

## 2022 MRN-UNM Science Seminar

FRIDAY • MAY 13 • 3-4 PM

# MRN Large Conference Room • In-Person & Zoom Neuroimaging & Quantitative MRI in Multiple Sclerosis



**Guest Speaker:**

Dr. Rohit Bakshi,  
Harvard Medical School

**Faculty Host:**

Dr. Corey Ford

**Event Contact:**

Faith Brandt, BBHI  
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**Rohit Bakshi, M.D., M.A.**

Jack, Sadie and David Breakstone Professor of Neurology and Radiology,  
Brigham and Women's Hospital, Harvard Medical School  
Director, Laboratory for Neuroimaging Research  
Senior Neurologist, Brigham Multiple Sclerosis Center

Dr. Bakshi has built a research program involving quantitative MRI in multiple sclerosis. He will provide an update on the role of neuroimaging in MS that will range from basic to advanced concepts. Dr. Bakshi will discuss the role of MRI in diagnosing the disease, along with brain and spinal cord findings, differential diagnosis, and mimics. He will cover the use of MRI to quantify longitudinal brain atrophy, including technical issues and clinical relevance. He will present emerging uses of neuroimaging in MS with 7T MRI and TSPO-PET imaging. This latter discussion will include a consideration of gray matter demyelinating lesions, microglial activation, functional connectivity, leptomeningeal involvement, and links between advanced MRI data and neuroimmunology.

Zoom: <https://hsc-unm.zoom.us/j/98348614021> • Passcode: brain