

Katherine P. Andriole, PhD

Dr. Katherine P. Andriole is an Associate Professor of Radiology at Harvard Medical School, Brigham and Women's Hospital and the Director of Research Strategy and Operations at the MGH & BWH Center for Clinical Data Science (CCDS) (www.ccds.io). She studied Biomedical Engineering, and Electrical Engineering and Medicine at Duke University and Yale University, respectively, and did postdoctoral fellowships at the University of California at Los Angeles, and the University of California at San Francisco (UCSF) Departments of Radiology.

At UCSF, Dr. Andriole was instrumental in designing, building and implementing picture archiving and communication systems (PACS) before they became commercial entities. Her research has involved technical as well as clinically-relevant developments in medical informatics, image analysis, business analytics, and machine learning.

Dr. Andriole has developed and taught several formal courses, directed fellowships in biomedical imaging and informatics, and mentored more than 75 trainees. She has served in multiple leadership roles for the Society of Imaging Informatics in Medicine (SIIM), currently serves on the Radiological Society of North America (RSNA) Radiology Informatics Committee and the RSNA Machine Learning Steering Committee, and is the Senior Scientist for Education at the American College of Radiology (ACR) Data Science Institute. She is an Associate Editor of the *Journal of Medical Imaging and Radiology: Artificial Intelligence*. Dr. Andriole has been elected a member of the Academy of Harvard Medical School, inducted into the College of SIIM Fellows, and named Third and Second Vice President of the RSNA for 2015 and 2018 respectively. She has received the RSNA Honored Educator Award and the inaugural RADxx Trailblazer Award recognizing a pioneering woman leader in Imaging Informatics.