

Masters of Radiology Panel Members



Howard P. Forman

Howard P. Forman is a health services researcher focusing on diagnostic radiology, health policy, and health care leadership. His most recent publications address teleradiology, international outsourcing, the incentives that medical students respond to in choosing a specialty, and ensuring quality in imaging services. Forman teaches health care policy in the Yale School of Public Health and Healthcare Economics in Yale College. He is the faculty founder and director of the Yale MD/MBA program and codirector of the School of Management's MBA for Executives program. As a practicing emergency/trauma radiologist, he is involved in patient care and issues related to financial administration, health care compliance, and contracting. He has worked in the U.S. Senate, as a legislative fellow, on Medicare legislation. Forman also serves as treasurer of the American Roentgen Ray Society and is Section Editor for Health Care Policy and Quality for the *AJR*.



John K. Crowe

John K. Crowe is a practicing radiologist at Scottsdale Medical Imaging Ltd., with a Teaching Appointment at Yale University and the University of Arizona.

Following medical school at Duke University, he trained at the Mayo Clinic, served in the U.S. Navy, and has practiced at the Mayo Clinic and Scottsdale Medical Imaging, while continuing to teach, volunteer, and consult.

He is a Past President of the American Roentgen Ray Society (ARRS) and a Trustee of the American Board of Radiology (ABR).



Neil Messinger

Neil Messinger is a partner with Radiology Associates of South Florida and recently stepped down as the chief radiologist and director of medical imaging at Baptist Hospital of Miami, South Miami Hospital, Homestead Hospital, and Baptist Outpatient Centers. He is a voluntary professor in radiology at the University of Miami's School of Medicine. Messinger's past roles include serving as an adjunct and associate attending physician in radiology at Montefiore Hospital and Medical Center and an assistant professor at Albert Einstein College of Medicine. He has also served in the military as a captain in the U.S. Air Force as chief of the radiology division at Griffiss Air Force Base.

Messinger regularly speaks on a variety of topics including the radiological diagnosis of lower abdominal pain, the needs and wants of a large private practice, and the radiologic features of lymphosarco-

ma of the colon. In addition, he has been published in peer-reviewed journals including *American Journal of Gastroenterology*, *American Journal of Roentgenology*, *CHEST*, and *Journal of the Canadian Association of Radiologists*.



Marcia C. Javitt

Marcia C. Javitt is Section Head of Body MRI and Genitourinary Radiology at Walter Reed Army Medical Center in Washington, DC, fellow of the Society of Uroradiology, is the Section Editor of Women's Imaging for the *American Journal of Roentgenology*, and is the founding Chair of the Advisory Panel for [womensimagingonline.arrs.org](http://www.womensimagingonline.arrs.org), a new comprehensive women's imaging online community. She serves as peer reviewer for *Radiology*, *American Journal of Roentgenology*, and *RadioGraphics*, among others, and has received the Editor's Recognition Award for excellence in peer review from *Radiology*.

Javitt serves on multiple national and international committees, including the *RadioGraphics* Women's Imaging panel. Currently, she chairs the Radiology Resident Curriculum Committee for the Society of Uroradiology, which produced the online document "Society of Uroradiology Guidelines for Resident Curriculum and Training in Genitourinary Radiology," which can be accessed at <http://www.uroradiology.org>. She is now President of the Society for the Advancement of Women's Imaging. She is an Oral Board Examiner for the American Board of Radiology, and chairs the American Board of Radiology Core Exam Subcommittee for Reproductive Endocrinology. She is the 2008 recipient of the Alice Ettinger Award for lifetime achievement and outstanding contributions to the field of radiology from the American Association for Women Radiologists.

Javitt has authored or coauthored two textbooks, multiple book chapters, and publications in peer-reviewed journals. Her main research interests have been in women's imaging and pelvic imaging for tissue characterization and preoperative staging of malignancy.



David B. Larson

David B. Larson graduated in the inaugural class of the Yale MD/MBA program in 2002, with a focus in health care management and operations research. As part of the program, he completed a summer internship at the Agency for Healthcare Research and Quality, working under the late Dr. John Eisenberg. During his radiology training years, he has published in several areas, including CT-related radiation in children, graduate medical education, and the radiology board

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examination. He has served as the president of the house staff association of the University of Colorado, as a member-in-training representative at the American College of Radiology (ACR) annual meeting for 4 years, and on multiple ACR task forces. Larson is currently the Director of Quality Improvement at Cincinnati Children's Hospital Medical Center.

Alexander Norbash



Alexander Norbash joined Boston University Medical Center in March 2004 as Chairman and Professor of Radiology. He is an interventional neuroradiologist with an active endovascular neurosurgical practice, with specific clinical interests in the endovascular treatment of aneurysms and high flow states, in addition to percutaneous vertebroplasty and kyphoplasty. His research interests include endovascular and interventional simulation systems, and developing tools and materials technologies for endovascular neurologic therapies.

Prior to joining Boston University Medical Center, he served as Director of Diagnostic and Interventional Neuroradiology at the Brigham and Women's Hospital, and founded the Interventional Neuroradiology and Endovascular Neurosurgical practices at the Brigham and Women's Hospital.

Norbash received his medical degree from the University of Missouri-Kansas City 6-year BA/MD program, graduated from the University of Pittsburgh Radiology Residency, and completed fellowships in both Diagnostic and Interventional Neuroradiology at Stanford University, serving on the Stanford faculty from 1994–1998, and subsequently on the faculty of the Massachusetts General Hospital from 1998–2000. Norbash received a Master's Degree in Health Care Management from the Harvard School of Public Health in 2004.

Norbash is a Past President of the New England Roentgen Ray Society, has developed a number of endovascular tools and products which are in clinical usage, has given over 350 lectures and invited presentations in North and South America, Central South and East Asia, Australia, and Europe, and has an active interest in international medicine and radiology.

Alan Kaye



Alan Kaye is Chairman of the Department of Radiology at Bridgeport Hospital in Connecticut, an affiliate of Yale New Haven Hospital System. Kaye subspecializes in body imaging, which includes ultrasound, MRI, and CT scanning, and has published articles and a book on radiology. Kaye has a special interest in the use of medical imaging technology for early detection of disease, and was the originator of The HealthScreen Center for Early Diagnosis in Fairfield, Connecticut.

Kaye is also President and CEO of Advanced Radiology Consultants, a 21-physician radiology practice with nine sites and 224 employees. He was a Councilor of the American College of Radiology (ACR) for 6 years and served on the Steering Committee of the College. He is now Speaker of the ACR, and serves on its Board of Chancellors, including membership on its Executive Committee. Kaye was the founding Chairman of the ACR State Government Relations Committee and is a member of the Government Relations Commission. He has been on the Executive Committee of the Radiological Society of Connecticut and has served as Chairman of its Legislative Committee since 1995. Kaye has served on the radiology panels of several health insurance companies; has chaired national symposia on managed care; and has written articles, lectured, and been interviewed for numerous publications on the subjects of clinical radiology, the role and future of radiology, health policy, and managed care.



James H. Thrall

James H. Thrall is the Radiologist-in-Chief of the Massachusetts General Hospital and serves as the Juan M. Taveras Professor of Radiology, Harvard Medical School. He is a graduate of the University of Michigan Medical School.

Thrall served from 1983–1988 as Chairman of the Department of Radiology of the Henry Ford Hospital and served on the Board of Trustees of the Henry Ford Health System. He served on the faculty of the University of Michigan from 1975–1983 after completing his military service at Walter Reed Army Medical Center where he also undertook his training in radiology and nuclear medicine.

Thrall is a Past President of the American Roentgen Ray Society and is currently the Chairman of the Board of Chancellors of the American College of Radiology. He serves as the Secretary of the Academy of Radiology Research and has served on the Boards of the R&E Foundation of the RSNA, the Society of Chairmen of Academic Radiology Departments (SCARD), and the Society of Nuclear Medicine.

Thrall also is author of over 300 publications and reviews and is the founder and editor of the *Requisites in Radiology* textbook series.



Hedvig Hricak

Hedvig Hricak is Chairman of the Department of Radiology at Memorial Sloan-Kettering Cancer Center and Professor of Radiology at the Weill College of Medicine of Cornell University. Her many years of research have been devoted to improving cancer outcomes through imaging. She has been the principal investigator or coinvestigator of 24 intramural

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foundation and industry grants, five Department of Defense grants, and 13 National Institutes of Health (NIH)/American Cancer Society grants. She has long been a dedicated promoter of international scientific collaboration and training, and she currently directs an NIH-funded international training program in molecular imaging. She also codirects an international program funded by the Breast Cancer Research Foundation that provides training in breast imaging. Hricak is President-elect and Secretary-Treasurer of the Board of Directors of the Radiological Society of North America. She is a member of the Institute of Medicine of the National Academies of Science and has received numerous awards over the course of her career, including the Marie Curie Award from the American Association for Women Radiologists, the gold medals of the International Society for Magnetic Resonance in Medicine and the Association of University Radiologists, the Beclere medal of the International Society of Radiology, and the Morocco Medal of Merit. She has been awarded seven memberships (University of Zagreb, Croatia, British Institute of Radiology, German Radiological Society, Austrian Roentgen Society, Croatian Society of Radiology, Journées Françaises de Radiologie & Swedish Society of Medical Radiology) and three fellowships (Society of Uroradiology, International Society for Magnetic Resonance in Medicine, and Royal College of Radiologists) in national and international radiological societies from around the world. She holds an honorary doctorate from the Ludwig Maximilian University of Munich, Germany.



Ella A. Kazerooni

Ella A. Kazerooni is Professor of Radiology, Associate Chair for Clinical Affairs, and Director of Cardiothoracic Radiology at the University of Michigan, and currently is the President of the American Roentgen Ray Society, a Trustee of the American Board of Radiology, and chair of the

Committee on Chest Imaging, American College of Radiology Commission on Body Imaging. She has served many roles in organized radiology, including president of the Society of Thoracic Radiology, the Association of University Radiologists, and the Radiology Alliance for Health Services Research in Radiology. She is an elected member of the Society of Computed Body Tomography and Magnetic Resonance and the Fleischner Society.

With a Master's degree in Clinical Research Design and Statistical Analysis, her research focuses on the development and evaluation of advanced imaging technologies as applied to diseases of the cardiothoracic organs. This includes evaluating the technologies at several levels, from safety to validity and reliability, reader agreement, and impact on medical decision making. Specific areas of research include lung cancer screening, and the diagnosis and management of coronary artery disease, pulmonary embolism, thoracic trauma, and interstitial and obstructive lung diseases. She is the institutional PI for the National Institutes of Health (NIH)/National Cancer Institute National Lung Screening Trial, and a coinvestigator on numerous NIH-funded grants, including the chronic obstructive pulmonary disease (COPD) gene study, prospective investigation of pulmonary embolism diagnosis (PIOPED) III, the Lung Imaging Database Consortium, Reference Image Database to Evaluate Response to therapy in lung cancer, and the Imaging Database Resources Initiative.

Kazerooni enjoys working with and helping junior faculty, fellows, and residents develop their academic careers, is active in several career development programs, and has received both the Teacher of the Year Award and the Mentor of the Year Award from the radiology residents at the University of Michigan. She is a frequently invited guest speaker at academic institutions and national/international meetings.