Imaging Science Seminar

Contemporary concepts, applications, and challenges of contrast-enhanced microstructural MRI

Kevin Bennett
Mallinckrodt Institute of Radiology
Washington University in St. Louis

Abstract. This presentation will provide an overview of the basis for microstructural tissue imaging by MRI using passive and targeted contrast agents. It will also provide concepts on the fundamentals in contrast agent development, including new ideas on how to improve sensitivity for molecular imaging. Finally, it will cover modern applications of microstructural molecular imaging and an overview of challenges in bringing these new tools to the clinic.

Time: 8:30-9:30 a.m.
Date: Friday, October 25, 2019
Room: 0120 Green Hall

Biography: Kevin Bennett, PhD, is an Associate Professor in the Department of Radiology at WashU. His lab is focused on microstructural imaging and in vivo measurements of physiology and contrast agent development.