Animal Science	NYS -> New York State Department of Environmental Conservation	CONCEPT: PRO-DAIRY FARM MANAGEMENT POSITION-CROP/MANURE/ENVIRONMENT FOCUS	182029	\$570,000
boyd, danah	CALS Communication	NSF -> NSF Directorate for Technology, Innovation and Partnerships (Through: The Trustees of Columbia University in the City of New York)	COLLABORATIVE RESEARCH: REDDDOT PHASE 2: ENABLING PARTICIPATORY PRIVACY PROTECTIONS FOR AI TRAINING DATA	185192	\$189,311