

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

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
Abbaspourrad, Alireza	CALS Food Science	Pepsico Inc	APPLICATION OF SUCROSE ESTERS AS SURFACTANTS IN CLEAR EMULSION AND THEIR COMPATIBILITY WITH AQUEOUS AND ORGANIC PHASES	141330	\$190,019
Alcaine, Samuel	CALS Food Science	Dairy Management Inc	NATIONWIDE FOOD SAFETY RESOURCES AND ARTISAN/FARMSTEAD DAIRY PRODUCER SUPPORT	142067	\$50,000
Azemi, Michaela	Law School Public Service	Enterprise Community Partners (Through: Human Services Coalition of Tompkins County)	ITHACA EVICTION/DISPLACEMENT DEFENSE PROJECT	137707	\$14,000
Babcock, Sandra	Law School Research	Humanity in Action	ALICE PROJECT	141699	\$5,000
Baines, Joel	Baker Institute for Animal Health	HHS -> PHS -> National Institutes of Health	RNA POLYMERASE II OCCUPANCY AND ACTIVITY IN HSV-INFECTED POST MITOTIC NEURONS	141892	\$77,005
Bonassar, Lawrence	Biomedical Engineering	HHS -> PHS -> National Institutes of Health	EXTENSIBLE COLLAGEN HYDROGELS FOR CARTILAGE TISSUE ENGINEERING	139658	\$140,508
Creighton, Cathy	Extension Administration	NYS -> New York State Office of Children and Family Services	CORNELL UNIVERSITY ILR BUFFALO CO-LAB [C029252]	141763	\$150,000
Cummings, Kevin	Master of Public Health Program (MPH)	USDA -> USDA National Institute of Food and Agriculture	NOVEL DIAGNOSTIC APPROACHES TO COMPREHENSIVELY DEFINE SALMONELLA DUBLIN TRANSMISSION DYNAMICS AND IMPROVE DISEASE CONTROL IN DAIRY CATTLE	139919	\$585,750
Delco, Michelle	Clinical Sciences	Orthopaedic Research Society Inc.	THE ROLE OF CONNEXINS IN MITOCHONDRIAL TRANSFER BETWEEN MESENCHYMAL STEM CELLS AND STRESSED CHONDROCYTES	141749	\$50,000
Diel, Diego	Population Medicine & Diagnostic Science	USDA -> USDA National Institute of Food and Agriculture	NOVEL BROADLY PROTECTIVE SWINE INFLUENZA VACCINE PLATFORMS	139500	\$642,000
Doellgast, Virginia	Labor Relations, Law, & History	The Research Council Of Norway (Through: Institutt for Samfunnsforskning)	WHEN ROBOTS MEET THE NORDIC MODEL: JOB CREATION, DESTRUCTION OR RETRAINING? (ROBONORD)	142561	\$35,000
Duhamel, Gerald	Biomedical Sciences	DOD -> DOD ARMY -> U.S. Army Medical Research Acquisition Activity (Through: Baylor College of Medicine)	DEVELOPMENT OF A RECOMBINANT CSPZ VACCINE AGAINST LYME DISEASE INFECTION	90922	\$6,280
Enayati, Hassan	Institute for Compensation Studies	Salary.com	COMPARE EMPLOYER VERSUS CROWDSOURCED/EMPLOYEE COMPENSATION DATA FOR SALARY.COM	141941	\$75,000
Felippe, Julia	Clinical Sciences	Zweig Memorial Fund	DIAGNOSTIC MARKERS IN MARES WITH PLACENTITIS	92122	\$79,352
Finkelstein, Julia	Nutritional Sciences	USDA -> USDA National Institute of Food and Agriculture	PARTNERSHIP: IMPACT OF MULTIPLE MICRONUTRIENT-FORTIFIED SALT ON GUT MICROBIOME IN WOMEN OF REPRODUCTIVE AGE	140314	\$800,000
Finkelstein, Julia	Nutritional Sciences	HHS -> PHS -> Centers for Disease Control and Prevention (Through: University of South Carolina)	A RANDOMIZED TRIAL OF QUADRUPLE FORTIFIED SALT FOR ANEMIA AND BIRTH DEFECTS PREVENTION	86613	\$250,000
Frank, Margaret	CALS School of Integrative Plant Science	Foundation for Food & Agriculture Research	REINVIGORATING SOYBEAN YIELD FOR 21ST CENTURY AGRICULTURE	139315	\$450,000
Frey, Margaret	Fiber Science and Apparel Design	Cotton Incorporated	GLOBAL TEXTILE & APPAREL SUSTAINABILITY: COTTON AND THE UN SUSTAINABLE DEVELOPMENT GOALS	141172	\$21,799

Haas, Jere	Nutritional Sciences	Vitascan Technologies Inc	IRON.SCAN, A MULTIPLEXED POINT-OF-CARE DIAGNOSTIC SYSTEM FOR DIAGNOSING ANEMIA AND IRON DEFICIENCY (CAT FUNDS INVOLVED)	141470	\$14,204
Hay, Frank	CALS School of Integrative Plant Science	Lesaffre -> Agrauxine by Lesaffre	TESTING MODE OF ACTION OF AGX_2021N TO ROOT KNOT NEMATODE (MELOIDOGYNE HAPLA) FOR AGRAUXINE BY LESAFFRE	142033	\$20,000
Herrero Acosta, Mario	CALS Global Development	Bill and Melinda Gates Foundation	MODELING ENVIRONMENTAL REPERCUSSIONS OF LIVESTOCK INTERVENTIONS (MERLIN) INVESTMENT ID INV-023682	140935	\$750,834
Hyster, Todd	Chemistry and Chemical Biology	HHS -> PHS -> National Institutes of Health	DEVELOPMENT OF FLAVOPROTEINS AS CATALYSTS FOR ASYMMETRIC RADICAL REACTIONS	138908	\$61
Karim, Sabrina	Government	Geneva Centre For The Democratic Control Of Armed Forces	ELSIE INITIATIVE FOR WOMEN IN PEACE OPERATIONS	88408	\$152,835
Klinck, Holger	CALS Lab of O - K. Lisa Yang Center	USDA -> USDA US Forest Service (Through: UWS -> Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison)	IMPROVED ACOUSTIC DETECTION AND CLASSIFICATION OF OWLS AND OTHER AVIAN SPECIES IN LONG-TERM ACOUSTIC DATASETS COLLECTED IN THE SIERRA NEVADA MOUNTAIN RANGE.	142017	\$32,900
Kurpios, Natasza	Molecular Medicine	HHS -> PHS -> National Institutes of Health	MECHANISMS UNDERLYING ASYMMETRIC ROTATION AND MORPHOGENESIS OF THE MIDGUT	141471	\$533,355
Kysel, Ian	Law School Dean's Office	Robert Bosch Stiftung GmbH	AFRICAN GUIDING PRINCIPLES OF THE RIGHTS OF ALL MIGRANTS	142213	\$113,562
Lee, Esak	Biomedical Engineering	HHS -> PHS -> National Institutes of Health	A BIOENGINEERED MODEL TO DECIPHER LYMPHATIC VASCULAR DYSFUNCTION IN INFLAMMATION	138898	\$400,200
Legunsen, Owolabi	Computer Science	National Science Foundation	CAREER: SPECIALIZING RUNTIME VERIFICATION FOR SOFTWARE TESTING	136445	\$16,800
Lehmann, Johannes	CALS School of Integrative Plant Science	The Nature Conservancy Inc	SOILS REVEALED: TIER III SOIL FUTURES	142436	\$310,687
Lehner, Flavio	CALS Earth and Atmospheric Science	National Science Foundation	GCR: COLLABORATIVE RESEARCH: CO-DEFINING CLIMATE REFUGIA TO INFORM THE MANAGEMENT OF MOUNTIAN HEADWATER SYSTEMS	138675	\$44,895
Loeb, Gregory	CALS Entomology	USDA -> USDA National Institute of Food and Agriculture (Through: University of Maine)	CLASSICAL BIOLOGICAL CONTROL FOR SPOTTED-WING DROSOPHILA IN THE NORTHEASTERN US	139191	\$98,994
Loftus, John	Clinical Sciences	Okava Pharmaceuticals Inc	A RANDOMIZED, DOUBLE-BLIND, ACTIVE PLACEBO-CONTROLLED, MULTICENTER EFFICACY AND SAFETY PILOT STUDY OF OKV-1001 FOR THE TREATMENT OF PRIMARY (NON-ASSOCIATIVE) CANINE IMMUNE-MEDIATED HEMOLYTIC ANEMIA	140041	\$199,942
Ma, Minglin	CALS Biological & Environmental Engr	HHS -> Commissioned Corps of the US Public Health Service (Through: Children's Hospital Corporation)	VASCULAR NETWORKS GENETICALLY ENGINEERED FOR PROTEIN DRUG DELIVERY	137731	\$1,153,295
Mann, Sabine	Population Medicine & Diagnostic Science	USDA -> USDA National Institute of Food and Agriculture	PARTNERSHIP: DELAYED COW-CALF SEPARATION AND EARLY-LIFE NUTRITION: ADDRESSING CRITICAL KNOWLEDGE GAPS TO INFORM INDUSTRY BEST PRACTICES	139013	\$800,000
Manning, Sturt	Classics	European Union (Through: The Cyprus Institute)	TRACING HISTORY AND ENVIRONMENT WITH TREE RINGS IN CYPRUS - SUBCONTRACT	141900	\$13,920

McIntyre, Peter	CALS Natural Resources	DOI -> United States Geological Survey (Through: UMASS -> University of Massachusetts Amherst)	HOST CYCLE II OF THE NORTHEAST CLIMATE ADAPTATION SCIENCE CENTER	87988	\$44,407
Mehta, Saurabh	Nutritional Sciences	HHS -> PHS -> National Institutes of Health	NUTRITIONAL QUALITY OF BREAST MILK 6-12 MONTHS POSTPARTUM IN INDIA	138054	\$157,000
Mehta, Saurabh	Nutritional Sciences	HHS -> PHS -> National Institutes of Health	DETERMINATION OF BIOMARKERS OF IRON STATUS AND INFLAMMATION IN SALIVA	138055	\$364,348
Mehta, Saurabh	Nutritional Sciences	HHS -> PHS -> National Institutes of Health	DETERMINATION OF BIOMARKERS OF IRON STATUS AND INFLAMMATION IN SALIVA	138055	\$67,402
Nichols, Shaun	Philosophy	John Templeton Foundation (Through: Hillsdale College)	THE PSYCHOLOGICAL FOUNDATIONS OF THE COSMOLOGICAL ARGUMENT	139123	\$249,913
Ortiz Bobea, Ariel	Dyson - Sponsored Activity	USDA -> USDA National Institute of Food and Agriculture	R&D AND AGRICULTURAL PRODUCTIVITY IN A CHANGING CLIMATE	136277	\$500,000
Pillemer, Karl	Bronfenbrenner Ctr for Translational Rsch	HHS -> PHS -> NIH -> NIH National Institute on Aging (Through: Weill Cornell Medicine)	CORNELL ROYBAL CENTER-TRANSLATIONAL RESEARCH INSTITUTE ON PAIN IN LATER LIFE	88112	\$151,268
Putnam, David	Biomedical Engineering	Bausch & Lomb Incorporated	MEASUREMENT OF BIOMATERIAL INTERACTIONS WITH TEARS	142007	\$138,396
Ramakrishna, Ravi	Mathematics	National Science Foundation	ALGEBRA 2022 AND BEYOND A CONFERENCE IN HONOR OF THE MATHEMATICAL CONTRIBUTIONS OF MICHAEL J. LARSEN	141394	\$40,000
Rice, Aaron	CALS Lab of O - K. Lisa Yang Center	Coral Gardeners NGO	WHO SAID THAT?	142482	\$74,994
Robinson, Terence	CALS School of Integrative Plant Science	Keurig Dr Pepper	MODERNIZATION OF PROCESSING ORCHARDS FOR IMPROVED PRODUCTION AND PROFITABILITY	142259	\$81,734
Rudd, Brian	Microbiology and Immunology	The American Association of Immunologists Inc	MULTIMODAL DISSECTION OF NOVEL MEMORY CD8+ T CELLS DURING CHRONIC INFECTION	141611	\$54,144
Scaglione, Anna	JTC Research	DOD -> DOD US NAVY -> Office of Naval Research (Through: AZ Board of Regents on behalf of Arizona State University)	SECURING INSTALLATION IOT DEVICES AND 5G COMMUNICATIONS FOR ADAPTIVE BASING	141917	\$63,350
Scaglione, Anna	Tech Research	United States Department of Energy (Through: Lawrence Berkeley National Laboratory)	SUPERVISORY PARAMETER ADJUSTMENT FOR DISTRIBUTION ENERGY STORAGE (SPADES)	140857	\$150,000
Schlom, Darrell	Materials Science Engineering	National Science Foundation	MIP: PLATFORM FOR THE ACCELERATED REALIZATION, ANALYSIS, AND DISCOVERY OF INTERFACE MATERIALS (PARADIM)	92356	\$99,466
Schryver, Tom	Center for Economic Advancement	NYS -> New York State Energy Research and Development Authority (Through: Nextcorps)	MANUFACTURING CORPS (M-CORPS) PILOT PROGRAM	84217	\$115,000
Schuler, Krysten	Population Medicine & Diagnostic Science	Wildlife Management Institute	PUNCH IN THE GUT: FINDING CWD PRIONS AND MARKERS OF DISEASE RISK IN FECAL SAMPLES	141700	\$84,786
Scott, Rob	Cornell Prison Education Program	The Andrew W Mellon Foundation	GOING BEYOND THE RESTORATION OF PELL: REALIZING CORNELLS VISION FOR HOLISTIC HIGHER EDUCATION IN PRISON	142793	\$1,700,000
Shen, Kyle	Lab. of Atomic & Solid State Physics	NSF -> NSF Directorate for Mathematical and Physical Sciences	SYNTHESIS AND SPECTROSCOPY OF THIN FILM NICKELATE SUPERCONDUCTORS	137703	\$435,000

Smallidge, Peter	CALS Natural Resources	NYS -> New York State Department of Agriculture and Markets (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York College of Environmental Science and Forestry)	CLIMATE AND APPLIED FORESTRY RESEARCH INSTITUTE PROJECTS 2021	138238	\$500,000
Smart, Larry	CALS School of Integrative Plant Science	Thai Leaf Biotechnology Co., Ltd.	COOPERATIVE BREEDING OF HIGH-CANNABINOID HEMP FOR THAILAND	141676	\$875,000
Smart, Larry	CALS School of Integrative Plant Science	USDA -> USDA ARS -> Ars Pacific West Area (Through: Oregon State University)	SUSTAINABLE INCORPORATION OF HEMP INTO AMERICAN AGRICULTURAL CROPPING SYSTEMS	140418	\$20,000
Stephens-Davidowitz, Noah	Computer Science	National Science Foundation	COLLABORATIVE RESEARCH: CISE-ARN: CNS CORE: SMALL: CRYPTOGRAPHIC HARDNESS OF MODULE LATTICES	138866	\$250,000
Stokol, Tracy	Population Medicine & Diagnostic Science	AKC -> American Kennel Club Canine Health Foundation	PLASMINOGEN-ACTIVATOR INHIBITOR-1 (PAI-1) AND IMPAIRED FIBRINOLYSIS IN IMMUNE-MEDIATED HEMOLYTIC ANEMIA	140834	\$116,865
Thies, Janice	CALS School of Integrative Plant Science	Rich Products Corporation	GREENHOUSE STUDIES	141688	\$8,146
Thies, Janice	CALS School of Integrative Plant Science	USDA -> USDA National Institute of Food and Agriculture (Through: SUNY -> SUNYRF -> The Research Foundation for the State University of New York Albany)	ELUCIDATING AND MODELING MICROBE-MEDIATED ORGANIC MATTER CYCLING FOR PREDICTIVE SOIL HEALTH MANAGEMENT USING BIOCHAR	140519	\$270,000
Tian, Zhiting	Mechanical & Aerospace Engineering	French American Cultural Exchange Foundation	UNVEILING THERMAL CHANNELS IN DISORDERED MACROMOLECULES	139136	\$10,000
Todhunter, Rory	Clinical Sciences	Zweig Memorial Fund	GENOMICS OF AUTOPSY-NEGATIVE SUDDEN CARDIAC DEATH IN RACING THOROUGHBREDS	92121	\$49,672
Tomlinson, Joy	Baker Institute for Animal Health	USDA -> USDA National Institute of Food and Agriculture	EPIDEMIOLOGY, TRANSMISSION, AND PATHOGENICITY OF EQUINE HEPACIVIRUS	139767	\$625,000
Tschida, Katherine	Psychology	Whitehall Foundation Inc	MIDBRAIN-TO-HINDBRAIN CIRCUITS FOR VOCAL COMMUNICATION	141523	\$225,000
Udell, Madeleine	Operations Research & Information Engr	CANADA -> Canadian Institutes Of Health Research (Through: Trillium Health Partners)	USING DATA TO GUIDE POPULATION HEALTH MANAGEMENT: A COMPREHENSIVE EVALUATION OF ANALYTIC APPROACHES FOR POPULATION SEGMENTATION	141817	\$38,205
Weatherspoon, Hakim	Computer Science	Foundation for Food & Agriculture Research (Through: North Carolina State University)	FFAR FELLOWS PROGRAM-SHIANG-WAN CHIN	140514	\$82,500
Whitmore, Mark	CALS Natural Resources	NYS -> New York State Department of Environmental Conservation	NEW YORK STATE HEMLOCK INITIATIVE	91830	\$500,000
Whittaker, Gary	Microbiology and Immunology	HHS -> PHS -> National Institutes of Health	BROAD-BASED SPIKE PROTEIN STALK-BASED VACCINE PLATFORM FOR SARS-COV-2 AND OTHER CORONAVIRUSES	139295	\$431,750
Wild, Adam	CALS Natural Resources	Perennia Food and Agriculture Inc.	PROVISION OF MAPLE EXTENSION SERVICES FOR MAPLE PRODUCERS IN NOVA SCOTIA	142201	\$56,974
Yang, Rong	Chemical & Biomolecular Engineering	HHS -> PHS -> National Institutes of Health (Through: Regents of the University of Minnesota)	DESIGNING NON-TOXIC HYDROGELS FOR TRANS-TYMPANIC DRUG DELIVERY AND TREATMENT OF OTITIS MEDIA	137863	\$183,128

Yoon, So-Yeon

Design and Environmental Analysis

International WELL Building  
Institute

UNDERSTANDING THE IMPACT OF THE WELL BUILDING  
STANDARD ON EMPLOYEE EXPERIENCE THROUGH ASSESSMENT  
OF PERCEIVED CONTROL AND ORGANIZATIONAL SUPPORT

141087

\$11,571