

Matt A. Bernstein, Ph.D.



ABMP BoD Member
(representing ISMRM)

Matt A. Bernstein received his Ph.D. from the University of Wisconsin-Madison in Theoretical Nuclear Physics in 1985. Since then, he has accumulated over 30 years of experience in the field of Magnetic Resonance. After a post-doctoral fellowship at Madison WI, he spent 11 years working in industry, focusing on R&D at GE's Applied Science Laboratory. Since 1998, Dr. Bernstein has worked as a medical physicist in the Department of Radiology at Mayo Clinic, and has been ABMP-certified since 2004. He holds the academic rank of Professor Medical Physics, and appointments in the Department of Radiology and the Department of Physiology and Biomedical Engineering.

Dr. Bernstein has published 120 peer-reviewed articles, 200 abstracts, 5 book chapters, and has been granted 35 U.S. patents. He has co-authored two books: *Handbook of MRI Pulse Sequences*, and *Thinking about Equations, A Practical Guide for Developing Mathematical Intuition in the Physical Sciences and Engineering*. Currently he is serving a co-Principal Investigator on an NIH-funded Bioengineering Research Partnership to develop a Compact 3T MRI scanner. He serves on the Board of Trustees of the International Society for Magnetic Resonance in Medicine (ISMRM), and was named a Fellow of that Society in 2009. Since 2011, Bernstein has served as Editor-in-Chief of the journal *Magnetic Resonance in Medicine*. In 2016, he was named a Distinguished Investigator of the Academy of Academic Research.