

# RRA Innovation and Leadership Award

**Ronald L. Arenson, MD, FACR**

*Introduction by Ruth C. Carlos, MD, MS*

The RRA Innovation and Leadership Award honors a visionary who has made significant contributions to advance radiology research, innovation, and leadership. This year, the award is presented to Ronald L. Arenson, MD, FACR. Ron is a visionary, identifying the potential impact of imaging on population health and the use of information technology to integrate imaging data. Ron has written widely on radiology information systems (RIS) and picture archiving and communication systems (PACS) and in 2000 was elected an inaugural fellow of the Society for Computer Applications in Radiology (now the Society for Imaging Informatics in Medicine).

Ron's special interests encompass health information technologies, workload and finances in radiology, the future of academic radiology, and research training. He continues to explore cost-effectiveness studies regarding the use of technology to change physician work flow, including speech recognition, PACS, digital teaching files, and implementation of concepts from Integrating the Healthcare Enterprise (IHE®). As chair of the Electronic Communications Committee of the Radiological Society of

North America, Ron provided leadership for the IHE initiative.

Ron has served as a long-standing board member and president of the Academy of Radiology Research, which championed the establishment of the National Institute of Biomedical Imaging and Bioengineering (NIBIB). Ron recently completed his term on the National Advisory Council for Biomedical Imaging and Bioengineering and the National Institutes of Health Council of Councils, advising the NIBIB Director on key priorities for radiology research.

Perhaps Ron's greatest research contribution as the Alexander R. Margulis Distinguished Professor and Chair of the Department of Radiology and Biomedical Imaging at the University of California, San Francisco, has been the creation of the Center for Functional and Molecular Imaging at China Basin Landing. The facility integrates state-of-the-art research and advanced clinical facilities with computed tomography and magnetic resonance imaging. Its faculty continue to propel the next frontier in molecular imaging. A member of the Association of University



*Ronald L. Arenson, MD, FACR*

Radiologists (AUR) since 1976, Ron has occupied all leadership positions (AUR President, 2007). For 10 years, he chaired the board of review for the AUR GE Radiology Research Academic Fellowship (GERRAF) program, which trains promising junior faculty in health services research. The AUR recognized Ron's contributions with the 2013 AUR Gold Medal. In sum, Ron is a remarkable researcher, mentor, and leader, richly deserving of the RRA Innovation and Leadership Award.

# RAHSR Achievement Award

**G. Scott Gazelle, MD, MPH, PhD**

*Introduction by Pari Pandharipande, MD, MPH*

G. Scott Gazelle, MD, MPH, PhD, is a professor of radiology at Harvard Medical School and a professor of health policy and management at Harvard School of Public Health. As a junior faculty member at Massachusetts General Hospital (MGH), Dr Gazelle was an early innovator in contrast material development, interventional oncology, and imaging-guided ablative therapies. After observing the need for rigorous health services research in radiology, Dr Gazelle critically changed his career path. In 1997, he founded what is now known as the MGH Institute for Technology Assessment (ITA), serving as its director until 2015. Today, the ITA is nationally and internationally recognized for multidisciplinary research, guiding the development, evaluation, and use of technologies to improve the quality and cost-effectiveness of medical care.

Beyond his contributions as a physician-scientist, Dr Gazelle is also a generous mentor.

He directs the Dana-Farber/Harvard Cancer Center Program in Cancer Outcomes Research Training, a Harvard-wide National Institutes of Health/National Cancer Institute-funded (R25) 2-year training fellowship. He has formally mentored more than 60 trainees and junior faculty, many of whom are leaders in academic medicine within and outside of radiology.

Dr Gazelle's service to radiology has also been generous. He was a past president of the Association of University Radiologists (AUR) (2010) and served as a member of the Radiological Society of North America (RSNA) Research and Education Foundation's Board of Trustees. He also led the development of several RSNA educational initiatives focused on research training, most notably the RSNA Clinical Trials Methodology Workshop. Other awards include the AUR Gold Medal (2010) and



*G. Scott Gazelle, MD, MPH, PhD*

the RSNA Outstanding Researcher Award (2015).

For his vision, mentorship, dedication, and enduring contributions to health services research in radiology, we are honored to present G. Scott Gazelle, MD, MPH, PhD, with this year's RAHSR Achievement Award.