Washington University to Become a National Training Centers for Heart, Lung, Blood and Sleep Implementation Science Researchers

Washington University’s Mario Castro, MD, MPH, the Edith and Alan Wolff Professor of Pulmonary and Critical Care Medicine, is set to receive a five-year career development award from the National Institutes of Health that will help transform the future dissemination and implementation (D&I) research workforce to enable Heart, Lung, Blood, Sleep (HLBS) preventive and treatment strategies to be implemented in community and clinical settings.

Unfortunately, discoveries made in biomedical research often fail in “real world” practice. For example, even though asthma guidelines have been shown to be efficient and effective, recent studies demonstrate that these guidelines are not being utilized in clinical practice. Castro, along with Associate Directors Ross Brownson and Enola Proctor, both recognized internationally for their D&I research, strive to bridge this gap, by bringing the latest HLBS research into “real world” practice through this new program, Mentored Training in Implementation Science (MTIS).

“Our hope is to train the future leaders in bringing the latest D&I research in heart, lung, blood and sleep disorders to the bedside in a much more efficient and effective manner and to the community by providing useful guidance for clinicians and better care for patients,” said Castro. Brownson adds, “This program is one of the first of its kind and will help us in building critical capacity for addressing some of the most important health conditions facing our country and the world.”

The MTIS, which will start enrolling scholars in the fall of 2018, is expected to draw up to eight promising HLBS scholars from across the country. The scholars will receive a combination of tailored coursework, mentored training in community and clinical settings, and dedicated salary and research support funds over a 2-3 year period.

The program will also complement the rich D&I infrastructure already in place at Washington University. According to Proctor, “MTIS will provide uniquely in-depth training, research, and salary support for investigators who are moving into later stage translational research for heart, lung, blood and sleep disorders. This program is an important and welcome addition to Washington University’s strong implementation and dissemination research resources.” These resources include: ICTS’s Dissemination and Implementation Research Core (DIRC), the WUNDB group supported by the Institute of Public Health’s Center for Dissemination and Implementation, and NHMH and NCI supported D&I training programs.

In the coming months, the Directors will continue to build their strong team of nationally renowned HLBS experts as well as begin recruitment in November 2017 for the first cohort of scholars.

For more information, contact the Clinical Research Training Center: https://crtc.wustl.edu

Scholar/Alumni Spotlight: Dr. Rick Stein and Daniel Sheinbein

Total Eclipse 2017

CRTC Highlights

Baby Announcements

TLI Postdoctoral Positions Currently Available

The CRTC is recruiting postdocs for the TLI Translational Sciences Postdoctoral Program (TSPP). The purpose of this program is to demystify the processes of commercialization of new technology/ translational discoveries by learning how to move projects to the next stage of commercialization and how to establish value-creating milestones, costs, and timelines. Applicants are encouraged to apply under one of three main areas of focus: Entrepreneurship, Research Innovation and Technology Transfer, or Dissemination and Implementation. The scope of the TLI program is translational science from bench-to-bedside and bedside-to-bench research. The TSPP has the broad ability to include research projects in late-stage preclinical, first-in-human, clinical, translational, patient-oriented research, population health and community engagement, and biomedical informatics.

For questions and application materials, contact Aida Kalkan, TLI Project Manager at adasakalian@wustl.edu or visit crtc.wustl.edu/TLIpostdoc.
Total Eclipse 2017

Monday, August 21, 2017 marked the date of a Total Solar Eclipse that was seen coast to coast across North America. Staff members of the CRTC attended the Eclipse Watch and Lunch Party, held in the GMS Classrooms of the Taylor Avenue Building. Protective glasses were provided as well. The Eclipse was set to occur in St. Louis from 1:16-1:19 pm. A large group gathered outside of the BJCIH building, watching the sky go dark and listening to the crickets and cicadas humming. The next total solar eclipse in Missouri will take place on April 8, 2024.