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Virginia Commonwealth University Presidential Research Quest Fund

Salvatore Agosta
Center for Environmental Studies
It's getting warmer: Testing the generality of oxygen-limited thermal tolerance across life stages and populations in terrestrial organisms with complex life cycles

Indika Arachchige
Department of Chemistry
Direct-gap group IV alloy nanocrystals as cheap and efficient materials for optoelectronic applications

Kenneth Daniels
Department of Finance, Insurance and Real Estate

Jayaraman Vijayakumar
Department of Accounting

An empirical analysis of the causes and consequences of municipal bond defaults

Heather Dawson
Department of Foundations of Education
Teachers' dialogical selves, motivation and beliefs in the context of neoliberal education reforms

Nicholas Farrell
Department of Chemistry
Caspases and zinc: The bioinorganic chemistry of apoptosis

Tony Gentry
Department of Occupational Therapy
Sensor-augmented sleep hygiene training for adults with autism

Wendy Kliewer
Department of Psychology

Jo Lynne Robins
Department of Family and Community Health Nursing

Project HEART: Health and resilience in teens

Janina Lewis
Philips Institute of Oral and Craniofacial Molecular Biology
Global regulation of gene expression by OxyR in periodontopathogen Porphyromonas gingivalis

Rory McQuiston
Department of Anatomy and Neurobiology
Neural networks contributing to central nervous system rhythms

Umit Ozgur
Department of Electrical and Computer Engineering

Vitaliy Avrutin
Department of Electrical and Computer Engineering

Coherent acoustic phonon nanocavity devices for terahertz spectroscopy and structural and biomedical imaging at the nanoscale

Ryan Patton
Department of Art Education
Learning from digital game design

Roland Pittman
Department of Physiology and Biophysics
Matching oxygen supply and oxygen demand

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Department of Pharmaceutics
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Laura Sim-Selley
Department of Pharmacology and Toxicology
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John Speich
Department of Mechanical and Nuclear Engineering

Adam Klausner
Department of Surgery

Mechanical urgency: Correlation of novel bladder wall compliance measurements with patient-reported sensations during urodynamics

Arunkumar Subramanian
Department of Mechanical and Nuclear Engineering

James McLeskey
Department of Mechanical and Nuclear Engineering

Electrohydrodynamics-based nanorobotic printing

Traci Wike
School of Social Work
Determining the role of protective factors in interrupting the developmental trajectories of bullying and victimization in late childhood

Diana Woodcock
VCU School of the Arts in Qatar Liberal Arts and Sciences program
Poetry's role in promoting environmental justice