

**Cornell University, Office of Sponsored Programs**  
**Awards Received in July 2009**

Principal Investigator	Department	Sponsor	Project Title	Amount	GCO	OSP Number
SCHAT, KAREL ADHONDT, ANDRE A COOCH, EVAN HOCHACHKA, WESLEY LOVETTE, IRBY J	ORNITH MICROBIO-S	NSF (NSF BIO) NSF	COMMUNITY DYNAMICS OF AN EMERGENT PATHOGEN: INTRINSIC VERSUS EXTRINSIC MECHANISMS	\$528,254	LAG	51200
ANGERT, ESTHER R. APSEL, ALYSSA MANOHAR, RAJIT	E&CE	NSF (NSF ENG)	THE CYTOARCHITECTURE OF LARGE BACTERIA DISTRIBUTED COMPUTING WITH AN AD-HOC NETWORK	\$159,591	TJC	53954
AREGULLIN, MANUEL	INTAG	DHHS (NIH)	TROPICAL INFECTIOUS DISEASES AND VECTORS	\$258,905	DLW	56516
ASHCROFT, NEIL W	LASSP	NSF (NSF MPS)	SUPERCONDUCTIVITY AND OTHER QUANTUM ORDERINGS IN THE LIGHTER ELEMENTS: ARRA SURROGATE FUEL DROPLETS IN MICROGRAVITY	\$41,500	LLB	57231
AVEDISIAN, C T	MECHAERO	NASA DHHS (NIH-NIH NIAID)	NUCLEOCAPSID ENVELOPMENT HERPES SIMPLEX VIRUS-1	\$379,000	MBF	57903
BAINES, JOEL D BAKER, SHEFFORD P HENNIG, RICHARD G	MICRO & IMMUNO MATSCI	NSF	MICROSTRUCTURE AND MECHANICAL BEHAVIOR OF TANTALUM THIN FILMS	\$110,000	TJC	54629
BARRETT, CHRISTOPHER NELSON, REBECCA PELL, ALICE N PINSTRUP-ANDERSEN, PER POWER, ALISON G	CIIFAD	NSF (NSF EHR) DHHS (NIH-NIH NIDCD)	IGERT: FOOD SYSTEM FOR POVERTY REDUCTION: ARRA FUNDING	\$3,187,165	LLB	57753
BASS, ANDREW H BASS, ANDREW H ROHMANN, KEVIN NEELY	NB&B-E NB&B-E	DHHS (NIH-NIH NIDCD)	ENCODING OF VOCAL SIGNALS IN THE AUDITORY SYSTEM	\$165,770	BMT	60002
BATT, CARL A BATT, CARL A REY, DIEGO	FOODSCI-S FOODSCI-S	NSF (NSF BIO) DHHS (NIH)	FACILITATE ESTROGEN-DEPENDENT AUDITORY PLASTICITY	\$37,656	BMT	56398
BEAN, RACHEL E FLANAGAN, EANNA	CRSR	NASA (NSSC)	EAGER: AN INTERACTIVE EXHIBITION IN NANOTECHNOLOGY	\$251,791	MBF	58770
BEGLEY, TADHG P	CHEM	BURNHAM	TARGETED NEAR-INFRARED PROBES FOR IMAGE-GUIDED CANCER INTERVENTIONS	\$204	MBF	53832
BELL, JAMES F	CRSR	NASA (NSSC)	CONFRONTING THE DETAILS OF COSMOLOGY'S DARK SECTOR	\$128,691	BMT	54138
			GENOMICS OF COENZYME METABOLISM IN BACTERIAL PATHOGENS	\$7,920	RSD	49389
			MINERALOGIC AND MORPHOLOGIC STUDIES OF MARS AND IMPLICATIONS OF OBSERVED WATER-ROCK ALTERATION	\$105,000	BMT	54824

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BELMONTE, MATTHEW	HUMAN DEV	NSF (NSF BIO)	CAREER: INTEGRATIVE BEHAVIORAL AND NEUROPHYSIOLOGICAL STUDIES OF NORMAL AND AUTISTIC COGNITION USING VIDEO GAME ENVIRONMENTS: ARRA FUNDING	\$700,000	BMT	57109
BERGSTROM, GARY C	PLTPATH-S	N.CAR ST U	COMPONENT	\$6,600	KLH	56792
BHAVE, SUNIL A.	E&CE	SRC	RESONANT BODY TRANSISTOR	\$100,000	MCH	58775
BRETH, DEBORAH I	CCE ADMIN CALS OFF	U OF DELAWARE	NEW TECHNOLOGY TO REDUCE THE ECONOMIC/ENVIRONMENTAL RISK OF CODLING MOTH DAMAGE IN APPLES	\$49,972	RT	58159
BRETSCHER, ANTHONY P	CICMB	DHHS (NIH-NIH NIGMS)	MICROFILAMENT ORGANIZATION AND REGULATION	\$493,233	MBF	53887
BROOKS, SAMANTHA	ANSCI	U OF MINNESOTA	FINE LAVENDAR FOAL SYNDROME	\$7,500	CMA	59703
BROWN, NELLIE J	ILR MGMT DEV & HR	MONROE CTY	LEAD SAFE WORK PRACTICES TRAINING	\$40,380	THF	59424
BUCKLES, ELIZABETH L	BIOMED SCI	US INTERIOR (FWS)	HISTOPATHOLOGICAL AND MICROBIOLOGICAL EVALUATION OF CHIROPTERAN WING MEMBRANES FOR FUNGAL INDUCED DAMAGE	\$20,790	TJC	57893
BUCKLEY, DANIEL H	CSS	NSF (NSF BIO)	CAREER: TARGETED ENVIRONMENTAL GENOMICS: STABLE ISOTOPE PROBING OF NON-CULTIVATED DIAZOTROPHS IN SOIL	\$89,140	BMT	47264
BURNS, JOSEPH A	CRSR	NASA (NSSC)	DYNAMICS OF SMALL SOLAR SYSTEM BODIES: RINGS, DUST, ASTEROIDS AND SATELLITES	\$115,695	BMT	54015
BURR, THOMAS J	GENEVA BSNS OFF	NYS (AGMRKT)	2009-2010 CABBAGE RESEARCH & DEVELOPMENT PROGRAM (CRDP)	\$36,440	KLH	59605
CAMP, WILLIAM	EDUC	NYS (AGMRKT)	AGRICULTURAL EDUCATION OUTREACH - FFA	\$135,000	DLW	53678
CAMPBELL, DONALD B	CRSR	NASA (NSSC)	RADAR STUDIES OF THE LUNAR SURFACE	\$101,076	BMT	54929
CAUDILL, MARIE A.	NUTRSCI-AG	NATL CATTLEMENS	OPTIMIZING CHOLINE STATUS DURING PREGNANCY	\$76,494	RSD	58222
CAUGHEY, DAVID A	MECHAERO	NSF	COMBUSTION (CONDENSED TITLE DUE TO SPACE LIMITATION)	\$20,000	TJC	58856
CERIONE, RICHARD A	MOLECULAR MED	DHHS (NIH-NIH NIGMS)	ROLE OF GTP-BINDING/TRANSGLUTAMINASE IN CELL SURVIVAL AND MIGRATION	\$280,158	TJC	53583
CHEN, PENG	CHEM	DHHS (NIH)	SINGLE-MOLECULE STUDY OF DYNAMICS AND MECHANISMS OF BIOMACROMOLECULE INTERACTIONS FOR METAL TRANSPORT AND METAL REGULATION	\$252,206	AJP	56905
CHURCHILL, ALICE C.L.	ENTOM-S	BARD	GENOMIC AND ORGANISMAL STUDIES TO ELUCIDATE THE MECHANISMS OF INFECTIVITY OF ENTOMOPATHOGENIC FUNGI TO TICKS	\$71,000	CMA	54839

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CLARK, CHRISTOPHER W	ORNITH	MAI	BRS-2007 ANALYSIS BRS-2008 PREPARATIONS	\$46,324	KLH	56060
CLARK, CHRISTOPHER W	ORNITH	COMM OF MASS	ATLANTIC RIGHT WHALES IN THE CAPE COD BAY	\$115,152	KLH	57867
CLARK, CHRISTOPHER W	ORNITH	COMMERCE (NOAA)	AUTO DETECTION BUOY, NORTH PACIFIC RIGHT WHALES, NOAA, BERING STRAIT	\$43,681	KLH	59622
CLARK, THEODORE CASSIDY-HANLEY, DONNA M	MICRO & IMMUNO	DHHS (NIH-NIH NCRR)	ASSET: ADVANCING SECONDARY SCIENCE EDUCATION WITH TETRAHYMENA	\$255,208	TJC	55025
COFFMAN, W. RONNIE	INTAG	USAID	AGRICULTURAL BIOTECHNOLOGY SUPPORT PROGRAM II (ABSP II) ASSOCIATE AWARD FOR UGANDA	\$750,000	LLB	47342
COHEN, CLAUDE DUNCAN, THOMAS M ESCOBEDO, FERNANDO E	CHEM-E	NSF	EFFECTS OF ENERGETIC AND ENTROPIC DISPARITIES ON THE PROPERTIES OF ELASTOMERS	\$160,000	DLW	52683
COLLMER, ALAN R LINDBERG, MAGDALEN	PLTPATH-S	NSF (NSF BIO)	GEPR: EXPLOITING TOMATO GENOMICS RESOURCES TO INVESTIGATE BASAL PLANT DEFENSES AGAINST PATHOGENS	\$664,866	RT	50223
CORDES, JAMES M	CRSR	NSF (NSF MPS)	SURVEYS FOR PULSARS AND RADIO TRANSIENTS USING THE ARECIBO L-BAND FEED ARRAY	\$127,624	BMT	55338
CREPET, WILLIAM L	PLNTBIO-S	USDA (ARS)	IMPROVING THE ABIOTIC STRESS TOLERANCE, PHYTOREMEDIATION POTENTIAL AND NUTRITIONAL QUALITY OF PLANTS	\$350,099	CMA	59664
CURTIS, PAUL D	NATRES	SUFFOLK CTY (SUFFOLK CCE)	4-POSTER SLN APPLICATION FOR FIRE AND SHELTER ISLAND, NEW YORK	\$63,212	JDC	55779
DAVIES, PETER J	PLNTBIO-S	NSF (NSF BIO)	INTERNATIONAL SYMPOSIUM ON THE PLANT HORMONE ETHYLENE	\$13,750	LAG	59413
DE JONG, WALTER DEGAETANO, ARTHUR T RIHA, SUSAN J	PLTBRD	USDA (USDA APHIS)	RELEASE, AND ACCEPTANCE OF POTATO CULTIVARS RESISTANT TO THE GOLDEN NEMATODE	\$28,495	JDC	58717
WOLFE, DAVID WALTER DEGLORIA, STEPHEN D	EAS-S CSS	COLUMBIA U NYS (AGMRKT)	INTEGRATED ASSESSMENT FOR EFFECTIVE CLIMATE CHANGE ADAPTATION STRATEGIES IN WATER RESOURCES AND AGRICULTURE	\$304,566	LAG	56331
DELISA, MATTHEW	CHEM-E	NSF	MASTER LIST OF SOILS	\$5,000	JDC	56462
DENKERS, ERIC	MICRO & IMMUNO	DHHS (NIH)	COMPLEX PROTEIN MACHINERY IN LIVING CELLS	\$80,000	DLW	47241
			TOXOPLASMA GONDII-INDUCED INFLAMMATORY ILEITIS	\$231,000	TJC	57688

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DIAMESSIS, PETER JOHN	CEE	NSF	CAREER: SHOALING OF NON-LINEAR INTERNAL WAVES OVER GENTLE SLOPES: WAVE-SCALE INTERACTIONS AND DISSIPATIVE PROCESSES	\$646,700	RT	57107
DIECKMANN, RUDIGER	MATSCI	IOWA STATE U	INTERNATIONAL COLLABORATIVE EDUCATIONAL AND RESEARCH PROGRAM IN THE STUDY OF MIXED GLASS FORMER PHENOMENA IN MATERIALS	\$105,000	JDC	52759
DOMSKE, HELEN M.	SEA GRANT EXT	GLOS	GLOS CONFERENCE	\$2,000	KLH	59839
DOYLE, JEFFREY J	PLNTBIO-S	NSF (NSF BIO)	PHOTOSYNTHESIS: A WHOLE TRANSCRIPTOME APPROACH	\$220,078	LAG	59262
DUXBURY, JOHN M	CSS	USDA (FAS)	A FOOD FOR PROGRESS PROGRAM FOR BANGLADESH	\$5,553,970	JDC	57230
LAUREN, JULIE G			STUDY OF BALISTIC ACCELERATION NEGATIVE-DIFFERENTIAL-CONDUCTIVITY (BEAN) DEVICE FOR IMPROVED POWER GENERATION AT THZ	\$22,634	DLW	57812
EASTMAN, LESTER F	E&CE	DOD (NAVY-ONR)	HIGH VOLTAGE AIGAN/GAN FIELD EFFECT TRANSISTORS	\$22,900	MCH	50792
EASTMAN, LESTER F	E&CE	VELOX	SIMULATION OF BICONTINUOUS PHASE FORMATION IN ADDITIVE-FILLED AND SHAPE-ASYMMETRIC DIBLOCK COPOLYMERS	\$66,974	DLW	54864
ESCOBEDO, FERNANDO E	CHEM-E	NSF (NSF ENG)	A CORPUS LINGUISTICS APROACH FOR ASSESSING STUDENT AND WORKPLACE WRITING IN CIVIL ENGINEERING	\$41,370	DLW	56664
EVANS, RICHARD A	ENGR DEAN	PORTLAND STATE	LONG-TERM ECOLOGICAL RESEARCH (LTER) AT THE HUBBARD BROOK EXPERIMENTAL FOREST (HRB-LTER)	\$44,800	MBF	46222
FAHEY, TIMOTHY J	NATRES	NSF	NONLINEAR DYNAMICS AND BIFURCATIONS IN CARDIAC TISSUE	\$3,000	TJC	55009
FENTON, FLAVIO H	BIOMED SCI	NSF (NSF ENG)	GENERAL PROGRAM SUPPORT	\$25,000	LAG	58930
CHERRY, ELIZABETH M	CINEMA	NYS (NYSCA)	MULTIDISCIPLINARY TRAINING IN DEVELOPMENT AND LEARNING	\$174,920	LAG	56729
FESSENDEN, MARY			SYSTEM FOR MODELING AND PREDICTING NEURODEVELOPMENT ACROSS MAMMALIAN SPECIES	\$162,102	LAG	57214
FINLAY, BARBARA L	PSYCH	DHHS (NIH)	BIOMECHANICAL CUES AND THEIR ROLE IN BONE METASTASIS	\$50,000	DLW	55478
FINLAY, BARBARA L	PSYCH	NSF (NSF BIO)	SUPPORT	\$40,000	JDC	53782
FISCHBACH, CLAUDIA	BIO ENG	HSS				
FISHER, WILLIAM L.	NATRES	NYS (NYS DEC)				

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FITZPATRICK, JOHN	ORNITH	USFW	THE MIGRATORY CONNECTIVITY OF HUDSONIAN GODWITS, LIMOSA HAEMASTICA	\$12,033	LAG	57882
FOX, THOMAS D	MOLECULAR BIO-S	DHHS (NIH)	TRANSLATIONAL CONTROL OF YEAST MITOCHONDRIAL GENES	\$366,319	RT	50198
FUCHS, MARC	PLTPATH-G	NYS (AGMRKT)	PLUM POX VIRUS SAMPLE ANALYSIS	\$491,509	KLH	59406
GAETA, ALEXANDER L			PARAMETRIC ULTRA-HIGH BANDWIDTH SILICON-			
LIPSON, MICHAL	XU, CHRIS	AEP	DOD (ARMY-ARO)	\$587,553	DLW	54696
GALTON, DAVID M	ANSCI	NYS (AGMRKT)	PRO-DAIRY	\$822,500	CMA	54265
GOGGIN, STEPHEN E	HUMAN DEV	U OF KENTUCKY	CYFERNET PARENT/FAMILY EDITORIAL BOARD	\$27,000	BMT	59870
GOLDEN, THOMAS P	ILR EDI	WISC DHFS	WISCONSIN EMPLOYMENT NETWORK PORTAL PROJECT	\$50,000	THF	59432
GOLDSTEIN, MICHAEL H	PSYCH	DHHS (NIH-NIH NICHD)	SOCIAL AND STATISTICAL MECHANISMS OF PRELINGUISTIC VOCAL LEARNING	\$79,500	LAG	57699
GONZALES, ANGELA A		RUR SOC SOCIETY	UNDERSTANDING THE SOCIAL DIMENSIONS OF WATERSHED CONFLICT IN INDIAN COUNTRY: A CASE STUDY OF THE STATE OF NEW MEXICO			
STANSBURY, MELANIE A	DEVSOC		VS. AAMODT WATER RIGHTS CONFLICT	\$5,000	LAG	59971
GRIGORIU, MIRCEA D	CEE	CUREE	NEESR-GC: SIMULATION OF THE SEISMIC PERFORMANCE AND FIRE EFFECTIVENESS OF NONSTRUCTURAL SYSTEMS	\$74,772	RT	53602
GRIGORIU, MIRCEA D	CEE	NSF	LIFE-CYCLE DAMAGE AND DOWNTIME COST ESTIMATES FOR STRUCTURAL SYSTEMS SUBJECTED TO SEISMIC LOADS	\$270,000	RT	58708
GRILLS, GEORGE S						
CLARK, ANDREW G						
SCHWEITZER, PETER						
SUN, QI	BIOTECH-E	DHHS (NIH)	ILLUMINA GENOME ANALYZER II	\$495,000	RT	56323
GROHN, YRJO T	POPULATION MED	N.CAR ST U	NETWORK	\$6,100	RSD	46773
GROHN, YRJO T		DHHS (NIH-NIH NIAID)	CONTROLLING C. DIFFICILE IN HEALTH-CARE SETTINGS			
LANZAS, CRISTINA	POPULATION MED			\$190,176	RSD	59539
GRUNER, SOL M						
BILDERBACK, DONALD H						
FONTES, ERNEST	CHESS	NSF	OPERATIONS OF CORNELL HIGH ENERGY SYNCHROTRON SOURCE (CHESS)	\$407,880	JDC	42362
GUIMBRETIERE, FRANCOIS V			INTERACTION TECHNIQUES FOR LOW POWER BI-STABLE DISPLAYS INFORMATION			
MANOHAR, RAJIT	CIS	NSF	APPLIANCES	\$499,519	MBF	58154

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HALPERN, JOSEPH	COMP SCI	NSF	DECISION THEORY WITH RESOURCE-BOUNDED AGENTS	\$280,231	MBF	55532
HAMES, RALPH S.	ORNITH	WILDLIFE	BIOGEOGRAPHY OF MERCURY CONTAMINATION IN NEW YORK - RISK TO SPECIES OF GREATEST CONSERVATION NEED	\$21,225	LAG	54356
HAMILTON, STEPHEN F GREENWOOD, DAVYDD J HAMILTON, MARY A	FLDC	JACOBS	TRANSITION TO ADULTHOOD IN LATIN AMERICA: ACTION RESEARCH TO REDUCE STRUCTURAL LAG	\$400,000	LAG	58422
HANSON, MAUREEN R	MOLECULAR BIO-S	NSF	MOLECULAR MECHANISM OF CHLOROPLAST RNA EDITING	\$149,715	RT	53129
HARRISON, RICHARD G NYDAM, MARIE LOUISE	EEB-S	NSF (NSF BIO)	PROTEIN EVOLUTION IN THE ASCIDIAN CIONA INTESTINALIS	\$15,000	MBF	57876
HARRIS-WARRICK, RONALD M	NB&B-S	DHHS (NIH-NIH NINDS)	THE RODENT CENTRAL PATTERN GENERATOR FOR LOCOMOTION	\$331,005	BMT	56251
HARRIS-WARRICK, RONALD M BOOKER, RONALD	NB&B-S	DHHS (NIH-NIH NIGMS)	CELLULAR AND MOLECULAR MECHANISMS OF BEHAVIOR	\$245,952	BMT	52214
HARWIT, MARTIN O	CRSR	JPL	MISSION	\$23,000	SLJ	57378
HELFENSTEIN, PAUL	CRSR	NASA (NSSC)	ENCELADUS	\$57,413	BMT	54089
HEMAMI, SHEILA S	E&CE	NSF (NSF CISE)	VISUAL INFORMATION METRICS FOR TASK-BASED IMAGING APPLICATIONS	\$268,261	DLW	56290
HOFFMANN, ROALD	CHEM	NSF	CHEMICAL BONDING ACROSS THE PERIODIC TABLE: ARRA FUNDING	\$616,000	AJP	59830
HUA, JIAN	PLNTBIO-S	NSF (NSF BIO)	MOLECULAR MECHANISMS UNDERLYING TEMPERATURE MODULATION OF DEFENSE RESPONSES: ARRA FUNDING	\$650,000	LAG	58308
HUDLER, GEORGE W	PLTPATH-S	NYS (AGMRKT)	PLANT PEST DIAGNOSIS AND IDENTIFICATION	\$20,000	KLH	55362
HYSELL, DAVID L	EAS-E	NSF	COLLABORATIVE RESEARCH: COMMON VOLUME RADAR OBSERVATIONS OF IRREGULAR SPORADIC E LAYERS	\$63,552	LAG	49392
HYSELL, DAVID L	EAS-E	DOD (AF-AFOSR)	NUMERICAL SIMULATION AND FORECAST OF EQUATORIAL SPREAD F UNDER REALISTIC POSTSUNSET CONDITIONS	\$80,913	LAG	57374
INGRAFFEA, ANTHONY R HOCHHALTER, JACOB DEAN	CEE	NASA	NASA GSRP TRAINING GRANT -- HOCHHALTER: IMPROVING PHYSICS-BASED FRACTURE SIMULATION AT THE NANO- AND MICRO-SCALE BY INCORPORATING STATE-OF-THE-ART TEST/SIMULATION TECHNOLOGY	\$30,000	RT	55817

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JOHNSTON, ROBERT E	PSYCH	DHHS (NIH-NIH NIMH)	NEURAL MECHANISMS OF SOCIAL RECOGNITION AND MEMORY	\$343,456	LAG	42801
KAN, EDWIN	E&CE	NSF (NSF CISE)	NON-SELF-JAMMING PASSIVE TELEMETRY WITH SENSOR INTEGRATION	\$259,999	DLW	58595
KEICH, URI	COMP SCI	NSF	CAREER: IMPROVING THE PERFORMANCE OF MOTIF FINDING TOOLS THROUGH NOVEL RELIABLE SIGNIFICANCE ESTIMATION AND A STUDY OF DNA REPLICATION ORIGINS	\$127,070	MBF	51961
KLIMASZEWSKI, CATHY	MUSEUM	NEA	PROTECTING COMMUNITY OUTREACH AT THE HERBERT F. JOHNSON MUSEUM	\$50,000	RT	58855
KRASNY, MARIANNE E DAVIS-MANIGALTE, JACQUELINE A	NATRES	TEAGLE DHHS (NIH-NIH NIDDK)	COLLEGE ACHIEVEMENT THROUGH URBAN SCIENCE EXPLORATION (CAUSE)	\$40,000	JDC	59781
KRAUS, W. LEE	MOLECULAR BIO-S	DHHS (NIH)	REGULATED TRANSCRIPTION - ARRA SUPPLEMENT	\$8,747	RT	59943
KRAUS, W. LEE KRESOVICH, STEPHEN	MOLECULAR BIO-S BIOTECH-S	DHHS (NIH) USDA (ARS)	COREGULATORS WITH CHROMATIN - ARRA SUPPLEMENT	\$8,747	RT	60017
LAZZARO, BRIAN	ENTOM-S	DHHS (NIH)	ASSOCIATION MAPPING IN CROP PLANTS EVOLUTIONARY GENOMICS OF ANTI-MALARIA GENES IN MOSQUITO	\$358,201	CMA	50213
LAZZARO, BRIAN LIN, HENING EALICK, STEVEN E	ENTOM-S CHEM	DHHS (NIH) DHHS (NIH)	GENETIC NETWORK LINKING IMMUNITY TO ENERGETIC STRESS, METABOLISM AND REPRODUCTION: ARRA FUNDING	\$370,158	CMA	57752
LINDAU, MANFRED	AEP	DHHS (NIH)	DIPHTHAMIDE BIOSYNTHESIS	\$299,619	AJP	57616
LINDAU, MANFRED LINSTER, CHRISTIANE SMITH, DAVID M	AEP NB&B-E	DHHS (NIH) DHHS (NIH-NIH NIDCD)	MECHANISM FOR FUSION AND TRANSMITTER RELEASE IN NEUROSECRETION	\$318,000	DLW	55277
LIPSON, MICHAL LIPSON, MICHAL	E&CE E&CE	NSF GEORGIA TECH	RELEASE IN NEUROSECRETION: ARRA SUPPLEMENT	\$317,882	DLW	60020
			CHOLINERGIC AND NORADRENERGIC INPUTS TO EARLY OLFACTORY PROCESSING	\$159,000	BMT	58539
			CAREER: OVERCOMING THE LIMITATIONS OF MICROELECTRONICS USING SI NANOPHOTONICS: SOLVING THE COUPLING, MODULATION AND SWITCHING CHALLENGES	\$84,959	DLW	47222
			INTEGRATION OF OPTICAL INTERCONNECT	\$31,539	MCH	44599

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LLOYD, JAMES P MUIRHEAD, PHILIP STEVEN	CRSR	NASA (NSSC)	SEARCHING FOR TERRESTRIAL EXOPLANETS WITH THE TRIPLESPEC EXTERNALLY DISPERSED INTERFEROMETER	\$30,000	BMT	53282
LOHMAN, ROWENA LOHMAN, ROWENA BARNHART, WILLIAM D	EAS-E EAS-E	NSF (NSF GEO) NASA	DEFORMATION WITHIN THE SALTON TROUGH AS IMAGED WITH INSAR TIME SERIES ANALYSIS: ARRA FUNDING INSAR TIMES SERIES INVESTIGATION OF THE SEISMIC CYCLE IN IRAN	\$255,150 \$30,000	LAG LAG	58016 58487
LOREDO, THOMAS	ASTRON	NASA	QUANTIFIED UNCERTAINTY: FLEXIBLE PROBABILISTIC MODELING OF DYNAMIC SPECTRA AND OTHER ASTRONOMICAL DATA	\$224,731	BMT	57322
LUO, DAN	BEE	NSF (NSF BIO)	INTEGRATING DNA INTO BIOMATERIAL RESEARCH AND EDUCATION	\$84,181	MCH	49561
LUO, DAN	BEE	WEILL	NANOMOLECULAR TGF-BETA /IL-2 DNA HYDROGELS FOR THE CURE OF TYPE 1 DIABETES: SEED FUNDING FROM CLINICAL AND TRANSLATIONAL SCIENCE CENTER	\$12,500	MCH	59421
MADSEN, EUGENE L	MICROBIO-S	NSF	EXPLORING A NOVEL NITROGEN BIOGEOCHEMICAL CYCLE AND ITS DYNAMICS IN A CONTAMINATED AQUIFER	\$587,133	TJC	57166
MARTINEZ, JOSE MCALLISTER, LIAM	E&CE LEPP	INTEL SLOAN	ARCHITECTURES: A MACHINE LEARNING APPROACH UNKNOWN	\$80,991 \$50,000	MCH DLW	58961 59951
MCGRATH, MARGARET T	PLTPATH-S	USDA (USDA, ARS, NAA)	CHARACTERIZATION OF AN HEIRLOOM CORE COLLECTION OF SOLANUM LYCOPERSICUM	\$4,000	KLH	59768
MCGRATH, MARGARET T	PLTPATH-S	RUTGERS	THE ADVANCED STAGE OF DEVELOPMENT FOR FOLIAR DISEASES IN ORGANICALLY-PRODUCED TOMATO	\$26,700	RT	55323
MILLER, AMANDA L.	LINGUISTICS	NSF	COLLABORATIVE RESEARCH: PHONETIC AND PHONOLOGICAL STRUCTURES FO POST-VELAR CONSTRUCTIONS IN CLICKS AND LATERALS	\$37,449	MBF	54511
MOLINARI, FRANCESCA	ECON	NSF (NSF SBE)	COLLABORATIVE RESEARCH: IDENTIFICATION IN INCOMPLETE ECONOMETRIC MODELS USING RANDOM SET THEORY: ARRA FUNDING	\$229,081	MCH	59840
NICHOLSON, LINDA K	MOLECULAR BIO-E	DHHS (NIH)	REGULATION OF APP PROCESSING AND ABETA PRODUCTION	\$457,424	RT	50925
OSWALD, ROBERT E	MOLECULAR MED	DHHS (NIH-NIH NIGMS)	TRAINING IN MOLECULAR PHYSICS OF BIOLOGICAL SYSTEMS	\$476,231	TJC	49138

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OSWALD, ROBERT E POON, KINNING	MOLECULAR MED	DHHS (NIH-NIH NINDS)	FUNCTIONAL CHARACTERIZATION OF AN AMPA RECEPTORS: GLUR3	\$37,656	TJC	55508
OTANI, NIELS F PAGE, RODNEY L	BIOMED SCI CLINSCI	DHHS (NIH-NIH NHLBI)	REFRACTORINESS AND THE INDUCTION OF REENTRY	\$389,947	TJC	52445
PARKS, JOHN E	ANSCI	ROSWELL PARK NYS (NYS PARKS & REC)	CCSG DEVELOPMENT: CORNELL PROJECT	\$5,000	THF	57568
PASS, RAFAEL N.	COMP SCI	NSF	CORNELL RAPTOR PROGRAM COMPUTATION AND COLLABORATION IN THE ERA OF THE INTERNET	\$10,000	CMA	57524
PECK, DANIEL C PEEVA, IRENA V	ENTOM-G MATH	NYSTA NSF	DIAGNOSIS TURF: EXPANDING NEW YORK'S OPPORTUNITIES TO RESOLVE PEST ISSUES AND REDUCE PESTICIDE USE	\$105,000	KLH	57704
PELL, ALICE N	CIIFAD	CATHOLIC RELIEF	FREE RESOLUTIONS: ARRA FUNDS	\$107,500	TJC	57614
PELLETIER, DAVID L	NUTRSCI-HE	MCKING	DEVELOPMENT OF TRAINING MODULES FOR GLCI FACILITATORS AND FARMER GROUPS	\$25,000	LLB	58954
PERRY, KEITH L.	PLTPATH-S	USDA (BELTSVILLE- USDA-ARS- BELTSVILLE)	DEVELOPMENT AND TESTING OF THE PROGRAM ASSESSMENT GUIDE AND TOOLS	\$49,999	RSD	58766
PETERS, H. E	BLCC	DHHS (NIH-NIH NICHD)	PRODUCTION OF FOUNDATION QUALITY SEED OF NEW USDA/ARS POTATO VARIETIES	\$2,400	KLH	57032
PETZOLDT, CURTIS H GRANT, JENNIFER	IPM-CCE	CSREES-USDA	CORNELL POPULATION PROGRAM NEW YORK STATE (CORNELL) INTEGRATED PEST MANAGEMENT PROGRAM: SMITH-LEVER ACT, SECTION 3(D)	\$231,000	BMT	54900
PFEFFER, MAX J	DEVSOC	PATHSTONE	RELEVANT TO PUERTO RICAN MIGRANT FARMWORKERS EMPLOYED IN THE NORTHEASTERN US	\$10,000	LAG	59502
POLLAK, EMIL JOHN	ANSCI	USDA (ARS)	SELECTION IN THE US DAIRY AND BEEF CATTLE INDUSTRIES	\$32,500	CMA	55966
POWER, ALISON G	EEB-E	NSF (NSF BIO)	COLLABORATIVE RESEARCH: PREDICTING THE EFFECTS OF ENVIRONMENTAL CHANGE AND HOST DIVERSITY ON THE DYNAMICS OF INSECT-VECTORED GENERALIST PATHOGENS	\$74,625	MBF	48602
PRITCHARD, MATTHEW	EAS-E	NASA (WASHINGTON HQ)	SNOW MELT, ICE DYNAMICS, AND MASS BALANCE FOR THE PATAGONIAN ICEFIELDS	\$225,000	LAG	51924

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PRITCHARD, MATTHEW	EAS-E	NASA (NSSC)	THE LIFE CYCLE OF ANDEAN VOLCANOES: COMBINING SPACE-BASED AND FIELD STUDIES WITH EDUCATION	\$977,833	LAG	54807
PRITCHARD, MATTHEW	EAS-E	NSF (NSF GEO)	THE RELATIONSHIP BETWEEN PLUTON GROWTH AND VOLCANISM AT TWO ACTIVE INTRUSIONS IN THE CENTRAL ANDES: ARRA FUNDING	\$631,579	LAG	57900
PRITTS, MARVIN P	HORTICULTURE	USDA (CSREES)	USING WEBCAST TRAINING TO ADVANCE INTERDISCIPLINARY APPROACHES TO SMALL FRUIT PEST MANAGEMENT	\$42,660	CMA	57920
PSIAKI, MARK L KINTNER, PAUL M	MECHAERO	NSF (NSF GEO)	SCINTILLATION-SCALE IONOSPHERIC IMAGING USING GPS AND OTHER RF DATA IN INVERSE DIFFRACTION ALGORITHMS	\$71,300	TJC	53288
QIAN, SHU-BING	NUTRSCI-HE	ELLISON MED FDN	THE ROLE OF STRESS SIGNALING IN MTOR REGULATION AND AGING	\$100,000	BMT	58606
RASMUSSEN, KATHLEEN M	NUTRSCI-HE	DHHS (FDA)	ANALYZE AND REPORT ON INFANT FEEDING PRACTICES STUDY II DATA ON INFANT FEEDING AND MATERNAL WEIGHT	\$5,000	RSD	59642
RASSNICK, KENNETH M MALONE, ERIN	CLINSCI	NESTLE (NESTLE PURINA P)	CIRCULATING 25-HYDROXYVITAMIN D LEVEL AND MAST CELL TUMORS IN LABRADOR RETRIEVERS	\$14,250	TJC	59184
REVELS, IRA	DIGITAL LIBR & INFO TECH	MELLON	AND BUILDING SUSTAINABILITY III: A SUSTAINABLE FRAMEWORK FOR THE HBCU LIBRARY ALLIANCE	\$375,000	MBF	58686
ROBERSON, MARK S	BIOMED SCI	DHHS (NIH-NIH NICHD)	REPRODUCTIVE SCIENCES AND GENOMICS TRAINING PROGRAM	\$229,200	TJC	49137
ROBERSON, MARK S	BIOMED SCI	DHHS (NIH-NIH NICHD)	MOLECULAR ANALYSIS OF GNRH ACTION GENERAL PROGRAM SUPPORT FOR THE HERBERT F. JOHNSON MUSEUM OF ART	\$7,700	TJC	59926
ROBINSON, FRANKLIN W	MUSEUM	NYS (NYS CA) NATURE CONSERVANCY	SUMMARY OF 2004-2009 IVORY BILLED WOODPECKER SEARCHES AND CONSERVATION ACTIVITY IN ARKANSAS	\$25,000	RT	59145
ROHRBAUGH, RONALD W	ORNITH	(LITTLE ROC)	IMPROVING THE AMBIOTIC STRESS TOLERANCE, PHYTOMEDIATION POTENTIAL, AND NUTRITIONAL QUALITY OF PLANTS	\$10,000	KLH	59540
ROSE, JOCELYN	PLNTBIO-S	USDA (ARS)		\$135,261	CMA	47049

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RUDSTAM, LARS G	NATRES	ECOLOGIC LLC	LOWER TROPHIC LEVELS AND OPEN WATER FISH ABUNDANCE IN ONONDAGA LAKE, NEW YORK	\$46,409	JDC	59238
RUSMEVICHIENTONG, PAAT	ORIE	NSF (NSF ENG)	OPTIMIZATION WITH LARGE STRUCTURED STRATEGY SETS AND HIGH-VOLUME DATA STREAMS	\$77,665	LAG	54447
RUSMEVICHIENTONG, PAAT	ORIE	NSF (NSF ENG)	COLLABORATIVE RESEARCH: ADAPTIVE ALLOCATION RULES IN HIGH-DIMENSIONAL SETTINGS, WITH APPLICATIONS	\$150,000	LAG	57519
RUSSELL, DAVID G	MICRO & IMMUNO	DHHS (NIH-NIH NIAID)	ENVIRONMENTAL CUES AND RESPONSES IN TUBERCULOSIS	\$36,674	TJC	48287
RUSSELL, DAVID G	MICRO & IMMUNO	DHHS (NIH-NIH NHLBI)	THE ROLE OF THE GRANULOMA IN M. TUBERCULOSIS INFECTIONS	\$397,928	TJC	49819
SASSLER, SHARON	BLCC	OHIO ST U	MOTHERS: CONSEQUENCES FOR TWO GENERATIONS	\$130,078	BMT	50872
SCHAFFER, CHRIS	BIO ENG	AMER HEART ELLISON MED	ALL-OPTICAL ANIMAL MODELS OF SMALL-SCALE STROKE	\$66,000	DLW	50704
SCHAFFER, CHRIS	BIO ENG	FDN	ROLE OF MICROVASCULAR LESIONS IN ALZHEIMER'S DISEASE	\$50,000	DLW	51178
SCHAFFER, CHRIS	BIO ENG	NSF (NSF ENG)	CAREER: OPTICS IN BIOLOGICAL RESEARCH, EDUCATION, AND OUTREACH: ARRA FUNDED	\$400,000	DLW	57087
SCHAFFER, CHRIS	BIO ENG	ALZQUILTS	AMYLOID-BETA PLAQUES IN ALZHEIMER'S BRAIN	\$10,000	DLW	58051
SCHAFFER, CHRIS NISHIMURA, NOZOMI	BIO ENG	AMER HEART	ROLE OF MICROVASCULAR LESIONS IN ALZHEIMER DISEASE	\$44,000	DLW	55790
SCHIMENTI, JOHN C NIKITIN, ALEXANDER YU	BIOMED SCI	NYS (NYSDOH)	CORNELL MAMMALIAN CELL REPROGRAMMING CORE	\$1,629,645	THF	56930
SCHIMENTI, JOHN C.	BIOMED SCI	DHHS (NIH-NIH NICHD)	GENOME FUNCTION IN MOUSE WITH COMBINATION MUTAGENESIS	\$317,770	TJC	49559
SCHIMENTI, JOHN C.	BIOMED SCI	DHHS (NIH-NIH NICHD)	GENOME FUNCTION IN MOUSE WITH COMBINATION MUTAGENESIS	\$8,747	TJC	59891
SCHNEIDER, LISA M TERRELL, MARIA S	ENGR DEAN	NSF (NSF EHR)	APPLICATION AND CONFIDENCE INVENTORIES FOR ASSESSING CURRICULAR CHANGE IN INTRODUCTORY ENGINEERING MATHEMATICS INSTRUCTION	\$149,911	DLW	56665
SCIDMORE, MARCI	MICRO & IMMUNO	DHHS (NIH-NIH NIAID)	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$37,811	TJC	51683

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SHAW, KERRY L SHORE, RICHARD A NERODE, ANIL SIEPEL, ADAM C	NB&B-E MATH BSCB	NSF (NSF BIO) NSF (NSF MPS) SLOAN	THE GENETICS OF FEMALE ACOUSTIC PREFERENCE BEHAVIOR LOGIC AND COMPUTABILITY 2009 ALFRED P. SLOAN RESEARCH FELLOWS SPITZER 50338 - ASTROCHEMISTRY AND ASTROMINERALOGY AT LOW METALLICITY	\$158,154 \$360,000 \$50,000	BMT TJC MBF	55760 57474 59909
SLOAN, GREGORY SMILLIE, JOHN D SMITH, STEPHEN DEGLORIA, STEPHEN D HOSKINS, SUSAN B SQUYRES, STEVEN W STANHOPE, MICHAEL J BUSTAMANTE, CARLOS SIEPEL, ADAM C SUZUKI, HARUO	CRSR MATH CSS CRSR POPULATION MED	JPL NSF NYS (NYS DEC) U OF ARIZONA DHHS (NIH-NIH NIAID)	ASTROMINERALOGY AT LOW METALLICITY DYNAMICS AND TRANSLATION SURFACES HUDSON RIVER ESTUARY SUBMERGED AQUATIC VEGETATION AND TIDAL WETLAND PROJECT PARTICIPATION IN THE HIRISE MISSION EVOLUTIONARY GENOMICS OF POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$19,740 \$408,400 \$17,700 \$18,250 \$473,949	SLJ TJC JDC SLJ TJC	59462 57631 53863 52351 51628
STEWART, HARRY E	CEE	NEES DHHS (NIH-NIH NIDDK)	OPERATIONS AND MAINTENANCE FOR LARGE DISPLACEMENT SOIL-STRUCTURE INTERACTION FACILITY FOR LIFELINE SYSTEMS NUTRITIONAL REGULATION OF CYSTEINE DIOXYGENASE: ARRA FUNDING	\$97,178 \$20,149	SLJ BMT	45380 59994
STIPANUK, MARTHA H	NUTRSCI-HE	DHHS (NIH-NIH NIDDK)	HOMEOSTATIC REGULATION OF FOLATE METABOLISM	\$303,693	BMT	52647
STOVER, PATRICK J	NUTRSCI-HE	DHHS (NIH-NIH NIDDK)	ANALYZING VESSEL MONITORING SYSTEM (VMS) DATA TO ESTIMATE FISHING EFFORT ACROSS TARGET SPECIES AND GEAR TYPES	\$19,999	JDC	59602
SULLIVAN, PATRICK J	NATRES	OAK MGMT.	AND CANDIDATE GENE SCREEN FOR PROTEIN-LOSING ENTEROPATHY IN YORKSHIRE TERRIERS	\$12,722	TJC	58830
SUTTER, NATHAN SWARTZ, EDWARD B	CLINSCI MATH	AKC CHF NSF	BACK ORGANIZING A US TRADE UNION DELEGATION TO COP 15 IN COPENHAGEN	\$150,000	TJC	57615
SWEENEY, SEAN TERZIAN, YERVANT PECK, MASON	ILR LAB & UN CRSR	ROCK BROS NASA (GODDARD SFC)	FELLOWSHIP PROGRAM: NEW YORK SPACE GRANT CONSORTIUM	\$55,000 \$11,000	AJP BMT	59889 48240

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THOMAS, ROBERT J CHIANG, HSIAO-DONG MOUNT, TIMOTHY D SCHULZE, WILLIAM D ZHANG, KE	E&CE	ARIZONA STATE U	CERTS R&M PROJECTS FOR FY 2009 DISK-MOON INTERACTIONS IN SATURN'S RINGS: EDGES, WAVES, AND PROPELLERS	\$614,854	DLW	59128
TISCARENO, MATTHEW S.	CRSR	NASA (NSSC)	PROPOSAL FOR THE NATIONAL PROGRAM FOR TERA-LEVEL NANODEVICES (2ND PHASE)	\$51,495	BMT	54092
TIWARI, SANDIP	E&CE	SAMSUNG	ROBUST OVER-THE-HORIZON (OTH) WARFIGHTER COMMUNICATIONS	\$150,000	MCH	46108
TONG, LANG	E&CE	TELCORDIA	HUBERT H. HUMPHREY FELLOWSHIP PROGRAM 2009-2010	\$40,000	MCH	56583
TUCKER, TERRY	INTAG	IIE NASA	THE EXPLORATION OF COMET TEMPEL 1 WITH STARDUST	\$219,632	LLB	57507
VEVERKA, JOSEPH F	CRSR	(MARSHALL SFC)	SOCIAL SCIENCE GATEWAY TO TERAGRID: ARRA FUNDING	\$725,000	SLJ	51326
VILHUBER, LARS	LABOREC	NSF (NSF SBE) DHHS (NIH-NIH NICHD)	UNMARRIED FATHERS' EARLY TIES TO CHILDREN: A MIXED METHOD ANALYSIS	\$393,523	AJP	59856
WALLER, MAUREEN R. WARNER, MILDRED E PRATT, JAMES E	BLCC DEVSOC	WOMEN'S POLICY	LINKING ECONOMIC DEVELOPMENT AND CHILD CARE TECHNICAL ASSISTANCE PROJECT	\$77,000 \$50,000	BMT LAG	55347 51463
WEISS, ROBERT S HUME, KELLY R LI, MINXING LYNDAKER, AMY YAZINSKI, STEPHANIE ANN	BIOMED SCI	DHHS (NIH-NIH NCI)	GENOME MAINTENANCE BY THE MOUSE HUS1 CHECKPOINT GENE TRANSLATIONAL BEHAVIORAL SCIENCE RESEARCH CONSORTIA	\$277,488	TJC	56967
WELLS, MARTIN T	SOCIAL STAT	WEILL DHHS (NIH-NIH NIAID)	ENDOCYTOSIS OF INFLUENZA VIRUS	\$42,747	THF	59807
WHITTAKER, GARY	MICRO & IMMUNO		PHENOTYPIC AND MOLECULAR STUDIES TO FACILITATE IMPROVED CONTROL OF L. MONOCYTOGENES AND SALMONELLA TRANSMISSION: FOOD SAFETY RESEARCH CONSORTIUM, NY	\$371,038	TJC	52734
WIEDMANN, MARTIN WIESNER, ULRICH B.	FOODSCI-S CCMR-GENERAL	CSREES-USDA NSU	METAMATERIALS	\$646,075 \$94,000	MBF KLH	59389 50519
WINANS, STEPHEN C	MICROBIO-S	DHHS (NIH)	INTERACTIONS BETWEEN AGROBACTERIUM AND HOST PLANTS	\$454,938	TJC	52690

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WISE, FRANK W	AEP	SUNX LTD	FEMTOSECOND-PULSE FIBER AMPLIFIER FOR PRECISION MICROMACHINING	\$22,906	SLJ	56876
WOLFNER, MARIANA F	MOLECULAR BIO-E	DHHS (NIH-NIH NICHD)	DROSOPHILA FEMALES: ARRA SUPPLEMENT TO 45679	\$18,007	RT	59952
WOODARD, DAWN HENDERSON, SHANE G MATTESON, DAVID S	ORIE	NSF (NSF SBE) U OF CAL (UC BERKELEY)	STATISTICAL ANALYSIS OF EMERGENCY SERVICES DATA: ARRA FUNDING SIM DOUBLE-BLIND PLANET FINDING SIMULATION - PHASE 2	\$329,936	LAG	58540
WRIGHT, JASON T.	CRSR	DHHS (NIH-NIH NIEHS)	ENVIRONMENTAL AND MOLECULAR TOXICOLOGY	\$28,507	SLJ	57586
YEN, ANDREW BLOOM, STEPHEN E ZEHNDER, ALAN T HINES, MELISSA A	BIOMED SCI MECHAERO	NSF	THE EFFECT OF SURFACES ON THE STRENGTH OF NANOSCALE SILICON STRUCTURES	\$36,968 \$295,508	TJC TJC	42547 57579
ZIPFEL, WARREN R WILLIAMS, REBECCA M	BIO ENG	NSF (NSF ENG)	MRI: DEVELOPMENT OF A REAL-TIME FLUORESCENCE AND PHOSPHORESCENCE LIFETIME IMAGING 3D MICROSCOPE BASED ON A NOVEL ANALOG ACQUISITION METHOD: ARRA	\$675,176	DLW	58340