

New Federal Awards

Name	Amount	Granting Agency	Grant Title
<i>Anatomy & Neurobiology</i>			
Didier A. Depireux, PhD	\$221,287	US Army Medical Research Acquisition Activity	Targeting and Reducing Noise Trauma-Induced Tinnitus and Hearing Loss
Reha S. Erzurumlu, PhD	\$328,125	NINDS	Cellular Mechanisms Underlying Pattern Formation
	\$62,415	NINDS	Somatosensory Cortical Development and Plasticity
Asaf Keller, PhD	\$395,372	NINDS	Cortical Control of Movement
	\$375,000	NINDS	Maladaptive Plasticity Following Spinal Cord Injury
Iris Lindberg, PhD	\$311,500	NIDA	Deorphanizing the Peptidome
Steven D. Munger, PhD	\$127,230	NIDCD	Chemosensory Receptors & the Basis of Specificity
	\$327,684	NIDCD	Mechanisms of Alimentary Chemosensation
Masaaki Ogawa, MD, PhD	\$150,000	NIDA	Neural Mechanisms of Associative Learning from Negative Reward Prediction Errors

Name	Amount	Granting Agency	Grant Title
<i>Biochemistry & Molecular Biology</i>			
Alexander C. Drohat, PhD	\$102,855	NIGMS	Structure & Mechanism of CpG Specific DNA Glycosylases
Richard L. Eckert, PhD	\$174,957	NCI	Bmi-1 and Skin Cancer Prevention
	\$100,000	NIAMS	Polycomb Genes and Keratinocyte Function
Joseph R. Lakowicz, PhD	\$279,672	NHGRI	DNA Sequencing Using Intrinsic Base Fluorescence
	\$217,911	NIBIB	Plasmon Controlled Fluorescence
	\$499,037	NIGMS	Sub-Wavelength Imaging of Intracellular Metal Ions
A-Lien C. Lu-Chang, PhD	\$275,409	NCI	Repair of Oxidatively Damaged Guanines
Dmitry I. Nurminsky, PhD	\$170,000	NSF	Tissue-Specific Repression of Multigenic Regions by the B-type Lamin
	\$285,000	NIGMS	Transcriptional Regulation in Drosophila Spermatogenesis
Maria Nurminsky, PhD	\$75,000	NIAMS	Transglutaminase 2 in Cartilage Formation
Richard B. Thompson, PhD	\$387,548	NIBIB	Fluorescence Zinc BioSensing and Imaging Technology
David J. Weber, PhD	\$376,297	NCI	Restoration of Tumor Suppression Activity in Malignant Melanoma
Gerald M. Wilson, PhD	\$260,759	NCI	Mechanisms Directing Oncoprotein and Cytokine mRNA Decay
Jian Zhang, PhD	\$210,000	NIBIB	Measurement of CCR5 and CCL3L1 on Single Cell by Fluorescent Metal Nanoparticle

Name	Amount	Granting Agency	Grant Title
<i>Center for Integrative Medicine</i>			
Margaret A. Chesney, PhD	\$431,785	NCCAM	A New Translational Tool for Studying the Role of Breathing in Meditation

Name	Amount	Granting Agency	Grant Title
<i>Center for Vaccine Development</i>			
Eileen M. Barry, PhD	\$567,576	NIAID	Advancement of New Live Attenuated F. Tularensis Type A Vaccine Strains
Karen L. Kotloff, MD	\$1,000,000	NIAID	Vaccine and Treatment Evaluation Units (VTEUs):09-0058 Sanofi H1N1
Myron M. Levine, MD, DTPH	\$334,916	NIAID	MARCE Year 06 Stimulus Supplement

Name	Amount	Granting Agency	Grant Title
<i>Center for Vascular & Inflammatory Diseases</i>			
Toni M. Antalis, PhD	\$315,624	NCI	New Function Serpin PAI 2 as a Regulator of RB
	\$337,500	NIDDK	Protease Pathways in the Gastrointestinal Tract
Gregory B. Carey, PhD	\$100,000	NCI	Selective Targeting of MEK and Akt in Lymphoma and Myeloma Apoptosis
David W. Scott, PhD	\$66,823	NIAID	Gene Therapeutic Approach for Tolerance Induction
Dudley K. Strickland, PhD	\$375,000	NHLBI	Regulation of Factor VIII Levels and Activity by Members of LDL Receptor Family
	\$378,618	NHLBI	Vascular Biology Training Program (Transfusion Medicine Research Training Program)
Jeffrey A. Winkles, PhD	\$112,499	Department of Defense	Targeted Therapy of Fn14-Positive Breast Tumors Using a TWEAK-Cytotoxin Fusion Protein or Noncovalent Complex

Name	Amount	Granting Agency	Grant Title
<i>Diagnostic Radiology</i>			
Eliot L. Siegel, MD	\$99,996	National Institute of Standards and Technology	Diagnostic Imaging Data Analysis and Development Liaison

Name	Amount	Granting Agency	Grant Title
<i>Epidemiology & Preventive Medicine</i>			
Jon P. Furuno, PhD	\$25,000	NIAID	Epidemiology of Resistant Bacteria in Acute-Care and Lon
Ann L. Gruber-Baldini, PhD	\$109,055	NHLBI	FOCUS Hip Fracture Transfusion Trial: Delirium & Other Cognitive Outcomes
Istvan Merenthaler, MD, PhD, ScD	\$352,759	NIA	Novel Treatment of Menopausal Hot Flashes with an Exradiol Prodrug
Henry J. Silverman, MD, MA	\$50,000	Fogarty International Center	International Research Bioethics Training Program: Egypt
	\$43,200	Fogarty International Center	International Research Bioethics Training Program: Egypt
Michael L. Terrin, MD, CM, MPH	\$2,370,748	NHLBI	NHLBI Progenitor Cell Biology Consortium Administrative Coordinating Center

Name	Amount	Granting Agency	Grant Title
<i>Family Medicine</i>			
Shiraz I. Mishra, MBBS, PhD	\$1,364,245	NCMHD	Maryland Telehome Care Network (MTCN)
	\$112,350	NCI	Planning Grant for Bowie State/University of Maryland Cancer Research and Training Partnership

Name	Amount	Granting Agency	Grant Title
<i>Institute for Genome Sciences</i>			
Scott E. Devine, PhD	\$307,764	NHGRI	Natural Genetic Variation in the Human Genome
Wolfgang F. Fricke, PhD	\$674,786	NHGRI	Virtual Machines and Cloud Computing for Automated and Portable Sequence Analysis
Michelle G. Giglio, PhD	\$225,000	NIGMS	Maintenance and Expansion of the TIGR Annotation Engine Service
Jacques Ravel, PhD	\$474,295	NIAID	Eco-Pathogenomics of Chlamydial Reproductive Tract Infection (EPCRTI)-Project #1

Name	Amount	Granting Agency	Grant Title
Owen R. White, PhD	\$2,112,252	NHGRI	A Quality Assurance, Coordination and Analysis Center for HMP
	\$573,923	NHGRI	A Quality Assurance, Coordination and Analysis Center for HMP
	\$462,904	NIAID	Eco-Pathogenomics of Chlamydial Reproductive Tract Infection (EPCRTI)-Core D

Name	Amount	Granting Agency	Grant Title
<i>Institute of Human Virology</i>			
William A. Blattner, MD	\$63,754,551	CDC	HIV/AIDS Prevention, Care and Treatment in the Federal Republic of Nigeria
	\$440,160	Fogarty International Center	IHV/UMB AITRP in Brazil, the Caribbean & Nigeria
Jean K. Carr, PhD	\$90,804	NIAID	HIV-1 Subtype B Transmission in a Heterosexual Incident
Anthony L. DeVico, PhD	\$63,794	NIAID	HIV Vaccines Based on BP120-CD4 Mimetic Complexes
Robert C. Gallo, MD	\$478,338	NCI	FLSC Combined with Tat Toxoid as an HIV Prophylactic Vaccine
Alonso Heredia, PhD	\$75,000	NIAID	Control of HIV Drug Resistance in Older Patients
George K. Lewis, PhD	\$425,433	NIAID	Broad Neutralizing Monoclonal Antibodies From HIV Controllers
Gregory B. Melikian, PhD	\$187,500	NIAID	Functional Characterization of the Hepatitis C Virus E1-E2 Glycoproteins
C. David Pauza, PhD	\$580,972	NIAID	Mechanisms for SIV Evasion of Vaccine Immunity: Role of FasL-mediated Cell Death
Robert R. Redfield, MD	\$1,650,000	CDC	Partnership for Advanced Clinical Education (PACE)-Pre-Service Training in University Training Health Care Providers; In-Service Training in PEPFAR S
Fabio Romero, PhD	\$229,293	NIAID	A New Insight into HIV-1 Latency Through a Novel in Vitro System
Maria S. Salvato, PhD	\$75,000	NIAID	A Lassa Vaccine in Primates with AIDS
	\$492,788	NCI	Protection of Vaccine Immunity by Inhibiting Fas/FasL Signaling
Lai-Xi Wang, PhD	\$525,000	NIGMS	Convergent Chemoenzymatic Synthesis of Glycopeptides and Glycoproteins

Name	Amount	Granting Agency	Grant Title
<i>Medicine</i>			
Claudia R. Baquet, MD, MPH	\$1,448,901	NCMHD	Bioethics Research Infrastructure Initiative
Yen-Pei C. Chang, PhD	\$313,700	NIDDK	The Relationship Between STK39, Salt Sensitivity, and HCTZ-induced BP Response
Marc C. Hochberg, MD, MPH	\$1,429,645	NHLBI	The Osteoarthritis Initiative: Phase II
Stephen B. Liggett, MD	\$375,000	NHLBI	Basis of Variability of Lung GPCR Signaling
William C. Stanley, PhD	\$2,293,262	NHLBI	Cardiac Energy Metabolism in Heart Failure
Alan R. Shuldiner, MD	\$1,169,886	NIDDK	Clinical Nutrition Research Unit of Maryland
	\$323,971	NIDDK	Clinical Research Unit of Maryland
	\$115,388	NIDDK	Genetics of Diabetes in the Amish
	\$1,618,062	NIGMS	Pharmacogenesis of CVD Risk Reduction

Name	Amount	Granting Agency	Grant Title
<i>Microbiology & Immunology</i>			
Matthew B. Frieman, PhD	\$158,270	NIAID	Inhibition of the Innate Immune Response by the SARS Coronavirus
Martin F. Flajnik, PhD	\$37,680	NCRR	Evolution of Adaptive Immunity
	\$70,711	NCRR	Evolution of Adaptive Immunity
	\$77,273	NIAID	Ontogeny and Phylogeny of the MHC
Ferenc Livak, MD	\$10,787	NIA	Antibody Affinity Maturation in the Aging Bone Marrow
James B. Kaper, PhD	\$132,803	NIAID	Immunity and Infection
Kamal D. Moudgil, MD, PhD	\$375,000	NCCAM	Immune Modulation of Autoimmunity by Herbal Products
Stefanie N. Vogel, PhD	\$113,100	NIAID	Differentiative Signals for Macrophage Activation
Tonya J. Webb, PhD	\$119,880	NCI	aAPC-Mediated NKT cell Modulation to Enhance Cancer Immunotherapy

Name	Amount	Granting Agency	Grant Title
<i>Mucosal Biology Center</i>			
Terez Shea-Donohue, PhD	\$221,941	NIAID	Novel Therapy for Post-Irradiation Insult to Gut Mucosa

Name	Amount	Granting Agency	Grant Title
<i>Neurosurgery</i>			
James W. Russell, MB, ChB, MS	\$187,500	NCRR	SIRT 1 Overexpression in Cellular Mitochondrial Metabolism & Function
Lisa M. Shulman, MD	\$656,398	NIAMS	Development and Validation of a Self-Efficacy Item Bank

Name	Amount	Granting Agency	Grant Title
<i>Ophthalmology</i>			
Steven L. Bernstein, MD, PhD	\$541,301	NEI	Preclinical Treatment Analysis of Ischemic Optic Nerve Disease
Shay-Whey M. Koh, PhD	\$44,046	NEI	Neurotrophic Factor Modulation of Corneal Endothelium
	\$148,230	NEI	Neurotrophic Factor Modulation of Corneal Endothelium
Michaela K. Mathews, MD	\$170,502	NEI	Lipoprotein (A) in Vascular Diseases of the Eye

Name	Amount	Granting Agency	Grant Title
<i>Pathology</i>			
John R. Hess, MD, MPH	\$187,500	NHLBI	Reducing Mortality from Acute Hemorrhage in Trauma
A. James Mixson, MD	\$321,589	NCI	Identification of Structural Features of HK Polyplexes for Improved siRNA Delivery to Tumors

(New Federal Awards continued)

Name	Amount	Granting Agency	Grant Title
<i>Pediatrics</i>			
Maureen M. Black, PhD	\$1,015,058	NICHD	Toddler Feeding Styles
Erik P. Lillehoj, PhD	\$187,500	NIAID	Counter-Regulation of TLR-Driven Mucosal Inflammation
Ligia Peralta, MD	\$390,355	NIAID	Eco-Pathogenomics of Chlamydial Reproductive Tract Infection (EPCRTI)--Core C
Rose Marie Viscardi, MD	\$97,500	NICHD	Azithromycin to Prevent BPD in Ureaplasma-Infected Preterms: Single Dose PK Study
Horst Ronald Zielke, PhD	\$1,393,997	NICHD	NICHD Brain and Tissue Bank for Developmental Disorders

Pharmacology & Experimental Therapeutics

Edson X. Albuquerque, MD, PhD	\$714,497	NINDS	Age and Sex Effects on Nerve Agent Damage to the Brain and Antidotal Therapies
Jessica A. Mong, PhD	\$112,830	NHLBI	Cellular Mechanisms for the Hormonal Modulation of Sleep
	\$150,000	Department of Defense	Etiology of Sleep Disorders in PTSD: Potential Role of Inflammatory Cytokines

Physical Therapy & Rehabilitation Science

Mark W. Rogers, PhD, PT	\$600,049	NIA	Lateral Stability and Falls in Aging
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Physiology

Bradley E. Alger, PhD	\$389,822	NINDS	Training Program in Cellular & Integrative Neuroscience
Mordecai P. Blaustein, MD	\$15,960	NINDS	Sodium Ions and Calcium Signaling in Neurons and Glia
Robert J. Bloch, PhD	\$385,365	NIAMS	Intermediate Filaments & Costamere Structure & Function
Meredith Bond, PhD	\$276,723	NIA	AKAP Regulation of PKA Targeting in the Heart
	\$344,597	NHLBI	Training Program in Cardiovascular Cell Biology
Margaret M. McCarthy, PhD	\$128,270	NINDS	Estradiol and Hippocampal Development
Matthew Trudeau, PhD	\$375,000	NHLBI	Molecular Physiology of HERG (KCNH2) Potassium Channels
Paul A. Welling, MD	\$499,998	NIDDK	Multigene Kinase Network, Kidney Transport and Salt in Essential Hypertension
	\$100,000	NIDDK	Polarized Trafficking of K+ Channels in the Kidney

Program in Oncology

Kevin J. Cullen, MD	\$750,000	NCI	University of Maryland Greenebaum Cancer Center Support - Administrative Supplement
	\$75,000	NCI	University of Maryland Greenebaum Cancer Center Support - Administrative Supplement
Amy M. Fulton, PhD	\$187,500	US Army Medical Research & Mater. Command	Reducing Breast Cancer Mortality by Targeting the COX-2 Pathway
Ronald B. Gartenhaus, MD	\$356,250	NIAAA	Alcohol Consumption and Risk of NHL: Role of mTOR Dysfunction
Anne V. Hamburger, PhD	\$467,753	NCI	A Novel Therapy for HER2 Positive Hormone Refractory Breast Cancer
Bret A. Hassel, PhD	\$375,000	NIAID	Role of the Antiviral Ribonuclease, RNase-L, in the Host Antibacterial Response
Dhan V. Kalvakolanu, PhD	\$280,989	NCI	Cytokine Modulated Model Growth Inhibitory Mechanisms
Zhenqiu Liu, PhD	\$75,000	NCI	ROC Based Methods of Risk Factor Prediction and Evaluation
Aaron P. Rapoport, MD	\$139,842	NCI	Immunotherapy after ASCT for MM using hTERT Vaccination + Vaccine-Primed T Cells
Douglas D. Ross, MD, PhD	\$112,601	NCI	HOSPICE Educational Program for the School of Medicine
Edward A. Sausville, MD, PhD	\$311,250	NCI	Treatment of Melanoma with Wild-type P53 and Detectable S100B using Pentamidine
Koji Tamada, MD, PhD	\$136,807	NHLBI	LIGHT Co-Stimulatory Therapy on GVHD and GVL

Psychiatry

William T. Carpenter, MD	\$91,709	NIMH	MPRC Centers for Intervention Development & Applied Research (CIDAR)
Bernard A. Fischer IV, MD, MA	\$37,500	NIAAA	Glutamate Response to Acamprostate in Schizophrenia with Alcohol Misuse History
Harry L. June, PhD	\$384,386	NIAAA	Anxiety and Alcoholism: Novel Benzodiazepine Treatments

Radiation Oncology

Thomas J. Macvittie, PhD	\$5,079,226	NIAID	Medical Countermeasures Against Radiological Threats
Byong Y. Yi, PhD	\$360,952	NCI	Radiotherapy with Dose-Rate Regulated Tracking

Surgery

Toby C. Chai, MD	\$14,136	NIDDK	Human Bladder Urothelial Cell Structure and Function in Bladder Hypersensation
Adrian E. Park, MD	\$56,700	US Army Medical Research & Mater. Command	OR Future: Advanced Technologies in Safe and Efficient Operating Rooms (Supplement for Dr. Lam)
Richard N. Pierson III, MD	\$223,636	NIAID	Immunomodulation for Heart Allograft Tolerance
	\$340,001	NIAID	Mechanism of GalTKO Lung Xenograft Injury
Zhongjun Wu, PhD	\$101,703	NHLBI	Linking Multiscale Dynamics of Shear-Induced Blood Damage to CFD Modeling

New Non-Federal Awards

Name	Amount	Granting Agency	Grant Title
<i>Anesthesiology</i>			
Gary M. Fiskum, PhD	\$333,062	Geneva Foundation	Inhalation of Oxygen and Hyperventilation Early After Injury May Be Deleterious in Rattus Norvegicus with Closed-Head TBI

Center for Stem Cell Biology & Regenerative Medicine

Curt I. Civin, MD	\$115,000	TEDCO	The Hippo Pathway in Control of Hematopoietic Organ Size and Stemness
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Center for Vaccine Development

Miriam K. Laufer, MD	\$135,000	UMB Foundation	The Molecular Epidemiology of Malaria During Pregnancy
Milagritos D. Tapia, MD	\$166,201	Johns Hopkins University - SPH	Evaluation of Real-Time Polymerase Chain Reaction and the Binax NOW® S. pneumoniae Immuno-Chromatographic Test for Diagnosis of Pneumococcal Pneumonia and Sepsis in Mali
	\$120,946	Program for Appropriate Technology in Health	Meningitis Vaccine Project (MVP) Vaccine (Study 006)

Center for Vascular & Inflammatory Diseases

Sarah J. Netzel-Arnett, PhD	\$115,000	TEDCO	Targeting Prosurvival Pathways for Enhanced Stem Cell Based Therapy
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Epidemiology

Daniel J. Morgan, MD	\$135,051	Agency for Healthcare Research Quality	Improving Patient Safety and Disease Management while on Contact Isolation
Renee Royak-Schaler, PhD	\$307,324	American Cancer Society (National Affiliate)	RT Following BCS in Low-Income Women: Communicating the Benefits and Risks

Institute for Genome Sciences

Claire M. Fraser-Liggett, PhD	\$123,770	Crohn's & Colitis Foundation of America	Metagenomic and Metaproteomic Analysis of the Human Gut Microbiota in Crohn's Disease
Jacques Ravel, PhD	\$148,609	Children's National Medical Center	HIV Microbicide and the Vaginal Microbiome
Lynn M. Schriml, PhD	\$235,857	Northwestern University Medical School	DO: An Open Biomedical Ontology for Disease
Herve S.G. Tettelin, PhD	\$174,861	PATH	Characterization of Antigens Through Bioinformatics & Comparative Genomics - Enhancement & Dissemination of the Public Strepneumo Sybil Package

Institute of Human Virology

Robert R. Redfield, MD	\$326,125	Maryland Dept/Housing/Community Dev	Housing Opportunities for Persons with AIDS (HOPWA)
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Medicine

Alan S. Cross, MD	\$282,443	Evolva SA	Novel Compounds to Boost Short-Term Human Defense Response Against Unknown Pathogens
Alan R. Shuldiner, MD	\$156,975	Duke University	Metabolomics Network for Drug Response Phenotype
Nanette Steinle, MD	\$134,694	Endocrine Fellows Foundation	Diabetes Treatment: Education for Medicine Residents
Mark R. Vesely, MD	\$137,821	Osiris Therapeutics	Evaluation of the Safety and Efficacy of Prochymal

Neurology

James W. Russell, MB, ChB, MS	\$165,000	Juvenile Diabetes Research Foundation	Epigenetic Control of Diabetic Neuropathy by Nuclear Transcription Factors
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Pathology

Robert H. Christenson, PhD	\$323,430	Brahms Ag	Copeptin Helps in the Early Detection of Patients with Acute Myocardial Infarction (CHOPIN)
Niel T. Constantine, PhD	\$209,300	Chembio Diagnostics Systems	Evaluate the Performance of the CHEMBIO DPP HIV 1/2 Screen Rapid Test
Dean L. Mann, MD	\$433,330	Maryland Industrial Partnerships	Functional Assay for Cancer Therapeutic AMP-224-MIPS Portion

Program in Oncology

Martin J. Edelman, MD	\$253,619	Tragara Pharmaceuticals	GCC 0822: A Randomized, Double-Blind, Placebo-Controlled Multicenter Phase II Study of the Efficacy & Safety of apicoxib in Combination with Either Docetaxel or Pemetrexed in Non-Small Cell Lung Cancer Patients
Katherine H. Tkaczuk, MD	\$116,606	Genentech Incorporated	GCC 0849: TDM4450g: A Randomized, Multicenter, Phase II Study of the Efficacy and Safety of Trastuzumab-MCC-DM1 vs. Trastuzumab (Herceptin) and Docetaxel (Taxotere) in Patients with Metastatic HER2-Positive B

Program in Trauma

William C. Chiu, MD	\$156,458	Genzyme Corporation	Effect of an Adhesion Reduction Plan on Enteric Adhesions, Obstructions and Fistulae in the Management of the Surgical Open Abdomen: A Prospective, Randomized Clinical Trial in Trauma & Emergency General Surgery
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Psychiatry

Lisa B. Dixon, MD	\$798,304	Research Foundations for Mental Health Hygiene	RECOVERY (RAISE): Recovery After Initial Schizophrenic Episode
David B. Pruitt, MD	\$190,667	MD Department of Health and Mental Hygiene	Maryland's Linkages to Life Youth Suicide Prevention Program
Robert Schwarcz, MD	\$202,006	CHDI, Inc.	Enzyme Levels of the Kynurenine Pathway in Humans and in R6.2 and KMO Knockdown Mice
Christopher Welsh, MD	\$373,824	Center for Substance Abuse Treatment	Screening, Brief Intervention, Referral & Treatment (SBIRT) Medical Residency Program

Radiation Oncology

Thomas J. Macvittie, PhD	\$344,017	Aeolus Pharmaceuticals, Inc.	The Pharmacology of Aeolus 10150 Administered After Total Lung Irradiation (TLI) in the Rhesus Macaque
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Surgery

Zhongjun Wu, PhD	\$106,697	CircuLite Inc.	Circulatory Support System in Children and Infants
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