

**Cornell University, Office of Sponsored Programs**  
**Awards Received in November 2017**

<b>Principal Investigator</b>	<b>Department</b>	<b>Sponsor</b>	<b>Project Title</b>	<b>OSP#</b>	<b>Amount</b>
BARBANO, DAVID M	CALS Food Science	USDA (AMS)	MILK TESTING METHODOLOGY IMPROVEMENT AND STANDARDIZATION	15366	\$285,269
BARRETT, CHRISTOPHER	CALS AEM	IFPRI	IFPRI/PIM LINKAGE FUNDING	79382	\$49,800
BERGSTROM, GARY C	CALS School of Integrative Plant Science	NYS (AGMRKT)	ASSISTANCE WITH DEREGULATION AND ENHANCED REGULATORY ACTIVITIES OF GN IN NEW YORK	83575	\$65,000
BERGSTROM, GARY C	CALS School of Integrative Plant Science	MICHIGAN ST U	IDENTIFICATION OF ADAPTIVE FUNGAL PATHOGEN RESISTANCE LOCI IN SWITCHGRASS	82696	\$169,831
BERRY, DANIEL CARL	Nutritional Sciences	DHHS (NIH)	REGULATORS OF THE ADIPOSE TISSUE NICHE CONTROL ADIPOSITY AND METABOLISM	84886	\$458,861
BHASKARAN, RAJESH	Mechanical & Aerospace Engineering	ANSYS	2018 RELAUNCH OF MASSIVE OPEN ONLINE COURSE IN SIMULATIONS USING ANSYS 18.2	84909	\$20,000
BLUME, LAWRENCE E	Economics	U OF PENN	EVOLUTION OF CULTURAL NORMS AND DYNAMICS OF SOCIO-POLITICAL CHANGE	66255	\$98,626
BRITO, ILANA L	Biomedical Engineering	PACKARD FDN	INVESTIGATING THE MECHANISTIC UNDERPINNINGS OF GENE EXCHANGE IN NATURAL MICROBIAL COMMUNITIES	83075	\$875,000
BROWN, DAN L	CALS Animal Science	U OF FLORIDA	DIVERSION OF MYCOTOXINS FROM THE HAITIAN FOOD CHAIN AT SEVERAL CRITICAL POINTS	70948	\$1
BRUYERE, SUSANNE M	Industrial & Labor Relations Ext Orgs	U OF TEXAS SYS (UTMB)	CENTER FOR LARGE DATA RESEARCH AND DATA SHARING IN REHABILITATION	84403	\$39,974
COFFMAN, W. RONNIE	CALS International Programs	GATES FDN	THE NEXT GENERATION: CASSAVA BREEDING (PHASE II)	84941	\$34,999,458
COHEN, ITAI	Lab. of Atomic & Solid State Physics	DOD (ARMY-ABERDEEN)	COMPLEX DYNAMICS AND SYSTEMS: EMERGENT MATTER FROM ASSEMBLY OF MICRON-SCALE ATOMIC ORIGAMI ROBOTS	84122	\$1,208,487
DE JONG, WALTER	CALS School of Integrative Plant Science	U OF MAINE	POTATO BREEDING AND VARIETY DEVELOPMENT FOR IMPROVED QUALITY AND PEST RESISTANCE IN THE EASTERN UNITED STATES	82086	\$77,406
FAHMY, ZIAD A.	Near Eastern Studies	SYRACUSE U	INCLUSION & EXCLUSION IN THE MODERN MIDDLE EAST	85151	\$1,000
FESSENDEN, MARY	Performing and Media Arts	NYS (NYSICA)	CORNELL CINEMA SCREENING SUPPORT	83012	\$20,000
FISKESJO, MAGNUS	South East Asia Program	HUMANITIES	NOBEL NOK DAH FILM DISCUSSION GUIDE: CENTERING WOMEN'S STORIES IN EXPERIENCES OF REFUGEE RESETTLEMENT	84756	\$4,914
FREY, MARGARET W	Fiber Science and Apparel Design	COTTON INC.	DEVELOPMENT OF THERMO-RESPONSIVE COTTON FABRICS AND DIRECT CHARACTERIZATION OF MODIFIED COTTON FABRICS VIA SOLID-STATE NUCLEAR MAGNETIC RESONANCE (SSNMR)	84070	\$34,500
FUCHS, MARC	CALS School of Integrative Plant Science	APGA	NPDN WORK PLAN FOR PUBLIC GARDEN SURVEYS PROJECT (SPN)	84771	\$21,057
FUCHS, MARC	CALS School of Integrative Plant Science	APGA	NPDN WORK PLAN FOR SENTINEL PLANT NETWORK FY17 (PHASE VII)	84812	\$79,000
FUCHS, MARC	CALS School of Integrative Plant Science	NYS (AGMRKT)	REINSTATING AN APPLE CERTIFICATION PROGRAM IN NEW YORK: VIRUS TESTING (NYS DAM PO# 5952)	85338	\$17,730
GAO, HUAIZHU	Engineering Research Centers	US DOT	CENTER FOR TRANSPORTATION, ENVIRON, AND COMMUNITY HEALTH (CTECH)	79841	\$1,416,900
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	FEI	IFEI EM-PAD (PHASE I & 2 & 4)	79321	\$1,028,409
GRUNER, SOL M	Lab. of Atomic & Solid State Physics	SYDOR	HARD X-RAY FAST-FRAMING HYBRID KECK PIXEL ARRAY DETECTOR: SBIR	81721	\$249,593
HAMMER, DAVID A	Electrical & Computer Engineering	DOE (NNSA)	MULTI-UNIVERSITY CENTER OF EXCELLENCE FOR PULSED POWER-DRIVEN HIGH ENERGY DENSITY SCIENCE	83228	\$15,000,000

HANSON, MAUREEN R	CALS Molecular Biology & Genetics	WCM	IMMUNE CELL GENE EXPRESSION AND PREDICTIVE MODELS IN CFS	68875	\$233,905
IVANEK MIOJEVIC, RENATA	Population Medicine & Diagnostic Science	CPS	FSMA AGRICULTURAL-WATER DIE-OFF COMPLIANCE PROVISIONS BENEFIT FROM CONDITION-SPECIFIC MODIFIERS	82245	\$399,204
KARIM, SABRINA M	Government	FBA	UNDERSTANDING THE PROTECTION AND PREVENTION PILLARS OF UNSCR 1325: DATA COLLECTION ON SEXUAL VIOLENCE IN LIBERIA	83999	\$23,585
KINZLER, KATHERINE DIANE	Psychology	U OF CHICAGO	CHICAGO CENTER FOR WISDOM	84836	\$73,720
KLINCK, HOLGER	CALS Lab of O - Programs	HDR	ACOUSTIC SURVEY FOR ODONTOCETES ACROSS THE VIRGINIA CONTINENTAL SHELF-(PASSIVE ACOUSTIC MONITORING FOR MARINE PROTECTED SPECIES:AFTT TASK #4 UNDER TASK ORDER X056 PASSIVE ACOUSTIC DATA ANALYSIS	83679	\$83,981
LANCASTER, KYLE	Chemistry and Chemical Biology	DREYFUS	ELUCIDATING, COMMANDEERING, AND IMPEDING NITROUS OXIDE PRODUCTION DURING BIOLOGICAL AMMONIA OXIDATION	84149	\$120,000
LIEPE, MATTHIAS U	Cornell Lab Accelerator Sciences & Ed	ULTRAMET	FABRICATION & TESTING OF COPPER SRF CAVITIES WITH WELL-ADHERED THICK-FILM NIOBIUM BY LOW TEMPERATURE CVD FOR HIGH GRADIENT APPLICATIONS, PHASE II: SBIR	83203	\$328,000
LOFTUS, JOHN P	Clinical Sciences	HILLS PET	METABOLOMIC INVESTIGATION OF HEPATOCUTANEOUS SYNDROME	84563	\$8,486
MANSFIELD, ANNA K	CALS Food Science	NYS (ESD)	DRIVERS OF CONSUMER SATISFACTION IN BREWERY TASTING ROOMS	80037	\$40,208
MASTER AGREEMENT, OSP	Office of Sponsored Programs	HUAWEI	HUAWEI-MASTER RESEARCH AGREEMENT	84420	\$3,300,000
MCALLISTER, LIAM	Cornell Lab Accelerator Sciences & Ed	SF	MODERN INFLATIONARY COSMOLOGY	84317	\$276,000
MOSELEY, ROGER S	Music	SYRACUSE U	MELLON HUMANITIES CORRIDOR TEACHING EXCHANGE (MMH17): MMH17	85447	\$1,400
MURRAY, TIMOTHY C	Society for the Humanities	SYRACUSE U	TRAV 2	84853	\$4,000
OCHS, MARY A	Mann Library	USDA (NATL AG STATS)	DISSEMINATION AND PRESERVATION OF DIGITAL AGRICULTURAL ECONOMIC DATA, STATISTICS AND MARKET INFORMATION ACROSS SEVERAL STATISTICAL AGENCIES IN USDA	81694	\$295,220
REED, PATRICK M	Civil & Environmental Engineering	STANFORD U	A MULTI-MODEL, MULTI-SCALE RESEARCH PROGRAM IN STRESSORS, RESPONSES, AND COUPLED DYNAMICS AT THE ENERGY-WATER-LAND NEXUS AND FOR CONCENTRATED, INTERDEPENDENT INFRASTRUCTURES	79484	\$699,688
RICHARDS, ANNETTE	Music	SYRACUSE U	MMH18: IMPROVISATION IN THEORY AND PRACTICE: MMH 18	83406	\$3,475
ROBBINS, KELLY R	CALS School of Integrative Plant Science	CIMMYT	THE LEADERSHIP OF MODULE V: BIOINFORMATICS AND DATA MANAGEMENT TOOLS AND SERVICES	84096	\$198,022
RUBIN, DAVID L	Cornell Lab Accelerator Sciences & Ed	CERN	COMMON EXPERIMENTAL TESTING OF A DIFFRACTION RADIATION BEAM SIZE MONITOR (XODR) AT THE CORNELL ELECTRON STORAGE RING	78355	\$20,583
RUDSTAM, LARS G	CALS Natural Resources	UPSTATE FRESH	ASSESSING COMMUNITY STRUCTURE OF LOWER TROPHIC LEVELS IN ONONDAGA LAKE, NEW YORK	83609	\$19,500
RYD, ANDERS	Cornell Lab Accelerator Sciences & Ed	PRINCETON U	U.S. CMS OPERATIONS AT THE LHC	78877	\$558,927
SCHLOM, DARRELL	Materials Science Engineering	U OF CAL (UCLA)	NSF NANOSYSTEMS ENGINEERING RESEARCH CENTER FOR TRANSLATIONAL APPLICATIONS OF NANOSCALE MULTIFERROIC SYSTEMS TANMS	65631	\$140,000
SCHRYVER, THOMAS	Center for Economic Advancement	NSF	I-CORPS: INTELLIGENT MULTI-LAYER NETWORK OPTIMIZATION	84639	\$50,000

SELVA VALERO, DANIEL	Mechanical & Aerospace Engineering	NASA (GODDARD SFC)	GENERALIZING DISTRIBUTED MISSIONS DESIGN USING THE TRADE-SPACE ANALYSIS TOOL FOR CONSTELLATIONS (TAT-C)	82673	\$186,029
SHVETS, GENNADY	Applied & Engineering Physics	U OF TEXAS SYS (UT AUSTIN)	INVESTIGATIONS OF LINEAR AND NONLINEAR PROPAGATION OF ELECTROMAGNETIC WAVES IN TOPOLOGICAL PHOTONIC STRUCTURES	83826	\$100,000
SMART, CHRISTINE D	CALS School of Integrative Plant Science	ZYMTRONIX CATALYTIC SYSTEMS, INC.	A SEED-COATING MIXED ENZYME FORMULA FOR THE CONTROL OF FUNGAL AND BACTERIAL PATHOGENS: SBIR	81485	\$20,000
SNAVELY, KEITH N	Tech Research	GE (GEGR)	EYES IN THE SKY	81007	\$1,053,596
SONDERMANN, HOLGER	Molecular Medicine	DHHS (NIH-NIH NIGMS)	MOLECULAR MECHANISM REGULATING PERIPLASMIC PROTEOLYSIS IN BACTERIAL PATHOGENESIS	83288	\$6,582
STAEHR, A. EDWARD	CALS AEM	NYS (OMH)	NY FARMNET - MENTAL HEALTH OUTREACH (2017-2018)	84132	\$400,000
STARK, CHRISTINA M	Nutritional Sciences	UN (UNICEF)	PROGRAMME COOPERATION AGREEMENT - IMPLEMENTATION OF UNICEF-FUNDED PROGRAMME RELATING TO THE UNICEF STRATEGIC PLAN 2014-2017	80436	\$26,900
SUH, GOOKWON	Electrical & Computer Engineering	DOD (DARPA)	S2HIELD: SYSTEM SECURITY THROUGH HARDWARE-BASED INFORMATION-FLOW ENFORCEMENT AND LANGUAGE-BASED DESIGN ASSURANCE	83752	\$2,872,383
SUNTIVICH, JIN	Materials Science Engineering	SAMSUNG	WEARABLE INTEGRATED OPTICAL SENSORS FOR URBAN POLLUTION MONITORING.	83770	\$100,000
TAIT WOJNO, ELIA D	Baker Institute for Animal Health	DHHS (NIH-NIH NIAID)	ROLE OF THE PROSTAGLANDIN D2 RECEPTOR CRTH2 IN HELMINTH-INDUCED TYPE 2 INFLAMMATION IN THE INTESTINE	82997	\$1,921,087
TESTER, JEFFERSON	Chemical & Biomolecular Engineering	DOE (EERE)	EARTH SOURCE HEAT: A CASCADED SYSTEMS APPROACH TO DDU OF GEOTHERMAL ENERGY ON THE CORNELL CAMPUS	82841	\$720,000
TEUKOLSKY, SAUL A	Center Astrophysics-Planetary Science	CALTECH	SIMULATIONS OF EXTREME SPACETIMES	85247	\$2,143,000
THOMAS, PETER C	Center Astrophysics-Planetary Science	NASA (JPL)	CASSINI SOLSTICE MISSION	62001	\$444,833
TIFFANY, JENNIFER S	NYC - Cooperative Extension	WCM	WEILL CLINICAL AND TRANSLATIONAL SCIENCES CENTER-COMMUNITY AND COLLABORATION (CORE C)	80932	\$584,835
VERMEYLEN, FRANCOISE MARIE	Nutritional Sciences	TARGETCORP	STATISTICAL SERVICES AGREEMENT	82672	\$1,150
WAGNER, BETTINA	Population Medicine & Diagnostic Science	CH BOEHRSOHN (BOEH INGEL)	REACTIVITY OF SERUM SAMPLE FROM ALLERGIC HORSES IN THE US WITH ALLERGENS DERIVED FROM EUROPEAN CULICOIDES MIDGES	75141	\$52,650
WELLS, MARTIN T	Social Statistics	WCM	TRI-INSTITUTIONAL TB RESEARCH UNIT: PERSISTENCE AND LATENCY: BIOMARKERS OF PZA ACTIVITY AND ITS TARGET POPULATIONS	69958	\$74,739
WIEDMANN, MARTIN	CALS Food Science	NYS (ESD)	DAIRY PROMOTION ORDER (FORMERLY MILK QUALITY IMPROVEMENT RESEARCH)	83562	\$1,228,146
WILDEMAN, CHRISTOPHER J	Bronfenbrenner Ctr for Translational Rsch	A. E. CASEY FDN	PRELIMINARY ANALYSIS OF CASEWORKERS IN NCANDS & AFCARS	83717	\$23,000
XING, H GRACE	Electrical & Computer Engineering	DOD (AF-AFOSR)	LIGHT-MASS-ATOM SEMICONDUCTOR MATERIALS AND DEVICES	78693	\$599,987