

Cornell University, Office of Sponsored Programs
Awards Received in February 2018

Principal Investigator	Department	Sponsor	Project Title	OSP#	Amount
ACIMOVIC, SRDAN GORAN	CALS School of Integrative Plant Science	CCEJEFF	CONTINUED LAB DETECTION OF FIRE BLIGHT BACTERIUM ERWINIA AMYLOVORA IN SUSCEPTIBLE APPLE ROOTSTOCKS IN COMMERCIAL ORCHARDS AFFECTED BY THE 2016 EPIDEMIC IN NORTHERN NY	84896	\$21,240
AGUILAR-CARRENO, HECTOR	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	MECHANISMS OF NIPAH VIRUS FUSION AND ENTRY	84669	\$107,456
ALABI, CHRISTOPHER A	Chemical & Biomolecular Engineering	COLUMBIA U	SELF-ASSEMBLING NANOPARTICLES FOR INTRANASAL DELIVERY OF INFLUENZA FUSION INHIBIT	76273	\$180,135
ALABI, CHRISTOPHER A	Chemical & Biomolecular Engineering	DOD (ARMY-ARO)	SEQUENCE DEFINED POLYMERS AND THEIR STRUCTURAL EVALUATION	73520	\$149,375
ARTZI, YOAV YIZHAK	Tech Research	NSF	CAREER: SCALABLE LEARNING AND MODELS FOR MAPPING INSTRUCTIONS TO ACTIONS	83871	\$551,329
AUGUST, AVERY	Microbiology and Immunology	DHHS (NIH-NIH NIGMS)	CORNELL INITIATIVE FOR MAXIMIZING STUDENT DEVELOPMENT	82670	\$2,165,056
AUGUST, AVERY	Microbiology and Immunology	HUGHES MED INST	CU RESEARCH TRANSFER: ENHANCING THE RESEARCH EXPERIENCE OF COMMUNITY COLLEGE TRANSFER STUDENTS	81533	\$1,000,000
AVEDISIAN, C T	Mechanical & Aerospace Engineering	NASA	USE OF FLEX DATA TO ENHANCE VIDEO IMAGE PROCESSING FOR STUDYING COMBUSTION OF SOOT-PRODUCING JET FUEL DROPLETS AND THEIR BLENDS WITH BIO-DERIVED FUELS	82089	\$249,718
BAKER, MIKE	CALS Animal Science	OHIO ST U	GROWING PROFIT AND RISK MANAGEMENT POTENTIAL FOR OHIO AND NEW YORK CROP AND LIVESTOCK FARMS BY EXPANDING ACCESS TO FARM BUSINESS ANALYSIS AND BENCHMARKING PROGRAMS AND RESOURCES	83372	\$155,551
BARSTOW, BUZ M	CALS Biological & Environmental Engr	BURROUGHS W FND	EVOLVING THE LIMITS OF METABOLISM AND IN VIVO CATALYSIS	85685	\$260,000
BASSUK, NINA L	CALS School of Integrative Plant Science	JFS FAMILY CHARITABLE FDN	MICROPROGATION OF STRESS TOLERANT HYBRID WHITE OAKS FOR THE URBAN ENVIRONMENT	84546	\$6,000
BEASLEY, GERALD R.	Library Materials	NYS (NYSEDUC)	COORDINATED COLLECTION DEVELOPMENT AID 2017/2018 - CONTRACT COLLEGES	85769	\$12,591
BERGSTROM, GARY C	CALS School of Integrative Plant Science	CCEJEFF	DIAGNOSIS AND ASSESSMENT OF DISEASES OF FIELD CROPS IN NORTHERN NEW YORK	85118	\$23,651
BIHN, ELIZABETH	CALS Food Science	NFU	NEEDS ASSESSMENT PUBLICATION	85988	\$25,000
BIHN, ELIZABETH	CALS Food Science	NFU	SMALL-SCALE PROCESSOR LISTENING SESSIONS	85987	\$25,000
BIHN, ELIZABETH	CALS Food Science	NFU	LISTENING SESSIONS REPORT	85986	\$25,000
BONASSAR, LAWRENCE	Biomedical Engineering	WCM	ANNULAR REPAIR FOR TREATING INTERVERTEBRAL DEGENERATION	85240	\$39,283
BRITO, ILANA L	Biomedical Engineering	DHHS (NIH-NIH NHLBI)	SYSTEMS-LEVEL PERSPECTIVES OF HORIZONTAL GENE TRANSFER WITHIN THE HUMAN MICROBIOME	80846	\$2,457,500
BUHRMAN, ROBERT A	Applied & Engineering Physics	WD TECHNOLOGIES	SPIN ORBIT TORQUE (SOT) SWITCHING	81152	\$50,000
BYRNE, SAHARA E	CALS Communication	NSF (NSF SBE)	DOCTORAL DISSERTATION RESEARCH IN DRMS: DISGUST- DRIVEN PROSOCIAL BEHAVIOR: MESSAGE PROCESSING AND PERSUASIVE EFFECTS OVER TIME	84472	\$14,412
CHERNEY, DEBBIE J	CALS Animal Science	CCEJEFF	MAXIMIZING BOTH ALFALFA AND GRASS QUALITY OF MIXTURES	85108	\$31,987
CHERNEY, JEROME H	CALS School of Integrative Plant Science	U OF MINNESOTA	EVALUATING PROGRESS IN ALFALFA FORAGE QUALITY IMPROVEMENT	83911	\$13,000
COSLEY, DANIEL R	Information Science	NSF	IPA ASSIGNEE TO NSF, PROGRAM DIRECTOR FOR CISE/IIS	82306	\$188,275
CUMMINGS, BETHANY	Biomedical Sciences	NUTRICIA RESEARCH FDN	ROLE OF TGR5 IN THE EFFECT OF DIETARY RESISTANT STARCH TO IMPROVE GLUCOSE REGULATION	84660	\$30,046

DAUGHTREY, MARGERY L DAVIS, BRIAN R.	CALS School of Integrative Plant Science CALS Landscape Architecture	BAYER SUNY (U OF BUFFALO)	SPONSORED PRODUCT TESTING AGREEMENT REIMAGINING GREAT LAKES WATER SYSTEMS (PORT FUTURES PHASE II)	86111 83977	\$5,000 \$426,765
DAVIS, MICHAEL H	CALS CU Agriculture Experiment Station	CCEJEFF	ESTABLISHING NEW COMMERCIAL FRUIT CROPS FOR NORTHERN NEW YORK	85075	\$14,750
DESJARDINS, OLIVIER	Mechanical & Aerospace Engineering	TAITECH	NUMERICAL STUDY OF LIQUID JET ATOMIZATION IN SUPERSONIC CROSSFLOWS	80857	\$135,000
FESCHOTTE, CEDRIC	CALS Molecular Biology & Genetics	U OF UTAH	POPULATION GENETICS AND EVOLUTION OF MOBILE ELEMENTS	85985	\$195,266
FORS, BRETT P	Chemistry and Chemical Biology	NSF	CAREER: DEVELOPMENT AND APPLICATIONS OF PHOTOCONTROLLED CATIONIC POLYMERIZATIONS	84105	\$675,000
FUCHS, MARC GAZEL, ESTEBAN	CALS School of Integrative Plant Science Earth & Atmospheric Sciences	CALIFORNIA (CA FOOD AND AGR) UNLV	ECOLOGY OF GRAPEVINE RED BLOTCH-ASSOCIATED VIRUS UNDERSTANDING DIVERSITY IN MARTIAN MAGMATISM: MODELING THE FORMATION OF FELSIC AND ALKALINE IGNEOUS COMPOSITIONS FROM IN SITU DATA COLLECTED ON MARS	82618 84232	\$185,715 \$150,462
GOGGS, ROBERT A N	Clinical Sciences	BODEVET	AN EVALUATION OF THE CYTOKINE PROFILES OF BASAL AND ACTIVATED CANINE STABLEPLATE RX	85761	\$17,263
HANSEN, JULIE L	CALS School of Integrative Plant Science	CCEJEFF	BROWN ROOT ROT OF ALFALFA: DURABLE GENETICS FROM FOURTH PRODUCTION YEAR FIELD TRIAL	85093	\$13,924
HERNANDEZ, CHRISTOPHER J HUNTER, MICHAEL E	Mechanical & Aerospace Engineering CALS Cornell Cooperative Extension	HSS CCEJEFF	THE MICROBIOME AND PERIPROSTHETIC JOINT INFECTION EVALUATION OF ALTERNATIVE APPLICATION METHODS OF BIOCONTROL NEMATODES IN ALFALFA AND CORN	80202 85150	\$38,483 \$12,319
HUNTER, MICHAEL E	CALS Cornell Cooperative Extension	CCEJEFF	INSECTICIDE TIMING TRIAL FOR THE CONTROL OF WESTERN BEAN CUTWORM IN FIELD CORN	85149	\$2,065
HYSELL, DAVID L JAIME, KAREN	Earth & Atmospheric Sciences Performing and Media Arts	NSF WOODROW WILSON FOUNDATION	SPACE WEATHER AND THE JICAMARCA RADIO OBSERVATORY WOODROW WILSON CAREER ENHANCEMENT FELLOWSHIP	82350 86148	\$4,288,100 \$15,000
JOHNSON, CHARLES R	Electrical & Computer Engineering	NSF	AUTOMATED WATERMARK AND MOLDMATE IDENTIFICATION(AWMI)	85243	\$150,000
JUNG, MALTE F	Information Science	STANFORD U	SUPPORTING EMOTION REGULATION IN CHILDREN WITH SOCIALLY ASSISTIVE ROBOTS	74431	\$100,000
KETTERINGS, QUIRINE	CALS Animal Science	CCEJEFF	ASSESSMENT OF CORN YIELD POTENTIALS WITH YIELD MONITORS IN NORTHERN NEW YORK (PHASE 2)	85103	\$29,323
KETTERINGS, QUIRINE	CALS Animal Science	CCEJEFF	NORTHERN NEW YORK DAIRY REPRESENTATION IN REGIONAL ASSESSMENT OF A NEW PHOSPHORUS INDEX APPROACH (PHASE 2)	85101	\$31,565
KETTERINGS, QUIRINE	CALS Animal Science	CCEJEFF	IDENTIFYING YIELD-STABILITY MANAGEMENT ZONES FOR HIGHER YIELDS AND BETTER NITROGEN ALLOCATION	85185	\$38,173
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	\$1,404
LEHMANN, CHRISTOPHER J	CALS School of Integrative Plant Science	STARTER	PILOT TEST ON INTRODUCTION OF IMPROVED PYROLYTIC CLEAN COOKING SYSTEMS IN NORTH-WEST AND EAST REGIONS OF BURUNDI	85813	\$16,697
LIN, SONG	Chemistry and Chemical Biology	NSF	SUSCHEM: CAREER: CATALYTIC ELECTROCHEMICAL AMINATION REACTIONS	84188	\$650,000
LOVETTE, IRBY J	CALS Lab of O - Programs	NSF (NSF BIO)	COLLABORATIVE RESEARCH: NSFDEB-BSF: QUANTIFYING GENOMIC POROSITY IN NON-MODEL RADIATIONS	75791	\$24,800
MEHTA, SAURABH	Nutritional Sciences	WCM	DEVELOPMENT AND VALIDATION OF MOBILE-BASED ASSAY FOR AGG	85350	\$49,123

MOLNAR, ALYOSHA	Electrical & Computer Engineering	NSF	COLLABORATIVE RESEARCH: COMPUTATIONAL PHOTO-SCATTEROGRAPHY: UNRAVELING SCATTERED PHOTONS FOR BIO-IMAGING	82360	\$800,000
MORRILL, KIMBERLEY M	CALS Cornell Cooperative Extension	CCEJEFF	CALF HEALTH TREATMENT PROTOCOLS, COMPLIANCE AND ECONOMIC IMPACT	85019	\$25,252
NISSENBAUM, HELEN	Tech Research	NSF	EAGER: COLLAB: A RESEARCH AGENDA TO EXPLORE PRIVACY IN SMALL DATA APPLICATIONS	85512	\$191,552
NYDAM, DARYL V	Population Medicine & Diagnostic Science	DELAVAL- KANSAS CITY	DELAVAL EXTERNAL TEAT SEALANT WITH ANTIBIOTIC IN HIGH RISK COWS	82249	\$49,280
NYDAM, DARYL V	Population Medicine & Diagnostic Science	DELAVAL- KANSAS CITY	DELAVAL EXTERNAL TEAT SEALANT WITHOUT ANTIBIOTIC IN LOW RISK COWS	82258	\$49,280
O'NEIL, KATHLEEN A	CALS Cornell Cooperative Extension	CCEJEFF	EXTENDING THE NYS IPM WESTERN BEAN CUTWORM TRAP NETWORK FURTHER INTO CLINTON AND ESSEX COUNTIES	85124	\$4,071
O'NEIL, KATHLEEN A	CALS Cornell Cooperative Extension	CCEJEFF	USING THE CORNELL SOIL HEALTH TEST ON COMMERCIAL FARMS IN NNY – IDENTIFYING WITHIN-FIELD VARIABILITY (SPRING)	85123	\$28,674
O'ROURKE, THOMAS D	Civil & Environmental Engineering	SANEXEN	PERFORMANCE EVALUATION OF AQUA-PIPE UNDER EARTHQUAKE-INDUCED GROUND DEFORMATION	86027	\$115,437
OREFICE, JOSEPH N	CALS Natural Resources	CCEJEFF	COMPARISON OF SAP YIELDS BETWEEN DIFFERENT TIMING OF TAPPING SCHEDULES FOR MAPLE AND BIRCH SYRUP PRODUCTION	84721	\$24,831
O'SHEA, KELSEY IVA-MARIE	CALS Cornell Cooperative Extension	CCEJEFF	LABOR TRENDS AND THEIR IMPACT ON FINANCIAL AND PRODUCTIONS FACTORS ON DAIRY OPERATIONS IN THE NORTHERN NY REGION	85135	\$20,264
PARKER, JOHN S	Baker Institute for Animal Health	BURROUGHS W FND	13TH INTERNATIONAL DOUBLE-STRANDED RNA VIRUS SYMPOSIUM (DSRNA2018)	86151	\$6,000
POWERS, JANE	Bronfenbrenner Ctr forTranslational Rsch	HEALTH RESEARCH	MODELS OF COLLABORATION FOR STATE CHRONIC DISEASE AND ORAL HEALTH PROGRAMS: SUGAR SWEETENED BEVERAGE PROJECT	85341	\$19,868
PRITTS, MARVIN P	CALS School of Integrative Plant Science	N AM STRAWBERRY	UNDERSTANDING THE ROLE OF SOIL MANAGEMENT PRACTICES ON YIELD, FRUIT QUALITY AND FLAVOR IN STRAWBERRIES	85492	\$11,230
RICHARDS, KRISTY	Biomedical Sciences	WCM	THE BIOREPOSITORY CORE (CORE B)	83291	\$12,988
RICHARDS, KRISTY	Biomedical Sciences	WCM	IMPROVING EXPERIMENTAL THERAPEUTIC DEVELOPMENT BY INCORPORATING STUDIES IN VETERINARY PATIENTS	81205	\$299,177
RILES, ANNELISE	Law School Research	HUMBOLDT	COLLABORATION IN GOVERNANCE IN THE DIGITAL AGE	85968	\$59
RILES, ANNELISE	Law School Research	HUMBOLDT	COLLABORATION IN GOVERNANCE IN THE DIGITAL AGE	85968	\$309,943
ROBINSON, TERENCE L	CALS School of Integrative Plant Science	CCEJEFF	PRECISION MANAGEMENT AND NEW THINNING STRATEGIES TO OPTIMIZE PROFITABILITY OF THE NNY APPLE GROWERS	85145	\$16,756
ROSSI, FRANK S	CALS School of Integrative Plant Science	GREEN-WOOD	A GREEN-WOOD—CORNELL MODEL FOR CONFRONTING CLIMATE CHANGE IN THE URBAN LANDSCAPE	85865	\$499,997
RUDD, BRIAN D	Microbiology and Immunology	DHHS (NIH-NIH NIAID)	ROLES FOR DEVELOPMENTALLY REGULATED MICRORNAS IN NEONATAL IMMUNITY	80863	\$16,298
RUDSTAM, LARS G	CALS Natural Resources	U OF MICHIGAN	USING SIZE SPECTRUM MODELING TO UNDERSTAND SPATIAL AND TEMPORAL VARIABILITY IN FOOD WEB STRUCTURE IN THE LAURENTIAN GREAT LAKES	85529	\$70,000
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC (SOFTWARE & COMPUTING SUBSYSTEMS)	78877	\$373,575
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	DOE (FERMILAB)	CMS LPC 2018 DISTINGUISHED RESEARCH FELLOWSHIP - YANGYANG CHENG	85276	\$46,883
SCHRYVER, THOMAS	Center for Economic Advancement	NYS (ESD)	SOUTHERN TIER START-UP ALLIANCE	80859	\$1,250,000

SETHUPATHY, PRAVEEN	Biomedical Sciences	DHHS (NIH-NIH NIDDK)	MOLECULAR AND BIOLOGICAL FUNCTIONS OF MIR-29 IN LIPID HOMEOSTASIS	84480	\$848,250
SHEPHERD, ROBERT F SHIELDS, ELSON J	Mechanical & Aerospace Engineering CALs Entomology	WCM CCEJEFF	THE ADEPT PROSTHETIC HAND	85430	\$40,873
			IMPACT OF BIOCONTROL NEMATODES ON CORN ROOTWORM DURING THE CORN ROTATION	85134	\$14,833
SHULER, MICHAEL L SIMPSON, KENNY	Biomedical Engineering Clinical Sciences	WCM WCM	BIOMEDICAL DEVICES FOR SLEEP	85565	\$25,273
			SELECTIVE ANTAGONISM OF IBD ASSOCIATED DYSBIOTIC BACTERIA	85683	\$12,500
SINGH, ANKUR	Mechanical & Aerospace Engineering	DHHS (NIH)	BIOMATERIALS-BASED GERMINAL CENTER NICHES FOR UNDERSTANDING THE B CELL MATURATION AND B CELL RECEPTOR SIGNALING	83896	\$1,976,473
SMITH EINARSON, MARGARET E	CALS School of Integrative Plant Science	CCEJEFF	COMMERCIAL CORN HYBRID EVALUATION FOR SILAGE AND GRAIN IN NORTHERN NY	85147	\$30,000
SMITH EINARSON, MARGARET E	CALS International Programs	WACCI	SCIENTIFIC COMMUNICATION AND LIBRARY RESEARCH METHODS	86069	\$24,195
SNOVER-CLIFT, KAREN L	CALS School of Integrative Plant Science	USDA (USDA APHIS)	FY18 NPDN STAR-D LABORATORY QUALITY MANAGEMENT EDUCATION AND WEBSITE DEVELOPMENT	85749	\$26,068
SORRELLS, MARK E	CALS School of Integrative Plant Science	N DAKOTA ST U	IDENTIFYING SPRING MALTING BARLEY VARIETIES ADAPTED TO THE EASTERN US (2018)	83382	\$9,357
SPITZ, JUDITH ANN STOKOL, TRACY	Central Research - Unallocated Population Medicine & Diagnostic Science	PIVOTAL VANDERBILT U	WITNY WINTERNSHIP PROGRAM	85513	\$518,751
			SUPER NATURAL KILLER CELLS THAT TARGET METASTASES IN THE TUMOR-DRAINING LYMPH NODES	83363	\$258,268
TUFAN, HALE A	CALS International Programs	IFPRI	CORNELL--MAKERERE CERTIFICATION PROGRAM FOR GENDER-RESPONSIVE RESEARCHERS EQUIPPED FOR AGRICULTURAL TRANSFORMATION (GAAP2)	83756	\$41,178
VAN DOVER, ROBERT B.	Materials Science Engineering	DOD (AF-AFOSR)	SCIENTIFIC AUTONOMOUS REASONING AGENT (SARA): INTEGRATING MATERIALS THEORY, EXPERIMENT AND COMPUTATION	80776	\$7,500,000
VENGALATTORE, MUKUND VIANDS, DONALD R	Lab. of Atomic & Solid State Physics CALs School of Integrative Plant Science	U OF CHICAGO CCEJEFF	FUNDAMENTAL ISSUES IN NON-EQUILIBRIUM PHYSICS	69332	\$155,000
			BREEDING ALFALFA CULTIVARS WITH HIGHER RESISTANCE TO ALFALFA SNOUT BEETLE	85095	\$40,238
VILHUBER, LARS VIRKLER, PAUL DOUGLAS	Industrial & Labor Relations Ext Orgs Population Medicine & Diagnostic Science	AEA CCEJEFF	DATA EDITOR FOR THE AMERICAN ECONOMIC ASSOCIATION	85946	\$145,443
			ASSESSING THE EFFECT OF TWO DIFFERENT AUTOMATIC CLUSTER REMOVER SETTINGS ON MILKING UNIT-ON TIME, TOTAL MILK YIELD, AND TEAT CONDITION	85122	\$46,128
WANG, YADONG	Biomedical Engineering	DHHS (NIH)	EXTENDED RELEASE OF BIOACTIVE FACTORS TO TREAT REFRACTORY WOUNDS	84286	\$1,120,672
WATUGALA, SUMUDU W	CALS AEM	TREASURY	TRADING BEHAVIOR AND SHOCK PROPAGATION IN FINANCIAL MARKETS	78796	\$49,034
WEBER-SHIRK, MONROE	Civil & Environmental Engineering	EPA	ENVIRONMENT & COMMUNITY FRIENDLY WASTEWATER TREATMENT	82649	\$15,000
WHITLOCK, JANIS L	Bronfenbrenner Ctr for Translational Rsch	HEALTH RESEARCH	TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR RISK REDUCTION FOR SEXUAL VIOLENCE AMONG MIDDLE SCHOOL BOYS: TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR FUTURE SEXUAL VIOLENCE PERPETRATION	80058	\$398,242
WHITLOCK, JANIS L	Bronfenbrenner Ctr for Translational Rsch	HEALTH RESEARCH	TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR RISK REDUCTION FOR SEXUAL VIOLENCE AMONG MIDDLE SCHOOL BOYS: TESTING THE EFFICACY OF A STRENGTHS-BASED CURRICULUM FOR FUTURE SEXUAL VIOLENCE PERPETRATION	80058	\$77,500

WHITTAKER, GARY	Microbiology and Immunology	WINN FDN	GENERATING AN ATTENUATED FELINE INFECTIOUS PERITONITIS (FIP) VACCINE BY INACTIVATING ENDOU	85808	\$35,000
WOLFNER, MARIANA F	Molecular Biology and Genetics	SYRACUSE U	THE MOLECULAR FATE LIFE HISTORY OF MALE GAMETES	80824	\$116,107
WOLFNER, MARIANA F	Molecular Biology and Genetics	SYRACUSE U	SPERM MOTILITY AND MOLECULAR INTERACTIONS IN THE REPRODUCTIVE TRACT	80662	\$79,059
YU, HAIYUAN	Weill Institute	DHHS (NIH-NIH NIGMS)	QUANTIFYING MOLECULAR CONSEQUENCES OF HUMAN MISSENSE VARIANTS WITH LARGE-SCALE INTERACTOME PERTURBATION STUDIES	82513	\$2,267,526
ZAMUDIO, KELLY R	Ecology and Evolutionary Biology	HUGHES MED INST	ACTIVE LEARNING IN AND OUT OF THE CLASSROOM: PROMOTING UNDERGRADUATE DIVERSITY IN BIOLOGY	85780	\$20,000