

**Cornell University, Office of Sponsored Programs  
Awards Received in May 2019**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
ABBOTT, NICHOLAS	Chemical & Biomolecular Engineering	U OF WISCONSIN SYS (U WISC MADISON)	REACTIVE CHEMICAL SYSTEMS: EFFECTS OF NANOSCALE CHEMICAL HETEROGENEITY ON HYDROPHOBIC INTERACTIONS AND MOLECULAR ASSEMBLY AT SURFACES	87724	\$74,955
AVGAR, ARIEL C.	Labor Relations, Law, & History	NAA	ORGANIZATIONAL CONFLICT MANAGEMENT STRATEGIES IN A CHANGING LANDSCAPE: A PROPOSAL FOR A CONFLICT RESOLUTION SURVEY OF FORTUNE 1000 FIRMS	89741	\$50,000
BALA, KAVITA	Computer Science	NSF (NSF CISE)	CHS: SMALL: DATA-DRIVEN MATERIAL UNDERSTANDING AND DECOMPOSITION	78507	\$16,000
BAPTIST, EDWARD E	Cornell Inst for Social & Econ Research	Kriebler FDN	FREEDOM ON THE MOVE	89535	\$18,000
BARTON, KEITH W.	Capital Projects	NYS (DORMITORY)	DIMOCK LAB GOLDEN NEMATODE QUARANTINE FACILITY	81540	\$600,000
BARTON, KEITH W.	Capital Projects	NYS (DORMITORY)	RENOVATION OF THE CATHERWOOD LIBRARY	84048	\$250,000
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	ZOETIS	EXPERIMENTAL METRITIS INDUCTION MODEL ON DAIRY COWS	89646	\$360,321
BIHN, ELIZABETH	CALS Food Science	U OF VERMONT	THE NORTHEAST CENTER TO ADVANCE FOOD SAFETY (NECAFS)	87106	\$53,190
BIRMAN, KENNETH P	Computer Science	LEIDOS	MISSION SYSTEMS OPEN ARCHITECTURE SCIENCE AND TECHNOLOGY (MOAST) TASK ORDER 2	88103	\$20,000
BJORKMAN, THOMAS N	CALS School of Integrative Plant Science	SEMINIS	SPONSORED PRODUCT TESTING AGREEMENT	89671	\$20,480
BOGDANOVA, ADAM J	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	TAL EFFECTOR TARGETED SUSCEPTIBILITY GENES IN BLACK ROT OF CABBAGE CAUSED BY XANTHOMONAS CAMPESTRIS PV. CAMPESTRIS	87557	\$120,000
BRETSCHER, ANTHONY P	Weill Institute	DHHS (NIH-NIH NIGMS)	MICROFILAMENT FUNCTION IN CELL POLARITY	86881	\$4,000,891
BROWN, NELLIE J	Industrial & Labor Relations Ext Orgs	MONROE CTY	LEAD RENOVATION, REPAIR, AND PAINTING TRAINING, INITIAL AND REFRESHER COURSES 2019-2020	89858	\$38,000
COFFMAN, W. RONNIE	CALS International Programs	MAIL	TECHNICAL SUPPORT FOR ESTABLISHMENT OF PLANT TISSUE CULTURE LABORATORY IN BADAMBAGH, KABUL.	87240	\$351,686
COOK, MICHAEL N.	Mann Library	CRL	THE RURAL NEW YORKER PHASE II	89362	\$8,525
CORNWELL, BENJAMIN	Sociology	U OF VIRGINIA	THE INFLUENCE OF SOCIAL NETWORKS ON DISPARITIES IN POSTNEONATAL INFANT MORTALITY (PENDING AWARD FROM UNIVERSITY OF VIRGINIA, TRANSFERRED FROM CHILDREN'S RESEARCH INSTITUTE)	78698	\$72,641
CUMMINGS, BETHANY	Biomedical Sciences	HARTWELL FDN	HARNESSING THE ALPHA-CELL FOR DIABETES TREATMENT	87800	\$300,000
DAUGHTREY, MARGERY L	CALS School of Integrative Plant Science	FMC	SPONSORED PRODUCT TESTING AGREEMENT	89902	\$7,000
DAVIS, J. C. SEAMUS	Lab. of Atomic & Solid State Physics	BROOKHAVEN	SPECTROSCOPIC IMAGING STM FOR COMPLEX ELECTRONIC MATTER STUDIES	63791	\$142,000
DE JONG, WALTER	CALS School of Integrative Plant Science	POTATOES	2019 POTATOES USA TRIALS	88879	\$25,286
DELL, NICOLA LEE	JTC Research	RWJF	UNDERSTANDING THE IMPACT OF TECHNOLOGY ON HOME HEALTHCARE DELIVERY FOR ADULTS WITH HEART FAILURE	88431	\$358,636
DUGAN, PETER	CALS Lab of O - Programs	NAVFAC	SONAR DETECTION ALGORITHM AND EVALUATION	89299	\$33,545
FULLER, ANGELA K	CALS Natural Resources	MAINE	MAINE INTEGRATED BLACK BEAR POPULATION MODEL: INTEGRATING PRE-EXISTING AND COST-EFFICIENT METHODS FOR BEAR MONITORING TO INFORM BLACK BEAR MANAGEMENT	88979	\$174,596
GIERASCH, PETER J	Center Astrophysics-Planetary Science	NASA (NSSC)	OUTER PLANETS ATMOSPHERIC STRUCTURE AND PARTICIPATION IN CIRS	82975	\$121,677
GODDARD, JULIE MELISSA	CALS Food Science	USDA (USDA-NIFA)	CLEAN LABEL ACTIVE PACKAGING TO REDUCE FOOD WASTE & LOSS	87661	\$907,500

GODDARD, JULIE MELISSA	CALS Food Science	USDA (USDA-NIFA)	CREATION OF BIODEGRADABLE NONMIGRATORY ACTIVE PACKAGING VIA REACTIVE EXTRUSION FOR THE REDUCTION OF FOOD WASTE AND LIMITED ENVIRONMENTAL IMPACT	87592	\$120,000
GODDARD, JULIE MELISSA	CALS Food Science	PEPSICO	ANTI-MICROBIAL ACTIVITY OF MATERIALS	88500	\$29,312
GOLDFARB, JILLIAN L	CALS Biological & Environmental Engr	BOSTON U	SYSTEMATIC DESIGN OF POROUS HETEROGENEOUS HIERARCHICAL MATERIALS AND STRUCTURES TO OPTIMIZE REACTIVE TRANSPORT PROCESSES	88417	\$223,869
GOMEZ, MIGUEL	CALS AEM	USDA (USDA-NIFA)	ENSURING QUALITY AND SAFETY IN THE U.S. FRESH VEGETABLE SUPPLY CHAIN	87971	\$499,545
GOMEZ, MIGUEL	CALS AEM	NYS (AGMRKT)	THE MIGHTY CONCORD: IMPROVING NY GRAPE GROWERS' AND PROCESSORS' BOTTOM-LINE BY IDENTIFYING MARKETING BARRIERS AND CREATING OPPORTUNITIES	86891	\$124,742
GONZALEZ, YOLANDA	CALS Cornell Cooperative Extension	U OF VERMONT	SPAWNING A NETWORK OF NORTHEAST MUSHROOM EDUCATORS SERVING URBAN AND RURAL FARMER AUDIENCES	88576	\$144,938
GORE, MICHAEL A	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	INTEGRATING TRANSCRIPTOMICS FOR THE IMPROVEMENT OF GENETIC DISSECTION AND PREDICTION OF PROVITAMIN A AND VITAMIN E IN FRESH SWEET CORN KERNELS	87608	\$120,000
GRANT, JENNIFER	CALS NYS Integrated Pest Management	NYS (NYS PARKS & REC)	REDUCED RISK GOLF COURSE MANAGEMENT	85475	\$79,799
GREEN, KEITH E	Design and Environmental Analysis	NSF	SCH: EXP: HOME+, AN INTELLIGENT AND INTEROPERABLE SUITE OF ROBOTIC FURNISHINGS, LEARNING AND EVOLVING WITH THEIR USERS	81402	\$13,000
HASKINS, ANNA R.	Sociology	WTGRNT FND	SCHOOL ENGAGEMENT AND AVOIDANCE AMONG SYSTEM-INVOLVED PARENTS WITH YOUNG CHILDREN	87148	\$350,000
HAYES, GALINA M.	Clinical Sciences	MADDIE'S FUND	INVESTIGATION OF PERIOPERATIVE INADVERTENT HYPOTHERMIA IN CATS AND DOGS AND EFFECT OF IMPLEMENTING A THERMAL CARE BUNDLE	87535	\$10,767
HOCHACHKA, WESLEY	CALS Lab of O - Programs	NSF (NSF BIO)	BELMONT FORUM COLLABORATIVE RESEARCH: CONSERVATION POLICY IN A CHANGING WORLD: INTEGRATING CITIZEN SCIENCE DATA FROM NATIONAL MONITORING SCHEMES TO MODEL IMPACTS OF GLOBAL CHANGE SCENARIOS	85544	\$178,978
JOHNSON, CHARLES R	Electrical & Computer Engineering	GETTY FDN	APPLYING DIGITAL IMAGE PROCESSING ALGORITHMS TO THE STUDY OF PRINTS AND DRAWINGS	87430	\$245,000
JU, WENDY GUANG-WEN	JTC Research	NISSAN	TRANSFORMING UNCOMFORTABLE SILENCES INTO COMFORTABLE SILENCES	89694	\$84,127
KALTENEGGER, LISA	Center Astrophysics-Planetary Science	BRINSON	SEARCH FOR LIFE IN THE UNIVERSE	90243	\$50,000
KELLOGG, ELIZABETH HUA-MEI	Molecular Biology and Genetics	DHHS (NIH)	MOLECULAR BASIS OF GENOME ORGANIZATION AND INTEGRITY USING CRYO-EM	88497	\$746,999
KENKEL, DONALD S	Policy Analysis and Management	EXECUTIVE OFFICE	IPA AGREEMENT WITH THE COUNCIL OF ECONOMIC ADVISERS	86657	\$137,500
KLEINBERG, JON	Computer Science	INET	3RD WORKSHOP ON MECHANISM DESIGN FOR SOCIAL GOOD (MD4SG'19)	90092	\$1,500
KNEPPER, ROSS	Computer Science	DOD (NAVY-ONR)	MODELING AND PLANNING WITH HUMAN IMPRESSIONS OF ROBOTS	87748	\$2,594,913
LEWIS, NIKOLE K.	Center Astrophysics-Planetary Science	HEISING-SIMONS	EMERGING RESEARCHERS IN EXOPLANET SCIENCE (ERES) CONFERENCE SUPPORT	90020	\$32,775

LIFKA, DAVID	Center for Advanced Computing	NSF (NSF CISE)	CC*DNI DIBBS: DATA ANALYSIS AND MANAGEMENT BUILDING BLOCKS FOR MULTI-CAMPUS CYBERINFRASTRUCTURE THROUGH CLOUD FEDERATION	76221	\$39,796
LIGHTHALL, SHARI L	CALS School of Integrative Plant Science	NYS (AGMRKT)	ASSOCIATION OF AGRICULTURAL EDUCATORS (2018-2019)	87169	\$2,080,000
MARCH, JOHN	CALS Biological & Environmental Engr	TAKEDA	EVALUATION AGREEMENT	89525	\$35,000
MARQUIS, HELENE	Microbiology and Immunology	USDA (USDA-NIFA)	REGULATING ANTIMICROBIAL PEPTIDES IN HOUSEFLY LARVA MEAL TO IMPROVE FISH HEALTH AND THE SUSTAINABILITY OF AQUACULTURE FEEDS	87596	\$120,000
MARTINEZ, CARMEN E	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	TRACKING THE FATE OF LOW MOLECULAR WEIGHT ORGANIC SUBSTRATES IN SOLUTION-MICROBE-MINERAL SYSTEMS	87559	\$120,000
MCART, JESSICA A	Population Medicine & Diagnostic Science	USDA (USDA-NIFA)	HYPICALCEMIA IN POSTPARTURIENT DAIRY COWS: OUR HISTORY PREVENTS OUR PROGRESS	87533	\$500,000
MCART, SCOTT	CALS Entomology	USDA (USDA-NIFA)	FUNGICIDES AND POLLINATOR HEALTH: QUANTIFYING MECHANISMS OF STRESS TO INFORM REAL WORLD SOLUTIONS	87997	\$499,000
MCINTYRE, PETER BIEK	CALS Natural Resources	PACKARD FDN	PACKARD FELLOWSHIP	86927	\$245,615
MESSER, PHILIPP	CALS Biology Stats & Computational Biol	PREDATOR FREE	REALISTIC POPULATION MODELING OF GENE DRIVE STRATEGIES FOR RODENT CONTROL IN NZ - YEAR 2	90036	\$104,000
MORRISSETT, JOHN G	Computer Science	GALLOIS	SPARTA - THE SECURE PARSER TOOLKIT FOR ASSURANCE	88353	\$455,804
MUELLER, ERICH	Lab. of Atomic & Solid State Physics	U OF CHICAGO	FUNDAMENTAL ISSUES IN NON-EQUILIBRIUM PHYSICS	69332	\$84,579
MUTSCHLER, MARTHA A	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	LEVERAGING DIGITAL PHENOTYPING AND GENOMICS TO DEVELOP DURABLE RESISTANCE TO EARLY BLIGHT IN TOMATO	87263	\$120,000
NAULT, BRIAN A	CALS Entomology	GREENLIGHT	SPONSORED PRODUCT TESTING AGREEMENT	90161	\$42,000
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (DORMITORY)	ESSENTIAL EQUIPMENT AND INFRASTRUCTURE FOR BOLSTERING FIELD RESEARCH AT NYSAES	81909	\$250,000
PEI, ZHUAN	Policy Analysis and Management	U OF CAL (UC BERKELEY)	THE EFFECTS OF EMPLOYMENT INCENTIVES AND CASH TRANSFERS ON PARENT AND CHILD OUTCOMES: EVIDENCE FROM THE LONG RUN EFFECTS OF WELFARE REFORM EXPERIMENTS	84261	\$1,849
POVEDA, KATJA	CALS Entomology	USDA (USDA-NIFA)	LANDSCAPE-MEDIATED CHANGES IN FUNCTIONAL TRAITS OF INSECT POPULATIONS AND THEIR CONSEQUENCES FOR ECOSYSTEM SERVICES	87830	\$455,000
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	EXPANDING SPECIALTY MUSHROOM PRODUCTION ON URBAN AND RURAL SMALL FARMS	87888	\$499,601
REINERS, STEPHEN	CALS School of Integrative Plant Science	MONSANTO	SERVICE ORDER NO. 24	90104	\$17,665
ROSE, JOCELYN	Institute Biotechnology & Life Science	USDA (ARS)	ACQUISITION OF GOODS AND SERVICES	87939	\$5,266
RUIINA, ANDY L	Mechanical & Aerospace Engineering	TRI	IMPROVEMENT OF DYNAMIC SIMULATION FOR DESIGN AND CONTROL OF ROBOTS	90025	\$149,999
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$1,882,786
SABUNCU, MERT	Electrical & Computer Engineering	WCM	A MACHINE LEARNING APPROACH FOR CTA-BASED PLAQUE CHARACTERIZATION AND STROKE RISK PREDICTION IN CAROTID ARTERY ATHEROSCLEROSIS	85910	\$107,986
SCHIMENTI, JOHN C	Biomedical Sciences	DHHS (NIH-NIH NICHD)	RESEARCH AND CAREER TRAINING IN VERTEBRATE DEVELOPMENTAL GENOMICS	76969	\$4,195
SCHNEIDER, FRED B	Computer Science	DOD (AF-AFOSR)	FROM EXPRESSIVE TAGS TO SYSTEM SECURITY POLICIES	89197	\$899,134
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (NYSERDA)	76 WEST	76942	\$199,573
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (ESD)	REV: ITHACA STARTUP WORKS CONSOLIDATED FUNDING APPLICATION	87486	\$625,000

SCHRYVER, THOMAS SHMATIKOV, VITALY	Center for Economic Advancement Tech Research	NYS (ESD) SRI	NEW YORK FOOD AND AGRICULTURE CHALLENGE (GROW-NY) DYNAMICALLY ENCODING & STOCHASTICALLY TRANSMITTING INFORMATION OVER NATION STATE INFRASTRUCTURES (DESTINI)	81768 88031	\$15,000,000 \$1,222,997
SIMPSON, KENNY	Clinical Sciences	WCM	HOST-MICROBIOTA INTERACTIONS IN CROHN'S DISEASE- ASSOCIATED SPONDYLOARTRITIS	84060	\$38,912
SMART, CHRISTINE D	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	UNDERSTANDING THE EPIDEMIOLOGY AND INFECTION BIOLOGY OF MELAMPSORA AMERICANA WILLOW RUST IN THE NORTHEAST UNITED STATES	87584	\$120,000
SMART, LAWRENCE B	CALS School of Integrative Plant Science	USDA (USDA-NIFA)	DISSECTING RESISTANCE TO WILLOW LEAF RUST (MELAMPSORA SPP.) IN SHRUB WILLOW (SALIX SPP.)	87589	\$120,000
STRAUSS, BARRY STUART	History	BRADLEY FDN	BRADLEY GRADUATE AND POST-GRADUATE FELLOWSHIP PROGRAM	90050	\$25,000
STUP, RICHARD	CALS Cornell Cooperative Extension	GVRM	NEW YORK AGRICULTURAL WORKFORCE DEVELOPMENT: 4 CRITICAL PROGRAMS	90097	\$50,000
TIFFANY, JENNIFER S TURNER, ANDREW S WANG, PING	NYC - Cooperative Extension Bronfenbrenner Ctr forTranslational Rsch CALS Entomology	NYS (AGMRKT) NATL 4-H USDA (USDA-NIFA)	FARMERS' MARKET ALLIANCE NYC 2019-20 CATALYZING CURIOSITY WITH COMPUTER SCIENCE FUNCTIONAL UNDERSTANDING OF BT TOXIN RECEPTORS, THE CRITICAL DETERMINANTS OF SPECIFICITY AND TOXICITY OF BT TOXINS IN INSECT PESTS	89496 89015 87836	\$10,000 \$246,000 \$454,996
WANG, YADONG	Biomedical Engineering	DHHS (NIH)	EXTENDED RELEASE OF BIOACTIVE FACTORS TO TREAT REFRACTORY WOUNDS	84286	\$39,327
WARNER, MILDRED E	CALS Development Sociology	USDA (USDA-NIFA)	AGE-FRIENDLY RURAL COMMUNITIES LINKING ECONOMY, PLANNING, SERVICES AND HEALTH	87690	\$500,000
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	EPA	ENVIRONMENT & COMMUNITY FRIENDLY WASTEWATER TREATMENT	86987	\$75,000
WIEDMANN, MARTIN	CALS Food Science	USDA (USDA-NIFA)	A MULTI-OMICS APPROACH TO EXTEND THE SHELF-LIFE OF FLUID MILK	87607	\$120,000
WIEDMANN, MARTIN	CALS Food Science	U OF ILLINOIS (UIUC)	SIMULATION ANALYSIS OF IN-FIELD PRODUCE SAMPLING FOR RISK-BASED SAMPLING PLAN DEVELOPMENT	86093	\$114,247
WILDEMAN, CHRISTOPHER J	Bronfenbrenner Ctr forTranslational Rsch	CASEY	PRELIMINARY ANALYSIS OF CASEWORKERS IN NCANDS & AFCARS	89129	\$99,000
ZAMUDIO, KELLY R	Ecology and Evolutionary Biology	MORRIS ANIMAL	EASTERN NEWT (NOTOPHTHALMUS VIRIDESCENS) IMMUNE RESPONSES TO THE NEXT AMPHIBIAN THREAT, BATRACHOCHYTRIUM SALAMANDRIVORANS BSAL	88727	\$50,000
ZHAO, QING	Electrical & Computer Engineering	RAYTHEON	RESOURCE-AWARE ONLINE LEARNING FOR MODALITY SELECTION	89854	\$25,325