

New Federal Awards

Name	Amount	Granting Agency	Grant Title
Biochemistry & Molecular Biology			
Aikaterini Kontrogianni-Konstantopoulos, PhD	\$225,000	NIH / NHLBI	HAX-1: a Multifaceted Family of Apoptotic Regulators
Joseph R. Lakowicz, PhD	\$300,000	NIH / NHGRI	Metallic Surfaces and Particles in DNA Analysis
Dmitry I. Numinsky, PhD	\$170,000	NSF	Tissue-Specific Repression of Multigenic Regions by the B-Type Lamin
Martin F. Schneider, PhD	\$147,446	NIH / NCRR	In-Incubator Live Cell Fluorescence/DIC Time Lapse Imaging System
Center for Integrative Medicine			
Lixing Lao, PhD	\$62,120	Fogarty International Center	The Mechanism of a Chinese Herbal Formula on Cancer Pain
Center for Shock, Trauma & Anesthesia Research			
Thomas E. Grissom, MD	\$656,874	Air Force	Training Protocols and Assessment in the Distributed Human Patient Simulation (DHPS) Program
Bingren Hu, PhD	\$328,576	NIH / NINDS	Translational Complex Aggregation after Brain Ischemia
Center for Vaccine Development			
Christopher V. Plowe, MD, MPH	\$614,646	NIH / NIAID	Genetic Diversity and Protective Immunity to Malaria Infection and Disease
Center for Vascular & Inflammatory Diseases			
Jonathan S. Bromberg, MD, PhD	\$92,469	NIH / NIAID	Migration and Trafficking in Tolerance 10/07
	\$238,980	NIH / NIAID	Induction and Migration of Regulatory T Cells
	\$237,150	NIH / NIAID	Lymphoid Structure in Tolerance
Dudley K. Strickland, PhD	\$381,495	NIH / NHLBI	Vascular Biology Training Program (Transfusion Medicine Research Training Program)
Diagnostic Radiology & Nuclear Medicine			
Eliot L. Siegel, MD	\$249,993	NIST	NIST/University of Maryland School of Medicine Liaison for CT Data Analysis/Development and Clinical Decision Support Investigation
Emergency Medicine			
Michael A. Grasso, MD, PhD	\$47,623	NIST	Computational Image Classification in Cell Biology
Epidemiology & Public Health			
Edson X. Albuquerque, PhD	\$614,700	NIH / NIEHS	Neurotoxicity of Organophosphorus Pesticides in Developing Guinea Pigs
Jon P. Furuno, PhD	\$49,198	NIH / NIAID	Epidemiology of Resistant Bacteria in Acute-Care and Long-Term Care Facilities
Jay S. Magaziner, PhD, MSHyg	\$2,089,643	NIH / NIA	Community Ambulation Following Hip Fracture
Mary-Claire Roghmann, MD, MS	\$296,873	NIH / NCRR	Clinical Research Curriculum Award
Michael L. Terrin, MD, CM, MPH	\$123,936	NIH / NHLBI	FOCUS Data Coordinating Center
Kerri A. Thom, MD	\$134,730	NIH / NIAID	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen
Family & Community Medicine			
Adrienne A. Williams, PhD	\$136,000	HRSA	Family Medicine Video Observation for the Improvement and Evaluation of Resident Skills - (VOL-ERS)
Institute for Genome Sciences			
Joana Carneiro Da Silva, PhD	\$292,640	NSF	DIMENSIONS: Collaborative Research-Uncovering the Novel Diversity of the Copepod Microbiome and its Effect on Habitat Invasions by the Copepod Host
Julie C. Hotopp, PhD	\$447,660	NIH / NIGMS	Impact of Bacterial-Animal Lateral Gene Transfer on Human Health
Institute of Human Virology			
Clement A. Adebamowo, DSc, MD	\$539,964	NIH / NCI	Capacity Development for Research in AIDS-Associated Malignancies (CADRE)
	\$54,200	Fogarty International Center	UMB-IRB and Nigerian NHREC Collaborative Capacity Building Initiative
Anthony Amoroso, MD	\$1,087,246	CDC	Partnership for Advanced Care and Treatment Support (PACTS) Program - Kenya
William A. Blattner, MD	\$430,830	NIH / NIMH	Correlates of Monocyte-Associated Virus in HIV Neurocognitive Impairment
Mohammad M. Sajadi, MD	\$134,730	NIH / NIAID	The Circulating and Memory B-Antibody Responses in HIV-Infected Patients
Maryland Psychiatric Research Center			
William T. Carpenter Jr, MD	\$106,515	NIH / NIMH	Multidisciplinary Schizophrenia Research Training
L. Elliot Hong, MD	\$496,943	NIH / NIDA	Shared Neural Circuitry in Comorbid Schizophrenia and Nicotine Addiction
Deanna L. Kelly, PharmD, BCPP	\$2,373,996	NIH / NIDA	Residential Research Support Services
Medical & Research Technology			
Jianyuan Luo, PhD	\$151,976	NIH / NIA	Regulation WRN Deacetylation by SIRT1 after DNA Damage
Medicine			
Claudia R. Baquet, MD, MPH	\$40,027	SAIC-Frederick, Inc.	NCCCP Project 7 with Maryland Regional Community Network Program
Jeffrey C. Fink, MD, MS	\$428,752	NIH / NIDDK	Does Underrecognition of Kidney Disease Affect Patient Safety?
Patrick F. McArdle, PhD	\$251,124	NIH / NINDS	Ischemic Stroke Genome Wide Association Study (IS-GWAS)
Ayse L. Mindikoglu, MD, MPH	\$183,276	NIH / NIDDK	Gender Disparity in Liver Transplantation
Jean-Pierre Raufman, MD	\$364,908	NIH / NIDDK	Research Training In Gastroenterology
Alan R. Shuldiner, MD	\$2,341,982	NIH / NHLBI	Pharmacogenomics of Anti-platelet Intervention-2 (PAPI-2) Study
	\$1,145,761	NIH / NIDDK	Mid-Atlantic Nutrition Obesity Research Center
Wayne C.H. Wang, PhD	\$375,000	NIH / NHLBI	Novel Mechanisms of Smooth Muscle Beta2-receptor Regulation Relevant to Asthma

Name	Amount	Granting Agency	Grant Title
Microbiology & Immunology			
Abdu F. Azad, PharmD, PhD, MPH	\$304,020	NIH / NIAID	Murine Typhus: Vector Biology and Transmission
Martin F. Flajnik, PhD	\$74,917	US Army Medical Research & Material Command	Sharks IgNAR Response to Hassavirus
James B. Kaper, PhD	\$444,924	NIH / NIAID	Development of a Live Oral Cholera Vaccine
	\$1,512,472	NIH / NIAID	Severe Enteric Disease: Pathogenesis and Response
John B. Sacci Jr, PhD	\$30,203	Naval Medical Research Center	Expression and Ultrastructural Localization of Plasmodium Falciparum Antigens in the Chimeric Livers of SCID Alb-u-PA Mice
Neurology			
Peter H. Gorman, MD	\$467,164	Department of Defense (DOD)	A Comparison of Robotic Body Weight Supported Locomotor Training and Aquatic Therapy in Chronic Motor Incomplete Spinal Cord Injury Subject
Steven J. Kittner, MD	\$3,690,607	NIH / NINDS	Ischemic Stroke Genome Wide Association Study (IS-GWAS)
Walter Royal III, MD	\$235,293	NIH / NIMH	Correlates of Monocyte-Associated Virus in HIV Neurocognitive Impairment
	\$225,000	NIH / NINDS	A Model of Stem Cell-Based Treatment of HIV-Related Neurological Disease
Neurosurgery			
J. Marc Simard, MD, PhD	\$108,768	US Army Medical Research & Material Command	Glyburide-Novel Prophylaxis and Effective Treatment for TBI
	\$168,750	Department of Defense (DOD)	Improving the Efficiency and Efficacy of Glibenclamide in Limiting Progressive Hemorrhagic Necrosis Following Traumatic Spinal Cord Injury
Ophthalmology & Visual Sciences			
Shay-Whey M. Koh, PhD	\$187,500	NIH / NEI	Corneal Endothelial Cell Survival in Human Donor Corneas for Transplantation
Orthopaedics			
Richard M. Lovering, PT, PhD	\$303,750	NIH / NIAMS	Mechanisms of Force Loss in Injured and Dystrophic Skeletal Muscle
Robert V. O'Toole, MD	\$706,712	Department of Defense (DOD)	Novel Therapy to Reduce Infection after Operative Treatment of Fractures at High Risk of Infection: A Multicenter Randomized Controlled Trial
Vincent D. Pellegrini, MD	\$217,915	US Army Medical Research Acquisition Activity	Heterotopic Ossification following Extremity Blast Amputation: An Animal Model in the Sprague Dawley Rat
Pathology			
Dean L. Mann, MD	\$1,392,401	NIH / NCI	Resource for the Collection and Evaluation of Human Tissues and Cells from Donors with an Epidemiology Profile
Sanford A. Stass, MD	\$382,500	NIH / NCI	University of Maryland Baltimore Biomarker Reference Laboratory
Richard Y. Zhao, PhD	\$567,190	NIH / NIAID	Development of Rapid Point-of-Care Tests for Women's Health
Pediatrics			
Thomas G. Blanchard, PhD, JD	\$262,500	NIH / NIAID	H. Pylori-Specific Regulatory T Cells that Limit Host Response
Physical Therapy & Rehabilitation Science			
Mark W. Rogers, PhD, PT	\$150,000	U.S. Department of Education	University of Maryland Advanced Neuromotor Rehabilitation Research Training (UMANRRRT)
Physiology			
Margaret M. McCarthy, PhD	\$40,500	NSF	Graduate Research Fellowship Program
	\$375,000	NIH / NIMH	Prostaglandins and Cerebellum Development
	\$328,125	NIH / NINDS	Estradiol and Hippocampal Development
Andrea L. Meredith, PhD	\$201,203	NIH / NIDDK	Intrinsic Circadian Rhythms in Bladder
Patrick W. Reed, PhD	\$202,500	NIH / NIAMS	The Role of mu-Crystallin in Facioscapulohumeral Muscular Dystrophy
James B. Wade, PhD	\$375,000	NIH / NIDDK	Coordination of Renal K and Na Transport by Vesicle Traffic
Program in Biology of Model Systems			
Shiladitya DasSarma, PhD	\$113,750	NASA	Cold Adaptation in the Extremely Halophilic Archaeon Halorubrum lacusprofundi: A Terrestrial Model for Extraterrestrial Life
Gerardo R. Vasta, PhD	\$149,976	NSF	The Role(s) of the Cation Transporter NRAMP in the Intracellular Survival of Protistan Parasites
Program in Comparative Medicine			
Louis J. Detolla Jr, VMD, PhD	\$210,413	Countervail Corporation / NIH / NINDS	Definitive Studies for Use of Galantamine as a Pre-Treatment Countermeasure Against Nerve Gas Poisoning
Program in Oncology			
Arnob Banerjee, MD, PhD	\$131,652	NIH / NHLBI	Transcriptional Regulation of CD8+ T Cell Differentiation
Eduardo V. Davila, PhD	\$311,250	NIH / NCI	TLR2 Engagement on Tumor-Specific T Cells: Mechanisms of Costimulation
Psychiatry			
Todd D. Gould, MD	\$388,500	NIH / NIMH	Suicide Endophenotypes and Molecular Mechanisms of Lithium Action
Teodor T. Postolache, MD	\$121,824	NIH / NIMH	Seasonality of Mood: A Genome-Wide Association Study in the Old Order Amish
Gregory P. Strauss, PhD	\$152,473	NIH / NIMH	Motivated Attention and Avolition in Individuals with Schizophrenia
Radiation Oncology			
Thomas MacVittie, PhD	\$14,251,759	NIH / NIAID	Radiation/Nuclear Medical Countermeasure Product Development Support Services
Surgery			
Toby C. Chai, MD	\$244,794	NIH / NIDDK	Univ of Maryland Baltimore Interdisciplinary Research Center in Benign Urology
	\$190,000	NIH / NIDDK	Urinary Incontinence Treatment Network (UITN)
Michael J. Naslund, MD	\$78,226	NIH / NIDDK	Alternative Therapies for Benign Prostatic Symptoms
Richard N. Pierson III, MD	\$691,434	NIH / NIAID	Immunomodulation for Heart Allograft Tolerance
Zhongjun Wu, PhD	\$101,703	NIH / NHLBI	Linking Multiscale Dynamics of Shear-induced Blood Damage to CFD Modeling

New Non-Federal Awards

Name	Amount	Granting Agency	Grant Title
Center for Muscosal Biology			
Aldo T. Iacono, MD	\$122,276	Gilead Sciences Incorporated	A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Parallel-Group, Event-Driven Study to Evaluate the Efficacy and Safety of Ambriesentan in Subjects with Early IPF
Center for Shock, Trauma & Anesthesia Research			
Grant V. Bochicchio, MD, MPH	\$177,725	Baltimore VAMC	TeamVistA: a Medical Management Team Communication System to Enhance a Continuum of Care Across Care Team Members
Alan I. Faden, MD	\$181,189	Sanofi-Aventis	Treatment with SAR127963, an Antagonist of the p75NTR Receptor, after Moderately Severe TBI in Mice
Gary M. Fiskum, PhD	\$150,000	Paragon Bioservices	Hypoxia Tolerance Treatment for Shock and Cerebral Ischemia
	\$340,797	Geneva Foundation	Inhalation of Oxygen and Hyperventilation Early After Injury May Be Deleterious in Rattus Norvegicus with Closed-Head TBI
Bingren Hu, PhD	\$214,704	University of Miami	Mechanisms of Recovery Following Traumatic Brain Injury
Tibor Kristian, PhD	\$115,000	TEDCO	Combinatorial RNAi Strategy for Neuronal Cell Replacement in the Postischemic Brain
Center for Stem Cell Biology			
Xiaochun Chen, PhD	\$165,000	William Lawrence & Blanche Hughes Foundation	Development of Drugs that Upregulate Leukemia Tumor Suppressive microRNAs
Curt I. Civin, MD	\$266,560	Morphotek Inc.	Evaluation of CD300LF mAbs for Treatment of Acute Myeloid Leukemias (AML)
Center for Vaccine Development			
Alan S. Cross, MD	\$473,066	Evolva SA	Novel Compounds to Boost Short-Term Human Defense Resons
James E. Galen, PhD	\$100,000	Bill and Melinda Gates Foundation	Increased Stability and Immunogenicity of Bacterial Vaccines Expressing Intracellular Thermophilic Chaperones
Karen L. Kotloff, MD	\$1,068,153	Johns Hopkins University - SPH	UMB: Pneumonia Etiology Research for Child Health
Marcela Pasetti, PhD	\$166,012	Mucosis BV	Activity 2 - Immunogenicity of GEM-LcrV Formulations in Adult Mice
Center for Vascular & Inflammatory Diseases			
Jonathan S. Bromberg, MD, PhD	\$112,400	Emerald Foundation, Inc.	Lymphangiogenesis in Pancreatic Islet Autoimmunity and Alloimmunity
Dermatology			
Anthony A. Gaspari, MD	\$166,000	Colipa A.I.S.B.L.	Development of Predictive Assays for Chemical Induced Skin Allergy Based on the Use of In Vitro Human Innate Immune Responses
Diagnostic Radiology & Nuclear Medicine			
Rao P. Gullapalli, PhD	\$100,001	UMCP	S & T Developments in Energetics - II
Barton F. Lane, MD	\$116,989	Bracco Diagnostics inc.	Characterization of Focal Liver Lesions with Sonovur-Enhanced Ultrasound Imaging: A Phase III, Inpatient Comparative Study vs Unenhanced Ultrasound
Eliot L. Siegel, MD	\$103,425	Radiological Society North Am.	Internet-Based Network for Patient-Controlled Medical Image Sharing
Epidemiology & Public Health			
Renee Royak-Schaler, PhD	\$307,791	American Cancer Society (National Affiliate)	RT Following BCS in Low-Income Women: Communicating the Benefits and Risks
Eileen K. Steinberger, MD	\$652,232	MD DHMH	Minority Health and Health Disparities Project
O. Colin Stine, PhD	\$1,564,577	Bill and Malinda Gates Foundation	Metagenomics Based Discovery of New Viral and Eukaryotic Pathogens Causing Diarrheal Disease
Kerri A. Thom, MD	\$100,000	MD DHMH	Maryland ELC MDR (Multi Drug Resistant) Acinetobacter Prevalence Survey
J. Kathleen Tracy, PhD	\$115,944	Merck & Company	A Randomized, Controlled Trial to Compare the Effectiveness of SMS Text Message Reminders Compared to Usual Care to Increase Adherence to the Gardasil Vaccine Dosing Schedule
Institute for Genome Sciences			
Claire M. Fraser-Liggett, PhD	\$103,088	Children's National Medical Center	Metagenomic Evaluation of the Oral Flora of Pediatric HIV Patients
	\$161,090	Children's National Medical Center	Identification of Antigens for Anti-HIV Broadly Neutralizing Anti Responses
	\$209,981	Massachusetts General Hospital	Phase I Randomized Study to Evaluate the Safety of Lactobacillus Rhamnosus GG ATCC 53103 (LGG) in Healthy Volunteers
	\$259,053	Massachusetts General Hospital	The Effect of Influenza Vaccination and LGG vs. Placebo on the Microbiota of Healthy Elderly Subjects
David A. Rasko, PhD	\$129,157	University of Tennessee	Identification of ETEC Vaccine Targets
	\$413,637	University of Washington	E. coli Variome
Maryland Psychiatric Research Center			
Zuzana Justinova, MD, PhD	\$157,034	University of California, Irvine	Lipid Biosignatures of Drug Addiction
Robert P. Schwarcz, MD	\$150,000	Bristol-Myers Squibb Company	Validation of KAT II as a Therapeutic Target for Schizophrenia

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Neurology			
Steven J. Kittner, MD	\$156,521	University of Cincinnati	Ethnic/Racial Variation in Intracerebral Hemorrhage (ERICH)
Tapas K. Makar, PhD	\$105,800	Teva Neuroscience, Inc.	The Role of Mitochondria in Copaxone Mediated Neuroprotection: Evaluation Using A Novel Transgenic Mouse
Bradley J. Robottom, MD	\$146,496	Solvay Pharmaceuticals	Study of Levodopa-Carbidopa Intestinal Gel in Levodopa-Responsive Subjects Receiving Optimized Treatments
Robert K. Shin, MD	\$137,500	Novartis Pharmaceuticals Corp.	FTY720 Primary Progressive in Patients with Multiple Sclerosis
David Trisler, PhD	\$200,000	Abraxis BioScience, LLC	Cell Replacement Therapy for Traumatic Brain Injury, Demyelinating Diseases and Other Neurodegenerative Diseases; Cell Replacement Therapy for the NOD
Orthopaedics			
Vincent D. Pellegrini, MD	\$214,944	University of Massachusetts, Worcester	Improving Orthopaedic Outcomes Through a National TJR Registry
Pathology			
Robert H. Christenson, PhD	\$110,000	Beckman Coulter, Inc.	Laboratory Evaluation of ACCESS Immunoassay Systems AccuTnl Assay as an Aid in the Diagnosis of Myocardial Infarction
	\$333,250	Beckman Coulter, Inc.	Evaluation of the Beckman Coulter AccuTnl Assay as an Aid in the Diagnosis of Myocardial Infarction (MI)
Pediatrics			
Renee E. Fox, MD	\$112,581	Johnson&Johnson Pharmaceutical Research&Development, LLC	Johnson and Johnson Clinical Trial GERD
Richard Lichenstein, MD	\$117,760	BioCryst Pharmaceuticals, Inc.	A Phase 3, Multicenter, Randomized, Double-Blind, Controlled Study to Evaluate the Efficacy & Safety of Peramvir Administered IV in Addition to Standard of Care Compared to Standard of Care Alone in Subjects who are Hospitalized Due to Influenza
Ligia Peralta, MD	\$147,111	Westat Incorporated	ATN 096: Identifying Undiagnosed Asymptomatic HIV infection in Hispanic/Latino Adolescents and Young Adults
Pharmacology & Experimental Therapeutics			
Angela H. Brodie, PhD	\$250,000	Susan G. Komen Breast Cancer Fnd/MD	Overcoming Resistance To Aromatase Inhibitors
Gauri J. Sabnis, PhD	\$149,999	Susan Komen Breast Cancer Fnd/MD	Combination of Histone Deacetylase Inhibitor Entinostat and Aromatase Inhibitor Letrozole in ER-Negative Breast Cancer Metastasis Model
Physiology			
Robert J. Bloch, PhD	\$137,161	Jain Foundation	Analyzing the Role of Dysferlin in Myogenesis and Sarcolemmal Repair In Vivo
Program in Oncology			
Maria R. Baer, MD	\$200,000	Leukemia and Lymphoma Society	Targeting Pim-1 Kinase to Overcome Drug Resistance in AML
Aaron P. Rapoport, MD	\$200,100	Gliknik	GCC 0955: Phase II Combination Immunotherapy after ASCT for Advanced Myeloma to Study MAGE-A3 Immunizations with Hiltonol (Poly-ICLC) Plus Transfer of Vaccine-Primed Autologous T Cells Followed by Lenalidomide Maintenance
Psychiatry			
Wai-Ying Chow, PhD	\$203,587	Maryland Department of Human Resources	Maryland CANS Implementation (Algorithm Project)
Seth S. Himelhoch, MD, MPH	\$222,000	Hospital of the University of Pennsylvania	PS07-005 Multi-Site Rapid HIV Testing in Urban Community Mental Health Settings
Surgery			
Agnes M. Azimzadeh, PhD	\$145,655	Gliknik	Translational Development at UMB of Gliknik Drug Candidate GL-2045
James S. Gammie, MD	\$200,000	Maryland Biotechnology Center	Transapical Mitral Valve Repair
Richard N. Pierson III, MD	\$664,740	University of Pittsburgh	Genetically-Engineered Pig Organ Transplantation into Non-Human Primates



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