

Stimulus Grants in the 28th Congressional District

Institution	Federal Agency	Amount	Purpose
University of Rochester	NIH	\$346,500	Transcription Factor Analysis in a Congenital Diaphragmatic Hernia Model
	NIH	\$79,212	B-Cell Tolerance Mechanisms in Human SLE
	NIH	\$99,999	Visual Learning
	NIH	\$274,894	Reorganization of Visual Functions After Early Deafness
	NIH	\$151,884	Taste, Smell and Feeding Behavior in Autism: A Quantitative Traits Study
	NIH	\$250,108	Transcriptionally Silent Chromatin Domains in Yeast
	NIH	\$238,014	A Role for Mena in the Heart
	NIH	\$211,750	Role of Pin-Domain Toxins in Mycobacterium Tuberculosis Pathogenesis
	NIH	\$163,094	Auditory Processing of Complex Sounds
	NIH	\$54,000	Building Knowledge and Skills in Prevention Implementers
	NIH	\$31,556	Lambda Phage as a Scaffold For influenza Immunization
	NIH	\$466,471	Transmission-Blocking Vaccine for HIV-1
	NIH	\$417,839	IVUS Detection of Rupture Prone Plaques
	NIH	\$9,657	Community Partnership for Breastfeeding Promotion and Support: Creating System
	NIH	\$20,651	Vestibulo-Spinal Influences on Reflex Performance
	NIH	\$6,608	Monoclonal Antibodies for the Study of P. Carinii
	NIH	\$31,521	Ultrasound Technologies for Tissue Engineering
	NIH	\$104,464	Low-Coordinate Synthetic Models for Nitrogenase Activity
	NIH	\$144,284	Synaptic Mechanisms of Vestibular Efferent Responses
	NIH	\$379,279	Molecular Patterning of Mammalian Dentition
	NIH	\$237,695	Receptor Tyrosine Kinases in Mechanotransduction
	NIH	\$384,792	Mutant Huntingtin Compromises Mitochondrial Function
	NIH	\$700,000	Data Coordination and Biostatistics Center for the Nordic Network
	NIH	\$235,048	LFA-1 in Lymphocyte Migration
	NIH	\$192,829	Synthetic Genetic Analysis of the RAM Networks in C.Albicans
	NIH	\$259,562	Combinational Regulation of Inflammation in Otitis Media
	NIH	\$319,550	Epigenetic Tumor Induction by Heterochromatin Instability
	NIH	\$49,742	Molecular Biology of Cochlear Efferent Receptors
	NIH	\$12,101	Regulation of Heme Oxygenase-1 by Biliverdin Reductase
	NIH	\$267,989	Problem-Based Learning for Drug Abuse and Addiction Education

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NIH	\$77,000	Ataxia Telangiectasia in the CNS - Cause and Effect
NIH	\$71,060	Mechanisms of Monolayer Migration
NIH	\$499,723	HIV Risk Behavior of Adult Minority Heterosexual Men in New York City
NIH	\$261,365	The Role of Platelets in Alloantibody Mediated Transplant Rejection
NIH	\$744,313	Human Immunology Center at the University of Rochester
NIH	\$143,850	The Role of Astrocytes in Ischemic Stroke
NIH	\$180,061	Central Neuronal Activity in Vestibular Compensation
NIH	\$337,241	Neuroinflammation and Glial ROS in Methamphetamine Neurotoxicity
NIH	\$6,608	Initiation of Mammalian Embryonic Hematopoiesis
NIH	\$128,300	Are NCLS Atypical in Latin America? Phenotypic and Genotypic Analysis
NIH	\$228,300	Proteomics of Auditory Brainstem Circuitry During Development and in Deafness
NIH	\$13,195	Cell Specific responses to TNF-Alpha in Lung Fibrosis
NIH	\$29,568	Astrocytes, HIF-1A and Neuronal Survival Suring Stroke
NIH	\$8,932	Role of Non-Classical MHC Class I and HSPS in Immunity
NIH	\$8,932	A Xenopus Laevis Research Resource for Immunobiology
NIH	\$76,959	Involvement of Nonclassical MHC in Early T Cell Ontogeny in Xenopus
NIH	\$192,500	Epidemic Typhus Pathogenesis
NIH	\$384,595	A Model System for the Study of Human B-Cell Tolerance
NIH	\$17,610	Mitichondrial CA2+ Transport in Heart Cells
NIH	\$20,288	Modulation of Silica-induced Pulmonary Fibrosis
NIH	\$199,861	Modulation of Silica-induced Pulmonary Fibrosis
NIH	\$20,618	Role of Aryl Hydrocarbon Receptor in Lung Inflammation
NIH	\$157,850	Extracellular Matrix Remodeling During Aging
NIH	\$192,500	Assembly of Influenza A Viruses
NIH	\$230,750	Gene Environment Interactions in Parkinson's Disease
NIH	\$499,939	URMC Equipment Procurement for an EABSL3 Facility for Small Animal Investigations
NIH	\$154,000	Regulation of Inflammation by EGFR in Otitis Media
NIH	\$385,489	Customized Contact Lenses
NSF	\$300,000	Polymer Networks Containing Reversibly Associating Side-Groups
NSF	\$286,895	Collaborative Research: Studying Language Production in the Field: Accessibility Effect on Variation
NSF	\$300,000	Polymer Networks Containing Reversibly Associating Side-Groups
NSF	\$425,000	CAREER: Theory of Feedback and Entanglement with Continuous Quantum Measurement in the Solid State

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	NSF	\$399,600	CAREER: Efficient Image Sparsifying Operators: Theory, Algorithms and Applications
	NSF	\$97,654	Collaborative Research: Bayesian Cue Integration in Probability-Sensitive Language Processing
	NSF	\$784,436	Interaction of the Xenopus Immune System with an Emerging Ranavirus Pathogen
	NSF	\$678,000	CAREER: Ultrafast Vibrational Dynamics Probed by Femtosecond Stimulated Raman Spectroscopy
	NSF	\$279,643	Acquisition of A Matrix-Assisted Laser Desorption/Ionization Time of Flight (MALDI-TOF) Mass Spectrometer
	NSF	\$280,000	Surface Crystallization to Optimize Nanostructure of Proton Conductors in Hydrogen Membrane Fuel Cells
	NSF	\$460,581	Collaborative Research: Layers of adaptive radiation in Anolis lizards: Investigation of previously unexplored ecological and taxonomic diversity
	NSF	\$465,608	Energy Transfer in Collisionless Astrophysical Plasmas
	NSF	\$325,683	Few Level Models in Atomic Radiation Theory
	NSF	\$289,134	The dynamics of disk clearing, late stage planetesimal disk and planetary system evolution
University of Rochester Total		\$16,784,734	
Rochester General Hospital	NIH	\$68,800	NTHI Immunity in Young Children
	NIH	\$309,776	NTHI Immunity in Young Children
Rochester General Hospital		\$378,576	
Roswell Park Cancer Institute	NIH	\$208,350	Dietary Supplement Selenium and HIF-1Alpha Regulation in Cancer
	NIH	\$356,346	Targeting the Proteasome to Overcome Therapy Resistance in B-NHL
	NIH	\$321,845	Role of Estrogen Receptor Alpha-P53 Interaction in Resistance to Tamoxifen Therapy
	NIH	\$397,991	Inflammatory Control of Lymphocyte Trafficking
	NIH	\$386,285	Vitamin D Analogs for Chemoprevention of Prostate Cancer
	NIH	\$145,399	Ses, Race, and Patterns of Health Care Navigation of Parents of Pediatric Cancer

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	NIH	\$383,842	Requirements for Normal RB Function In Vivo
	NIH	\$297,488	ST6GAL-1 Sialyltransferase in Allergic Airway Inflammation
	NIH	\$335,208	PDEF and Survivin: Cancer Prognosis, Initiation, Progression and Metastasis
	NIH	\$491,634	Innate and Adaptive Immune Response to Bacterial Infections in COPD Patients
	NIH	\$249,875	Innate and Adaptive Immune Response at the Respiratory Mucosa
Roswell Park Cancer Institute		\$3,574,263	
Hauptman-Woodward Medical Research Institute	NIH	\$104,391	Structural Studies of AIDS-Responsive Drugs
Hauptman-Woodward Medical Research Institute		\$104,391	
Total Grants to the 28th Congressional District		\$20,841,964	