

**Cornell University, Office of Sponsored Programs
Awards Received in February 2020**

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ACIMOVIC, SRDAN GORAN	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	QRT-PCR FOR RAPID DETECTION & DIFFERENTIATION OF COLLETOTRICHUM FUNGI CAUSING FRUIT BITTER ROT ON NEW YORK APPLE FARMS & STORAGES	89379	\$99,999
AGNELLO, ARTHUR M	CALS Entomology	N.CAR ST U	DEVELOPMENT AND IMPLEMENTATION OF INTEGRATED STRATEGIES FOR THE MANAGEMENT OF AMBROSIA BEETLE ASSOCIATED RAPID APPLE DECLINE IN THE EASTERN UNITED STATES	88395	\$104,981
ALANI, ERIC	CALS Molecular Biology & Genetics	DHHS (NIH)	ROLES FOR MISMATCH REPAIR PROTEINS IN MAINTAINING GENOME STABILITY	89135	\$1,781,911
ARCHER, LYNDEN A	Chemical & Biomolecular Engineering	DOE	ELECTRODEPOSITION OF METALS IN VISCOELASTIC LIQUID ELECTROLYTES	78088	\$800,000
AUSTERMAN, MARY	CALS Sea Grant	U OF ILLINOIS (UIUC-OTM)	USING A TEACHER MENTOR MODEL TO EXPAND THE IMPACT OF THE CENTER FOR GREAT LAKES LITERACY'S COMMUNITY OF PRACTICE	90290	\$22,000
AVEDISIAN, C T	Mechanical & Aerospace Engineering	PRAIRIE VIEW U	RESEARCH ON HIGH PRESSURE COMBUSTION IN MICROGRAVITY	88775	\$364,349
BAIRD, BARBARA A	Chemistry and Chemical Biology	DHHS (NIH)	HIGH RESOLUTION CHARACTERIZATION OF RECEPTOR SIGNALING AND REGULATION	88966	\$1,634,336
BICALHO, RODRIGO	Population Medicine & Diagnostic Science	ZOETIS	EXPERIMENTAL METRITIS INDUCTION MODEL ON DAIRY COWS: RESEARCH PROTOCOL - EXHIBIT B-10	89646	\$84,468
BIGLER, ESTA R	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	CRIMINAL RECORDS EMPLOYMENT DISCRIMINATION	90116	\$50,000
BOWMAN, DWIGHT D	Microbiology and Immunology	BAYER ANIMAL HLTH	USING PILL CAPSULE ENDOSCOPY TO ASSESS INTESTINAL WORM BURDENS IN INFECTED DOGS	91079	\$40,909
BROWN-LIMA, CARRIE JEAN	CALS Natural Resources	SUNY (SUNY ENVIR SCI)	FIELD EVALUATION OF HYPENIA OPULENTA FOR BIOLOGICAL CONTROL OF INVASIVE PALE AND BLACK SWALLOW-WORTS IN NEW YORK STATE	86821	\$47,067
CASTEEL, CLARE L	CALS School of Integrative Plant Science	BTI	VIPER: VIRUSES AND INSECTS AS PLANT ENHANCEMENT RESOURCES	91954	\$466,342
CHILDS-SANFORD, SARA E	Clinical Sciences	DE COIZART, K. SARAH	POST-RELEASE SURVIVAL SUCCESS OF ONE-EYED GREAT HORNED OWLS	90964	\$60,000
CUMMINGS, JAIME	CALS NYS Integrated Pest Management	NY FARM VIABILITY INST	EVALUATION OF SEED TREATMENTS FOR MANAGING SEEDCOR MAGGOT: WILL NEONICOTINOID ALTERNATIVES BE A GOOD SUBSTITUTE?	91797	\$23,319
DANESCU-NICULESCU-MIZIL, CRISTIAN	Information Science	WCM	AUTOMATED DETECTION OF SUICIDE ATTEMPT RISK AMONG BEREAVED INDIVIDUALS	89151	\$115,194
DONAHUE, DAN	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	MITIGATE HONEYCRISP BP BY UNDERSTANDING EARLY CA DISTRIBUTIONS AND ROOTSTOCK-CONFERRED RESISTANCE USING NOVEL NON-DESTRUCTIVE AND HIGH-THROUGHPUT APPROACHES.: FARM BILL	89434	\$98,204
EALICK, STEVEN E	Chemistry and Chemical Biology	NE-CAT	MEMORANDUM OF UNDERSTANDING - NORTHEAST COLLABORATIVE ACCESS TEAM (NE-CAT)	42734	\$1,250,000
ELLNER, STEPHEN P.	Ecology and Evolutionary Biology	NSF (NSF BIO)	COLLABORATIVE RESEARCH: A GENERAL APPROACH TO PARTITIONING CONTRIBUTIONS FROM MULTIPLE DRIVERS AFFECTING INDIVIDUALS, POPULATIONS, AND COMMUNITIES	89948	\$753,562

FILGUEIRAS, CAMILA C	CALS Entomology	NY FARM VIABILITY INST	PROTECTING ONIONS IN NEW YORK WITH ENTOMOPATHOGENIC NEMATODES	89430	\$98,671
FLORES-MACIAS, GUSTAVO A.	Government	NSF	DOCTORAL DISSERTATION RESEARCH: UNDERSTANDING PUBLIC ATTITUDES ABOUT CITIZEN SECURITY	86979	\$18,900
GRIFFITHS, PHILLIP	CALS School of Integrative Plant Science	TOKITA SEED	EASTERN BROCCOLI TRIALS	92419	\$1,500
HAAS, JERE D	Nutritional Sciences	VITASCAN	IRON.SCAN – POINT-OF-CARE IRON STATUS DETERMINATION ENABLED BY MOBILE TECHNOLOGY (PHASE II)	92142	\$57,478
HAYES, ALEXANDER G	Center Astrophysics-Planetary Science	JOHNS HOPKINS UNIV (APL)	DRAGONFLY	88492	\$2,408,741
HODDINOTT, JOHN	Nutritional Sciences	U OF CAL (UC DAVIS)	CAN GENDER- AND NUTRITION-SENSITIVE AGRICULTURAL PROGRAMS IMPROVE RESILIENCE? ANGEL, CYCLONE FANI, AND RESILIENCE IN BANGLADESH	91319	\$405,924
HYSELL, DAVID L	Earth & Atmospheric Sciences	NSF	SPACE WEATHER AND THE JICAMARCA RADIO OBSERVATORY	82350	\$7,038
JENA, DEBDEEP	Electrical & Computer Engineering	DOD (DARPA)	FERROELECTRIC SCALN MATERIALS AND DEVICES	92008	\$1,000,000
JUNG, SUNGHWAN	CALS Biological & Environmental Engr	VIRGINIA TECH	COLLECTING MINE DUST PARTICLES WITH LIQUID-COATED VIBRATING MESHES, PHASE 2	90192	\$170,000
JUSTICE, DEBORAH RUTH	Music	MID ATLANT ARTS	JAZZ TOURING NETWORK: TRAVEL GRANT	92342	\$421
KENKEL, DONALD S	Policy Analysis and Management	FOUNDATION FOR A SMOKE-FREE WORLD	AN ECONOMIC STUDY OF RISK PERCEPTIONS AND CONSUMER DEMAND FOR HARM REDUCTION PRODUCTS	92042	\$200,000
KETTERINGS, QUIRINE	CALS Animal Science	NY FARM VIABILITY INST	PHASE 3: YIELD MONITOR BASED ASSESSMENT OF CORN GRAIN AND SILAGE YIELD POTENTIALS FOR NEW YORK	91857	\$25,000
KURPIOS, NATASZA	Molecular Medicine	DHHS (NIH-NIH OD)	THE GENOMIC MECHANISMS OF TRANSCRIPTION AND DISEASE GENERATING MOUSE MODELS FOR LATERALITY DEFECTS USING CRISPR/CAS9 GENOME ENGINEERING AT THE PITX2 LOCUS	76528	\$504
LAWRENCE, JOSEPH R.	CALS Animal Science	NY FARM VIABILITY INST	EVALUATION OF VARIABILITY IN NITROGEN UPTAKE EFFICIENCY ACROSS CORN SILAGE HYBRIDS SUBMITTED TO THE NY CORN SILAGE HYBRID EVALUATION PROGRAM	91885	\$14,670
LEHMANN, JOHANNES	CALS School of Integrative Plant Science	WHRC	SOILS REVEALED PHASE II RESEARCH PROPOSAL: SPATIAL REPRESENTATION OF CARBON SEQUESTRATION POTENTIAL	92498	\$65,000
LEPAK, JESSE MICHAEL	CALS Sea Grant	U OF MINNESOTA	GREAT LAKES SEA GRANT AQUACULTURE COLLABORATIVE RESOURCE MANAGER RESPONSES TO THE CHINOOK SALMON FISHERY COLLAPSE IN LAKE HURON: INFORMING FUTURE DECISION-MAKING	89873	\$40,433
LEPAK, JESSE MICHAEL	CALS Sea Grant	GRT LKS FISH	RESOURCE MANAGER RESPONSES TO THE CHINOOK SALMON FISHERY COLLAPSE IN LAKE HURON: INFORMING FUTURE DECISION-MAKING	90300	\$138,251
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	DISTINGUISHED VISITING SCIENTIST	89600	\$20
LUNINE, JONATHAN	Center Astrophysics-Planetary Science	NASA (JPL)	DISTINGUISHED VISITING SCIENTIST	89600	\$81,431
MCART, SCOTT	CALS Entomology	NYS (AGMRKT)	NEW YORK STATE POLLINATOR PROTECTION PLAN: ASSESSING THE IMPORTANCE OF PESTICIDES, PATHOGENS AND MANAGEMENT PRACTICES	80994	\$300,000
MCINTYRE, PETER BIEK	CALS Natural Resources	UMASS (UMASS AMHERST)	HOST CYCLE II OF THE NORTHEAST CLIMATE ADAPTATION SCIENCE CENTER	87988	\$328,450
MUTSCHLER- CHU, MARTHA A	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	HIGH-QUALITY NY-ADAPTED TOMATO HYBRIDS COMBINING ENHANCED EARLY BLIGHT RESISTANCE & OTHER FUNGAL RESISTANCES TO REDUCE DISEASE IMPACT & FUNGICIDE USE	89404	\$99,989
NOWACK, KATJA C.	Lab. of Atomic & Solid State Physics	LANL	PERFORM SCANNING SQUID MICROSCOPY MEASUREMENTS	91996	\$141,307
NYROP, JAN P	CALS Cornell AgriTech Fin & Operating	NYS (ESD)	2019-2020 APPLE RESEARCH AND DEVELOPMENT PROGRAM (ARDP GROWER FUNDS)	89999	\$447,864

OVERTON, THOMAS R	CALS Animal Science	PHIBRO	COMPARING DIETARY CALCIUM CONTENT AND ANIMATE SUPPLEMENTATION FOR PARTIALLY OR FULLY ACIDIFIED DIETARY CATION-ANION DIFFERENCE LEVELS IN CLOSE-UP DRY COW DIETS	92136	\$354,211
PARKER, JOHN S	Baker Institute for Animal Health	DHHS (NIH-NIH NIAID)	SHORT TERM TRAINING FOR STUDENTS IN THE HEALTH PROFESSIONS	88148	\$3,812
PASS, RAFAEL N	Tech Instruction	JPMORGANCHASE (JPMORGAN BANK)	JPM 2020 AI RESEARCH PHD FELLOWSHIP-NAOMI EPHRAIM	91966	\$77,060
PERKINS, GILLIAN	Clinical Sciences	ZMF	EQUINE GAMMAHERPESVIRUSES AND EQUINE GASTRIC ULCER SYNDROME (EGUS) -- IS THERE A LINK?	92630	\$10,000
PETHYBRIDGE, SARAH J	CALS School of Integrative Plant Science	RIT	FOSTERING AGRICULTURAL REMOTE SENSING (FARMS) ALLIANCE	85995	\$119,440
RANGARAJAN, ANUSUYA	CALS School of Integrative Plant Science	US DVA	THERAPEUTIC HORTICULTURE AS INTRODUCTION TO VETERAN ENGAGEMENT IN AGRICULTURE (2020-2021)	92747	\$230,467
REED, PATRICK M	Civil & Environmental Engineering	PNNL	ADVANCING UNCERTAINTY CHARACTERIZATION AND QUANTIFICATION IN MULTI-SECTOR, MULTI-SCALE MODELING	91940	\$135,000
REID, JUDSON EDWARD	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	IMPROVING WINTER HIGH TUNNEL SOIL NITROGEN MANAGEMENT	89356	\$86,551
ROBINSON, ORIN JOSEPH	CALS Lab of O - Programs	NATURE CONSERVANCY	TNC- CLO COOPERATIVE AGREEMENT- TASK 2	92379	\$70,000
RUSH, ALEXANDER MATTHEW	Tech Research	HARVARD COLLEGE	III: MEDIUM: VISUALLY INTERACTIVE NEURAL PROBABILISTIC MODELS OF LANGUAGE	90595	\$351,828
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$51,114
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$466,334
SCANLON, MICHAEL J	CALS School of Integrative Plant Science	U OF CAL (UC SAN DIEGO)	GENOMIC ANALYSIS OF LEAF CUTICLE DEVELOPMENT AND FUNCTIONAL DIVERSITY IN MAIZE	73391	\$28,000
SCHANG, LUIS M.	Baker Institute for Animal Health	DHHS (NIH-NIH NINDS)	MENAGE A TROIS - ZIKA VIRUS, DNA DAMAGE RESPONSES AND MICROCEPHALY; IS PNKP THE MOLECULAR LINK?	87250	\$200
SCHNEIDER, FRED B	Computer Science	DOD (AF-AFOSR)	FROM EXPRESSIVE TAGS TO SYSTEM SECURITY POLICIES	89197	\$235,000
SIMPSON, KENNY	Clinical Sciences	MOUNT SINAI	MODIFIED ROUTINE PRODUCT TESTING AGREEMENT: ISOLATION AND CHARACTERIZATION OF E. COLI STRAINS TO DETERMINE THEIR AIEC PROFILE	88907	\$54,039
SORRELLS, MARK E	CALS School of Integrative Plant Science	N DAKOTA ST U	BUILDING A MULTI-STATE DATASET TO SUPPORT COORDINATE BREEDING OF LOCAL MALTING BARLEY	89974	\$9,829
SORRELLS, MARK E	CALS School of Integrative Plant Science	BREWERS ASSOC	IMPACT OF STORAGE ON MALTING QUALITY AND SEED DORMANCY IN PRE-HARVEST SPROUTING RESISTANT SPRING BARLEY	90301	\$9,200
STANYARD, MICHAEL J	CALS Cornell Cooperative Extension	NY FARM VIABILITY INST	2020 NEW YORK CORN YIELD CONTEST	91931	\$6,405
TIDBALL, KEITH G	CALS Natural Resources	AUBURN U	MILITARY FAMILIES LEARNING NETWORK	90789	\$50,025
VAN WIJK, KLAAS	CALS School of Integrative Plant Science	NSF	CLPS1-CLPF ADAPTORS FOR PROTEASE SUBSTRATE SELECTION IN CHLOROPLASTS	90601	\$930,000
VILHUBER, LARS	Industrial & Labor Relations Ext Orgs	MIT	INNOVATIONS IN DATA AND EXPERIMENTS FOR ACTION INITIATIVE (IDEA)	89490	\$92,000
VILHUBER, LARS	Industrial & Labor Relations Ext Orgs	AEA	DATA EDITOR FOR THE AMERICAN ECONOMIC ASSOCIATION	85946	\$198,504
WAGNER, K C	Industrial & Labor Relations Ext Orgs	NYS (NYS LABOR)	SEXUAL HARRASSMENT [C18202GG]	89556	\$150,000
WATKINS, CHRISTOPHER B	CALS School of Integrative Plant Science	NY FARM VIABILITY INST	HARVEST TIMING AND STORAGE CONDITIONS FOR THE NEW YORK APPLES VARIETIES, SNAPDRAGON AND RUBYFROST TO ENSURE MAXIMUM FRUIT QUALITY	89372	\$54,047

WEISS, ROBERT S	Biomedical Sciences	DHHS (NIH-NIH NCI)	THE ROLE OF THE DNA DAMAGE RESPONSE IN THE DEVELOPMENT AND THERAPEUTIC SENSITIVITY OF MALIGNANT TESTICULAR GERM CELL TUMORS	89792	\$2,520
WICKINGS, KYLE G	CALS Entomology	NY FARM VIABILITY INST	DEVELOPING MICROBIAL SEED TREATMENTS FOR NY SOD GROWERS FOR ENVIRONMENTALLY SAFE PEST MANAGEMENT AND TO ENHANCE THE VALUE OF SOD FOR NY SCHOOL GROUNDS	89400	\$95,912
WIEDMANN, MARTIN	CALS Food Science	NYS (ESD)	2019 DAIRY PROMOTION ORDER (FORMERLY MILK QUALITY IMPROVEMENT RESEARCH)	88975	\$1,553,081
WISE, KENNETH L.	CALS NYS Integrated Pest Management	NY FARM VIABILITY INST	NYS WESTERN BEAN CUTWORM MOTH PHEROMONE TRAPPING NETWORK -MEASURING THE EXPANSION OF THE POPULATION STATEWIDE AND HELPING FARMERS AVOID DAMAGE	91792	\$9,469
WOLFE, DAVID WALTER	CALS School of Integrative Plant Science	NYS (AGMRKT)	SOIL HEALTH INITIATIVE (2019 - 2020)	90172	\$200,000
YAPICI, NILAY	Neurobiology and Behavior	DHHS (NIH)	INVESTIGATING TEMPERATURE SENSITIVE NEURAL CIRCUITS THAT REGULATE REPRODUCTIVE DORMANCY	89352	\$451,000