This is the first year that Frontiers: University of Kansas Clinical and Translational Science Institute has had the privilege of having an entire edition of the Kansas Journal of Medicine – a terrific academic, open-access publication – dedicated solely to Frontiers research. We are also excited to have this Frontiers-focused issue published to coincide with our annual Frontiers Research Day, which aims to highlight the translational research being done throughout the region and to facilitate interdisciplinary collaborations.

Every abstract, commentary and paper in this volume was facilitated by Frontiers and truly showcases the breadth of support the CTSI provides across the translational research spectrum. Contributors in this issue range from pre-doctoral TL1 trainee scholars to administrative staff to senior investigators from not only the University of Kansas Medical Center, but also from the University of Kansas – Lawrence, the University of Kansas School of Medicine – Wichita, the University of Missouri – Kansas City and Children’s Mercy - Kansas City.

Frontiers is part of a national network of medical research institutions working together to speed the research process from scientific discovery to patient care. We are supported by a five-year, $25 million grant from the National Center for Advancing Translational Sciences (NCATS) of the National Institutes of Health (NIH). Frontiers provides support to investigators and their teams across the spectrum of translational research, from animal health studies to community-based and population health outcomes research. We would like to express our appreciation to Dr. James Kallail for making this Frontiers’ issue of the Kansas Journal of Medicine possible.

Guest Editors:

Richard J. Barohn, M.D.
Director, Frontiers: University of Kansas Clinical and Translational Science Institute
Vice Chancellor for Research
Gertrude and Dewey Ziegler Professor
University Distinguished Professor, Department of Neurology
University of Kansas Medical Center

William M. Brooks, Ph.D.
Associate Director, Frontiers: University of Kansas Clinical and Translational Science Institute
Co-Director of Team Science, Frontiers: University of Kansas Clinical and Translational Science Institute
Director, Hoglund Biomedical Imaging Center
Professor, Department of Neurology
University of Kansas Medical Center

Kim S. Kimminau, Ph.D.
Associate Director, Frontiers: University of Kansas Clinical and Translational Science Institute
Co-Director of Team Science, Frontiers: University of Kansas Clinical and Translational Science Institute
Professor, Family Medicine Research
University of Kansas Medical Center

Marion During, M.A.
Communication Specialist, Frontiers: University of Kansas Clinical and Translational Science Institute
University of Kansas Medical Center