

VCU Accelerate projects and recipients listed by primary ONE VCU Research initiative

Enriching the Human Experience

“Engaging Parents in After-School STEM Projects”

Yaoying Xu, Ph.D., School of Education; Katherine Dabney, Ph.D., School of Education; Moe Greene, Ph.D., School of Education

“Planning Grant To Found the VCU Center for Arts And Humanities in Health Care”

Aaron Anderson, Ph.D., School of the Arts; Christiana Lafazani, School of the Arts; Cristina Stanciu, Ph.D., College of Humanities and Sciences

Achieving a Just and Equitable Society

“Career Pathways for Minority Underrepresented Adult Learners in Computing (CAREPATH MURAL)”

Katherine Hansen, School of Education; David Shepherd, Ph.D., College of Engineering

“Promoting Student Engagement in Anti-Racist Activities: Evaluation of CSIJ 200”

Nao Hagiwara, Ph.D., College of Humanities and Sciences; Mignon Guy, Ph.D., College of Humanities and Sciences

Optimizing Health

“Discovering Treatment Targets in the Lung-Brain Inflammatory Axis in a Pre-Clinical Model of Acute Lung Injury”

Rebecca Heise, Ph.D., College of Engineering; Dong Sun, M.D., Ph.D., College of Engineering

“Energy Transduction in Type IV Pilus Biogenesis”

Michael Donnenberg, M.D., School of Medicine; Montserrat Samsó, Ph.D., School of Medicine

“Exploring New Biological Targets To Combat Psychostimulant Use Disorder”

Jose Eltit, Ph.D., School of Medicine; Matthew Banks, Ph.D., School of Medicine

“Sphingosine Kinase 2 in Sexual Dimorphism of Hepatocellular Carcinoma”

Christopher Green, Ph.D., School of Medicine; Mikhail Dozmorov, Ph.D., School of Medicine; Sarah Spiegel, Ph.D., School of Medicine

Supporting Sustainable Energy and Environments

“Experiments and Modeling of the Immune Response and Energy Dynamics in Corals”

Nastassja Lewinski, Ph.D., College of Engineering; Angela Reynolds, Ph.D., College of Humanities and Sciences; Rebecca Segal, Ph.D., College of Humanities and Sciences

“Multi-Objective Optimization of Inlet Nozzle Design Using Artificial Intelligence for Single Tank Thermal Energy Storage”

Lane Carasik, Ph.D., College of Engineering; Alberto Cano, Ph.D., College of Engineering

“Seeking Sustainability in a High-Risk Environment: Cultural Niche Construction on El Hierro, Canary Islands, Spain”

Christopher Stevenson, Ph.D., College of Humanities and Sciences; Amy Rector, Ph.D., College of Humanities and Sciences; Mar Góngora Davis, Ph.D., College of Humanities and Sciences