

2025 Global Incubator Seed Grant Recipients

Africa



WashU PI: Usheer Kanjee, Molecular Microbiology, WashU Medicine
Collaborating with University of Ghana
Investigating the Red Blood Cell Invasion Determinants of Neglected Malaria Parasites
Focus Areas: Public Health & Medical Research



WashU PI: Mary McKay, Brown School
Collaborating with Makerere University, Uganda
The Intersection of Climate Change and IPV among Young Women Living with HIV in Uganda
Focus Areas: Environmental Research & Public Health

Asia

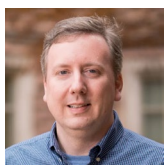


WashU PI: Bhooma R. Aravamuthan, Neurology, WashU Medicine
Collaborating with IISER Tirupati, India
Understanding Traumatic Brain Injury through Hypoxia and Hyperoxia Mouse Model
Focus Area: Medical Research



WashU PI: Sang-Hoon Bae, Mechanical Engineering & Materials Science, McKelvey School of Engineering
Collaborating with Seoul National University, South Korea
Redefining Perovskites: Single-Crystal Growth under Vacuum for Breakthrough Energy Devices
Focus Area: Environmental Research

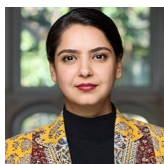
Europe & Middle East



WashU PI: Jeffrey G. Catalano, Earth, Environmental, and Planetary Sciences, Arts & Sciences
Collaborating with École Polytechnique Fédérale de Lausanne, Switzerland
Tunable Clays for Enhanced Lithium Recovery and Contaminant Sequestration
Focus Area: Environmental Research



WashU PI: Silvia Jansen, Cell Biology & Physiology, WashU Medicine
Collaborating with University of Warwick, UK
Leveraging Actin Methylation by SETD2 to Treat Clear Cell Renal Carcinoma
Focus Area: Medical Research



WashU PI: Mitra Naseh, Brown School
Collaborating with Koç University, Türkiye
Adapting and Enhancing Self-Help Plus for Afghan Refugee Women in Türkiye
Focus Areas: Public Health & Local-to-Global Connections

South America



WashU PI: Rodrigo Reis, School of Public Health
Collaborating with Universidade Estadual de Londrina, Brazil
Applying Artificial Intelligence to Assess Spatial Inequities in the Global South
Focus Areas: Digital Transformation & Public Health

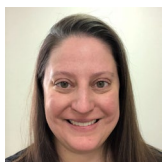


WashU PI: Joshua Yuan, Energy, Environmental & Chemical Engineering, McKelvey School of Engineering
Collaborating with University of São Paulo, Brazil
Electrochemical Depolymerization of Lignin for Cost-effective Bioproduction
Focus Area: Environmental Research

North America



WashU PI: Bo Li, Statistics and Data Science, Arts & Sciences
Collaborating with University of Toronto, Canada
Quantifying Joint Health Effects of Extreme Heat and Wildfire Smoke on Older Adults using Statistical and Machine Learning Approaches
Focus Areas: Public Health & Environmental Research



WashU PI: Amber Stratman, Cell Biology & Physiology, WashU Medicine
Collaborating with University of Manitoba, Canada
Investigating the Fidelity of Meiosis in Non-Mendelian Inheritance Models
Focus Areas: Medical Research & Local-to-Global Connections