

2010
Virginia Commonwealth University
Presidential Research Incentive Program awardees

Antonio Abbate

Department of Internal Medicine (Division of Cardiology)
Anakinra to prevent adverse cardiac remodeling following acute myocardial infarction

Jayasimha Atulasimha

Department of Mechanical Engineering
Non-contact fluid injection system for medical and flow control applications

Kirk Warren Brown

Department of Psychology
Psychological and genetic predictors of immune responses to stress

Jason Carlyon

Department of Microbiology and Immunology
Identification of novel vaccine targets for protection against scrub typhus

Richard Costanzo

Department of Physiology and Biophysics
Optimizing olfactory grafts

Kimberly Jefferson

Department of Microbiology and Immunology
Crosstalk between Lactobacilli and innate host defenses: role in vaginal health

Masoud Manjili

Department of Microbiology and Immunology
Identification of pathways involved in recurrence of breast cancer following initial treatment

Mike McCollum

Department of Electrical and Computer Engineering
Development and implementation of a low-cost portable telemedicine system

Stephen McIninch

Center for Environmental Studies
Spawning and habitat use of Atlantic sturgeon on a recently developed artificial reef structure in the James River, Virginia

Brian McMahon

Department of Rehabilitation Counseling
Industry-specific profiles of workplace discrimination under the Americans with Disabilities Act

Edward Millner

Department of Economics
An experimental investigation of altruistic behavior

Daniel Riddle

Department of Physical Therapy
Body weight changes following knee arthroplasty: a longitudinal comparative study

Maria Rivera

Department of Biology
Patterns of soil microbial biodiversity across Hog Island, a Virginia barrier island

David Simpson

Department of Anatomy and Neurobiology
Fabrication of precision growth factor gradients

Sandra Welch

Department of Pharmacology and Toxicology
Modulation of opioid analgesia in pain-stimulated and pain-depressed behavior

Ping Xu

Philips Institute of Oral and Craniofacial
Molecular Biology
Systematic biofilm gene identification in streptococcus sanguinis

Yaoying Xu

Department of Special Education and Disability Policy
Examining the effects of classwide peer tutoring on social and language skills of young English language learners

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2010
Virginia Commonwealth University

Presidential Research Incentive Program awardees, *cont.*

Alen Docef

Department of Electrical and Computer Engineering

Yuichi Motai

Department of Electrical and Computer Engineering

Distributed colonoscopy databases in cloud computing with dynamic cancer classification

Bryce McLeod

Department of Psychology

Kevin Sutherland

Department of Special Education and Disability Policy

Development and validation of treatment integrity measures for school-based interventions

Joshua Eckhardt

Department of English

Sarah Hand Meacham

Department of History

British Virginia

Martin Safo

Department of Medicinal Chemistry

Jurgen Venitz

Department of Pharmaceutics

Concentration- and time-dependent PK/PD of allosteric hemoglobin effectors: effects on in-vitro oxygen affinity in human blood

Tai Guo

Department of Pharmacology and Toxicology

Shijun Zhang

Department of Medicinal Chemistry

Development of dual inhibitors of the Raf/MEK/ERK and the P13K/Akt pathways to potential anticancer agents