

## **Kanal ISMRM 2015**

### **“Planning an MR Suite: What can be done to increase safety?”**

There are many hardware and site modifications that can be undertaken to increase safety in the MR environment. These can assist with processes as varied as site access restriction to patient screening to fire code safety issues. An often ignored or downplayed methodology for increasing safety in the MR environment, however, is that of establishing an organizational structure of *personnel* who are appropriately educated and delegated towards overseeing various tasks related to ensuring safety in the MR environment. The recent adoption of the positions/titles of Magnetic Resonance Medical Director, MR Safety Officer, and MR Safety Expert helps to establish a standardized team approach to MR safety responsibilities and liabilities. The roles and responsibilities for each of these positions will be elaborated upon in this presentation. The recent creation of the American Board of MR Safety, its published MR safety examination syllabus, and its standardized testing process to certify the individuals overseeing safety in MR environments will also be introduced. Together, these will, for the first time, help establish uniform standards regarding the personnel responsible for ensuring safety in clinical and research MR environments.