

**Cornell University, Office of Sponsored Programs****Awards Received in July 2025**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
Abbaspourrad, Alireza	CALS Food Science	Pepsico Inc	NATURAL SORBIC ACID: INCREASING SORBIC ACID EXTRACTION YIELD USING ROWAN BERRIES	186567	\$249,850
Abbaspourrad, Alireza	CALS Food Science	Pepsico Inc	DEVELOPING ENCAPSULATION SYSTEMS TO IMPROVE FUNCTIONALITY OF PRE AND POST BIOTICS IN BEVERAGES	186383	\$210,000
Agan, Amanda	Public Policy - Academic	Arnold Ventures LLC	PLANNING GRANT FOR EVALUATION OF OKLAHOMA'S RESTORATIVE WORKFORCE	184055	\$53,116
Ando, Nozomi	Chemistry and Chemical Biology	SCHMIDT STRATEGIC -> Schmidt Sciences LLC	TRACING LIFE'S PAST WITH NOVEL IMAGING METHODS	185811	\$2,500,000
Arson, Chloe	Earth & Atmospheric Sciences	DOE -> DOE Advanced Research Projects Agency-Energy (Through: Koloma Inc)	ENHANCED HYDROGEN PRODUCTION: AN EMPIRICALLY VALIDATED MODELLING APPROACH	167901	\$31,000
Barstow, Buz	CALS Biological & Environmental Engr	NSF -> NSF Directorate for Technology, Innovation and Partnerships	I-CORPS: TRANSLATION POTENTIAL OF AN ENGINEERED STRAIN OF VIBRIO NATRIEGENS AS A CHASSIS FOR LOW RESOURCE, SCALABLE MOLECULAR BIOLOGY / FORAGE EVOLUTION	185758	\$50,000
Baskin, Jeremy	Weill Institute	ONO -> Ono Pharma Foundation	CONTROL OF PROTEIN DEGRADATION BY AN UNUSUAL PROTEIN MODIFICATION	185838	\$1,035,000
Beary, Patrick	Atkinson Center for a Sustainable Future	Wal-Mart Foundation Inc	ENHANCING BIODIVERSITY PROTECTION IN U.S. AGRICULTURAL SUPPLY CHAINS THROUGH DATA-DRIVEN SOLUTIONS	187331	\$384,884

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Bogdanove, Adam	CALS School of Integrative Plant Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	REDUCED SUSCEPTIBILITY TO POWDERY MILDEW BY PRECISION GENE EDITING	170008	\$68,354
Brock, Joel	Cornell Lab Accelerator Sciences & Ed	NYS -> Empire State Development	NEW EXPERIMENTAL HALL FOR THE CORNELL HIGH ENERGY SYNCHROTRON SOURCE (CHESS)	142709	\$15,000,000
Bunting-Howarth, Katherine	CALS Sea Grant	US DOC -> National Oceanic and Atmospheric Administration (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Stony Brook)	NEW YORK SEA GRANT EXTENSION PROGRAM (2022-2024)	141841	\$589,975
Burrow, Anthony	Bronfenbrenner Ctr forTranslational Rsch	John Templeton Foundation	THE PURPOSE COMMONS: ADVANCING THE SCIENCE OF PURPOSE TO CATALYZE YOUTH WELL-BEING	181940	\$3,000,000
Cazer, Casey	Clinical Sciences	John T. and Jane A. Wiederhold Foundation	SACP STUDENT SURGERY TEACHING PROGRAMS	184428	\$90,000
Chang, Yun-chien	Law School Research	Chiang Ching-kuo Foundation for International Scholarly Exchange (USA)	TAIWAN STUDIES AT CORNELL UNIVERSITY	187970	\$8,000
Chen, Chang	CALS Food Science	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	FEASIBILITY STUDY OF A NOVEL NON-DESTRUCTIVE SENSING TECHNIQUE BASED ON FLUORESCENCE FINGERPRINTING FOR MEASURING RAINFALL EFFECT ON FUNGICIDE RESIDUES DURING APPLE PRODUCTION	170926	\$98,906
Cohn, Abigail	South East Asia Program	The Henry Luce Foundation Inc	GETSEA PHASE 2: ADAPTIVE COLLABORATIVE INFRASTRUCTURE FOR SOUTHEAST ASIAN STUDIES	187485	\$1,000,000

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Cox, Kerik	CALS School of Integrative Plant Science	USDA -> USDA Agricultural Marketing Service (Through: New York Farm Viability Institute Inc)	IDENTIFYING, TRACKING, AND UNDERSTANDING ANTIMICROBIAL RESISTANCE IN STRAINS OF THE FIRE BLIGHT PATHOGEN, ERWINIA AMYLOVORA, FROM NY FARMS	170470	\$105,640
De Vlaminck, Iwijn	Biomedical Engineering	Gordon and Marilyn Macklin Foundation Inc (Through: UCAL -> The Regents of the University of California on behalf of its San Diego Campus)	CELL-FREE RNA SIGNATURES FOR DIAGNOSIS OF KAWASAKI DISEASE	186427	\$423,000
El Alaoui, Ahmed	Department of Statistics & Data Science	NSF -> NSF Directorate for Mathematical and Physical Sciences	SAMPLING AND FINDING SOLUTIONS IN SPIN SYSTEMS AND NEURAL NETWORKS	178807	\$210,000
Fatemi, Valla	Applied & Engineering Physics	Kavli Foundation	SUPERCONDUCTOR-SEMICONDUCTOR QUBIT NETWORKS IN PLANAR GE	186185	\$60,000
Finkelstein, Julia	Nutritional Sciences	Novo Nordisk Fonden	ASNFF-NNF HENRIK DAM AWARD FOR SCIENTIFIC DISCOVERY IN NUTRITION	185054	\$294,964
Fish, Brian	CALS Facilities	NYS -> New York State Energy Research and Development Authority	CORNELL UNIVERSITY AGRIVOLTAICS	181777	\$5,000,000
Fuchs, Marc	CALS School of Integrative Plant Science	CALIFORNIA -> State of California Department of Food and Agriculture	EPIDEMIOLOGY OF GRAPEVINE LEAFROLL-ASSOCIATED VIRUS 3 AND RNA INTERFERENCE AGAINST THE VIRUS AND ITS MAJOR MEALYBUG VECTORS	181747	\$222,986
Gerson, Jacqueline	CALS Biological & Environmental Engr	NSF -> NSF Directorate for Social, Behavioral and Economic Sciences (Through: Regents of the University of Michigan)	DISES: INVESTIGATING MERCURY BIOGEOCHEMICAL CYCLING VIA MIXED-METHODS IN COMPLEX ARTISANAL GOLD MINING LANDSCAPES AND IMPLICATIONS FOR COMMUNITY HEALTH	180114	\$721,410
Geva, Liam	NYC - Cooperative Extension	USDA -> USDA Food and Nutrition Service (Through: NYS -> New York State Department of Agriculture and Markets)	2025-2026 NUTRITION ED. & OUTREACH - CORNELL NYC	185855	\$75,000

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Giometto, Andrea	Civil & Environmental Engineering	American Physical Society	ALMA DAL CO SCHOOL ON COLLECTIVE BEHAVIOUR, VENICE (ITALY), SEP 29, 2025 - OCT 4, 2025	187504	\$750
Goldberg, Jesse	Neurobiology and Behavior	The Simons Foundation Inc	DEVELOPING PARROTS AS A NEW MODEL TO UNDERSTAND NEURAL MECHANISMS OF VOCAL COMMUNICATION AND SPEECH IMPAIRMENTS	182517	\$220,000
Hajjar, Reem	CALS Natural Resources	GUK -> DEFRA -> Global Centre on Biodiversity for Climate (Through: Smithsonian Institution)	FOREST RESTORATION ON INDIGENOUS LANDS: RESTORING BIODIVERSITY FOR MULTIPLE ECOSYSTEM SERVICES, COMMUNITY RESILIENCE, AND FINANCIAL SUSTAINABILITY	179421	\$182,649
Hall, Matthew	Public Policy - Academic	Ithaca City School District	CORNELL PROPOSAL FOR DEMOGRAPHY STUDY AND FACILITY/ASSET REVIEW	184358	\$93,384
Hare, Matthew	CALS Natural Resources	Hudson River Foundation for Science and Environmental Research Inc	GENOMICS-INFORMED VALIDATION OF BIOPHYSICAL MODEL OYSTER CONNECTIVITY PREDICTIONS	187449	\$9,984
Hariharan, Bharath	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	COLLABORATIVE RESEARCH: ACED: PLANET-SCALE AI FOR ACCELERATING ENVIRONMENTAL SCIENCE - INVASIVE SPECIES AND BEYOND	175261	\$293,500
Howarth, Robert	CALS Ecology & Evolutionary Biology	Park Foundation Inc	RENEWAL OF THE METHANE PROJECT AT CORNELL: EVALUATING & COMMUNICATING HOW METHANE EMISSIONS CONTRIBUTE TO CLIMATE DISRUPTION	185980	\$160,000
Juels, Ari	JTC Research	NSF -> NSF Directorate for Computer and Information Science and Engineering (Through: UILL -> University of Illinois Urbana-Champaign)	COLLABORATIVE RESEARCH: SATC: CORE: MEDIUM: HYBRIDIZING TRUSTED EXECUTION ENVIRONMENTS AND SECURE MULTIPARTY COMPUTATION	179647	\$255,696

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Katz, Or	Applied & Engineering Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	OPENING NEW GATES TO QUANTUM SIMULATION WITH TRAPPED IONS	178576	\$450,000
Kim, Eunah	Lab. of Atomic & Solid State Physics	NSF National Science Foundation	AI-MATERIALS INSTITUTE (AI-MI)	172471	\$20,000,000
Kim, Sun	Clinical Sciences	Fear Free LLC	EFFECTS OF CLONIDINE ON BEHAVIORAL AND PHYSIOLOGICAL SIGNS OF STRESS IN DOGS DURING VETERINARY VISITS: A RANDOMIZED, DOUBLE-BLIND PLACEBO-CONTROLLED CROSSOVER CLINICAL TRIAL (SOFT)	186560	\$5,000
Kumar, Vipin	CALS School of Integrative Plant Science	New York Corn and Soybean Growers Association Inc	OPTIMIZING COVER CROP TERMINATION TIMING(S) AND HERBICIDE STRATEGIES FOR CONTROLLING GLYPHOSATE-RESISTANT WATERHEMP IN NY CORN PRODUCTION	184439	\$20,000
Lewis, Nikole	Center Astrophysics-Planetary Science	Association of Universities for Research in Astronomy	USING STELLAR CONTAMINATION PROXY TRAPPIST-1 B TO SEARCH FOR AN ATMOSPHERE ON TRAPPIST-1 E	173437	\$32,206
Lin, Song	Chemistry and Chemical Biology	NSF National Science Foundation	NEW HYPERVALENT IODINE AGENTS FOR N-N BOND COUPLING	178814	\$600,000
Loeb, Gregory	CALS Entomology	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	EXPANDING CLASSICAL BIOLOGICAL CONTROL OF SPOTTED WING DROSOPHILA IN NEW YORK BERRY CROPS	170661	\$242,598
Losey, John	CALS Entomology	NSF -> NSF Directorate for Technology, Innovation and Partnerships	CROP SEED SHAPED PELLETS FOR PLANTING MULTI-SPECIES CONSERVATION HABITATS WITH STANDARD PLANTING EQUIPMENT	187180	\$50,000
Lyon, Beth	Law School Research	TREASURY -> Internal Revenue Service	CORNELL UNIVERSITY LITC PROGRAM	175314	\$42,446

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MacMartin, Douglas	Mechanical & Aerospace Engineering	GUK -> Advanced Research & Invention Agency	DEFINING THE MINIMUM SCALE OF AN SAI TEST: A FUNDAMENTAL FIRST STEP TOWARDS AN OUTDOOR LARGE SCALE EXPERIMENT	181376	\$610,803
Mann, Kathryn	Mathematics	NSF -> NSF Directorate for Mathematical and Physical Sciences	TOPOLOGICAL APPROACHES TO ANOSOV FLOWS IN DIMENSION 3	179618	\$200,000
McFadden, Joseph	CALS Animal Science	CALIFORNIA -> State of California Department of Food and Agriculture	INTERACTIONS BETWEEN DIETARY FATTY ACIDS, ASPARAGOPSIS TAXIFORMIS, AND BROMOFORM ON ENTERIC AND MANURE METHANE EMISSIONS AND ENERGETIC CONVERSION IN LACTATING DAIRY COWS	167983	\$85,350
Mehta, Karan	Electrical & Computer Engineering	NSF -> NSF Directorate for Mathematical and Physical Sciences (Through: UCAL -> The Regents of the University of California on behalf of its Los Angeles Campus)	NQVL: QSTD: PILOT: FTL: ACCELERATING FAULT-TOLERANT QUANTUM LOGIC	175173	\$50,000
Mehta, Saurabh	Nutritional Sciences	Research Triangle Institute International Inc	DEVELOPMENT AND VALIDATION OF WEARABLE DEVICES TO TRACK ACTIVITY PATTERNS AND EATING HABITS.	186363	\$30,000
Moore, Justin	Mathematics	NSF -> NSF Directorate for Mathematical and Physical Sciences	BASIS PROBLEMS IN TOPOLOGY	178157	\$120,000
Muller, David	Applied & Engineering Physics	Thermo Fisher Scientific Inc	DEVELOPMENT OF NEW CAPABILITIES FOR AN ELECTRON MICROSCOPE PIXEL ARRAY DETECTOR	181310	\$600,000

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Musick, Kelly	Public Policy - Academic	HHS -> PHS -> NIH -> NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development (Through: UWS -> Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison)	NEXTGENPOP: RECRUITING THE NEXT GENERATION OF SCHOLARS INTO POPULATION RESEARCH	136977	\$5,000
Naaman, Mor	JTC Research	John S. And James L. Knight Foundation, Inc.	AI AND LOCAL JOURNALISM	186348	\$75,000
Nimier-David, Elio	Labor Economics	W.E. Upjohn Unemployment Trust Corporation	SAFETY AT WORK: LONG-TERM TRENDS AND THE ROLE OF INSTITUTIONS	187600	\$7,500
Odoms-Young, Angela	Nutritional Sciences	NYS -> New York State Office of Temporary and Disability Assistance (Through: Cornell Cooperative Extension Orange County)	DNS SNAP-ED TECHNICAL ASSISTANCE 2025	181180	\$80,000
Oliver, Jason	CALS Animal Science	NYS -> New York State Department of Agriculture and Markets (Through: New York Farm Viability Institute Inc)	EVALUATING THE SUSTAINABLE USE OF MANURE SOLIDS AS DAIRY CATTLE BEDDING	179813	\$122,996
Olmstead, Todd	Public and Ecosystem Health	HHS -> PHS -> NIH -> NIH National Institute on Drug Abuse (Through: UCONN -> University of Connecticut Health Center)	ENHANCING SUBSTANCE USE TREATMENT SERVICES TO DECREASE DROPOUT AND IMPROVE OUTPATIENT TREATMENT UTILIZATION IN EMERGING ADULTS	181655	\$56,216
Pei, Zhuan	Public Policy - Academic	Russell Sage Foundation	LONG-TERM EFFECTS OF UNIVERSAL FREE SCHOOL MEAL POLICIES: EVIDENCE FROM THE COMMUNITY ELIGIBILITY PROVISION	186644	\$15,000

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Rathbun, Julie	Center Astrophysics-Planetary Science	National Aeronautics and Space Administration (Through: CALTECH -> Jet Propulsion Laboratory)	UNDERSTANDING EUROPA'S GLOBAL THERMAL SURFACE PROPERTIES	183051	\$35,952
Richardson, Ruth	Civil & Environmental Engineering	NSF -> NSF Directorate for Technology, Innovation and Partnerships	NSF CONVERGENCE ACCELERATOR TRACK K: VERSAWATER COMMUNITY WATER THAT WEATHERS THE STORM	177059	\$5,000,000
Riedl, Rachel	Government	American Political Science Association	LEGITIMIZING THE GENERALS: REGIME PERFORMANCE AND THE POLITICAL PSYCHOLOGY OF SUPPORT FOR MILITARY INTERVENTIONS IN THE SAHEL	187422	\$2,000
Roberts, Kenneth	Government	American Political Science Association	BEHAVIORAL RESPONSES TO THE CRISIS OF REPRESENTATION: VOICE AND EXIT IN CHILE AND SPAIN	187439	\$2,000
Romay, Cinta	Institute Biotechnology & Life Science	Foundation for Food & Agriculture Research (Through: USDA -> USDA ARS -> USDA Agricultural Research Service Northeast Area)	CERCA - SEASON SHIFTING THROUGH COLD TOLERANCE	182152	\$855,215
Ryan, Matthew	CALS School of Integrative Plant Science	Stone House Farm LLC	OPTIMIZING REGENERATIVE ORGANIC CROP PRODUCTION WITH NEW TOOLS FOR ON-FARM EXPERIMENTATION	174543	\$75,000
Ryan, Matthew	CALS School of Integrative Plant Science	Stone House Farm LLC	OPTIMIZING REGENERATIVE ORGANIC CROP PRODUCTION WITH NEW TOOLS FOR ON-FARM EXPERIMENTATION	174543	\$75,000
Scur, Daniela	Dyson - Sponsored Activity	Alfred P Sloan Foundation	IMPACT OF FUNDING CHANGES ON LABS AND YOUNG SCIENTISTS	185893	\$30,000
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	\$41,812

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Singh, Rachee	Computer Science	NSF -> NSF Directorate for Computer and Information Science and Engineering	NETS:SMALL: EFFICIENT COLLECTIVE COMMUNICATION FOR DISTRIBUTED ML IN THE CLOUD	169194	\$525,000
Smart, Chris	CALS Cornell AgriTech Fin & Operating	Genesee Valley Regional Market Authority	SUSTAINABLE FARMING AND THE URBAN-RURAL INTERFACE	185412	\$450,000
Snively, Noah	Tech Research	DOD -> DOD US NAVY -> Naval Air Systems Command (Through: Scientific Systems Company Inc)	3DMAST: MULTI-MODAL ACCURATE AND ROBUST NOVEL VIEW SYNTHESIS FOR SHIP CLASSIFICATION	183005	\$92,214
Spitz, Judith	Central Research - Unallocated	The Carroll and Milton Petrie Foundation Inc	BREAK THROUGH TECH NYC SPRINTERNSHIPS	173362	\$151,250
Stillman, Michael	Mathematics	Renaissance Philanthropy	LEAN - M2 INTERFACE	186614	\$101,200
Stokol, Tracy	Population Medicine & Diagnostic Science	HHS -> PHS -> NIH -> NIH National Cancer Institute (Through: Joan and Sanford I Weill Medical College of Cornell University)	CUSTOMIZED NANOFIBERS WITH PREFERENTIAL LUNG-TARGETING PROPERTIES FOR TREATING METASTATIC PULMONARY TUMORS	144785	\$31,566
Sun, Jennifer	Computer Science	Howard Hughes Medical Institute	AI-SCIENTIST COLLABORATIONS: BOTTLENECKS AND BENCHMARKS FOR SCIENTIFIC DISCOVERY	186988	\$52,213
Therkildsen, Nina	CALS Natural Resources	Hudson River Foundation for Science and Environmental Research Inc	EVALUATION OF THE POTENTIAL OF EDNA AND METAGENOMICS FOR TRACKING LOWER FOOD WEB DYNAMICS THE HUDSON RIVER ESTUARY MONITORING PROGRAM (HREMP)	185303	\$194,139
Townsend, Alex	Mathematics	DOE -> DOE National Nuclear Security Administration (Through: LLNSLLC -> Lawrence Livermore National Laboratory)	MESH-BASED VISUALIZATION METHODS FOR IMPLICIT NEURAL REPRESENTATIONS	186266	\$1,890

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Townsend, Alex	Mathematics	DOD -> DOD Defense Advanced Research Project Agency	NEURAL OPERATOR-BASED DISCOVERY OF SINGULAR TRANSFORMATIONS FOR MICROSTRUCTURED MATERIALS AND REAL-TIME DIGITAL TWINS	185832	\$1,244,763
Westbrooks, Elaine	University Librarian Administration	NYS -> NYSED -> New York State Library	CCDA 24/25 CONTRACT COLLEGE	187515	\$15,022
Yang, Rong	Chemical & Biomolecular Engineering	DOD -> DOD Defense Advanced Research Project Agency	BIOFILM SYNERGY: HARNESSING MICROBIAL SENSING AND SIGNAL NETWORKS FOR SWARM ROBOTICS NAVIGATION	185720	\$280,784