

2025 Global Incubator Seed Grant Recipients

Africa

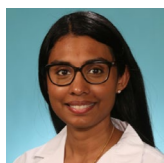


WashU PI: **Usheer Kanjee**, Molecular Microbiology, WashU Medicine
Collaborating with **University of Ghana**
Investigating the Red Blood Cell Invasion Determinants of Neglected Malaria Parasites
Focus Areas: Public Health & Medical Research



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

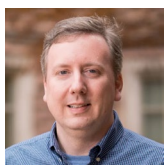


WashU PI: **Bhooma R. Aravamuthan**, Neurology, WashU Medicine
Collaborating with **IISER Tirupati, India**
Understanding Traumatic Brain Injury through Hypoxia and Hyperoxia Mouse Model
Focus Area: Medical Research



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

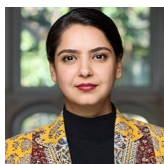
Europe & Middle East



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

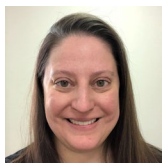


WashU PI: **Joshua Yuan**, Energy, Environmental & Chemical Engineering, McKelvey School of Engineering
Collaborating with **University of São Paulo, Brazil**
Electrochemical Depolymerization of Lignin for Cost-effective Bioproduction
Focus Area: Environmental Research

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