

Melissa R. Arbuckle, MD, PhD



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Recent Research Funding:

PCS-11403-14531:
Patient Centered Outcomes Research Institute. PI: *Early Supported Discharge for Improving Functional Outcomes After Stroke* (6/01/2015-5/31/2020).

NIA R01AG045551 REHAB-HF: Co-PI: *A Trial of Rehabilitation Therapy in Older Acute Health Failure Patients* (7/01/2014-6/30/2019).

Ministry of Health, Singapore: Co-PI: *Health Services Competitive Research Grant* (9/30/2002-5/31/2018).

Patient-Centered Outcomes Research Institute: Co-PI: *Comparative Effectiveness of rehabilitation services following an acute ischemic stroke* (1/1/13-12/32/15).

Patient-Centered Outcomes Research Institute: Co-PI: *Randomized Trial of a Multifactorial Fall Injury Prevention Strategy* (3/1/14-2/28/19).

Melissa R. Arbuckle, MD, PhD is Co-Director of Resident Education in the Department of Psychiatry at Columbia. Dr. Arbuckle's interests focus on the role of medical education in advancing the translation of research into the practice of psychiatry. While advances in neuroscience are rapidly reshaping our understanding of mental illness, much work remains to transform these findings into better approaches to psychiatric diagnosis, therapeutics and prevention. Dr. Arbuckle's interest in medical education and translational research cuts across both T1 (bridging basic and patient-oriented research) and T2 research (bridging patient-oriented and population-based research).

Dr. Arbuckle is the Training Director for Columbia's NIH funded R25 Research Track. This program, "Priming the Pump: Training Physician-Scientists in Translational Neuroscience", aims to support the development of physician-scientists who are dedicated to translational (T1) research in psychiatry. As part of her effort to expand the translation of basic neuroscience to clinical practice, Dr. Arbuckle is also co-chair of the National Neuroscience Curriculum Initiative (NNCI). The goal of the NNCI is to create, pilot and disseminate a comprehensive set of shared resources to help train psychiatrists to integrate a modern neuroscience perspective into their clinical work. Developing a psychiatrist workforce with a strong neuroscience background will be critical in the ultimate translation of basic neuroscience to the field.

In bridging patient-oriented and population-based research, Dr. Arbuckle has been extensively involved in developing Quality Improvement (QI) training programs for residents in psychiatry.

Dr. Arbuckle's QI curriculum has been presented at numerous national academic meetings including the Association of American Medical Colleges annual Integrating Quality Meeting. In addition, her curriculum has been selected by the Association of Directors of Psychiatric Residency Training as a "model curriculum" for training psychiatric residents in QI. In 2014, Dr. Arbuckle received the inaugural American Board of Psychiatry and Neurology (ABPN) Innovation in Education Award. Through this two year grant, she is linking QI strategies to Continuing Medical Education in order to try to enhance uptake of evidence based practices among psychiatrists in the field. In addition, Dr. Arbuckle is the Training Director for Columbia's NIH funded T32 Research Fellowship in Global Mental Health. This program is focused on training fellows in implementation and dissemination research in order to identify and develop models for effective mental health care delivery in low and middle income countries.