Siegel Recognized for Nuclear Contributions

On March 19, the National Atomic Museum Foundation (Albuquerque, NM) presented its 2016 National Award of Nuclear Science & History to Barry A. Siegel, MD, a professor of Radiology and Medicine at Washington University School of Medicine (St. Louis) and director of the Division of Nuclear Medicine at Mallinckrodt Institute of Radiology. The award honors leaders with achievements in and commitments to advancing scientific endeavors in technology, government, energy, and education in nuclear issues. The foundation supports the National Museum of Nuclear Science & History, also in Albuquerque. "Dr. Barry Siegel is a pioneering medical professional in the nuclear medical field, and we are honored to acknowledge the professional work of medical advancement and those who practice in the field," said Jim Walther, museum director. "In the 19 years we have presented this award, only 1 other medical professional has been honored and recognized for the National Award of Nuclear Science & History."

Siegel has been active in nuclear medicine research, with contributions in the diagnosis of pulmonary embolism, detection of thrombosis, and development of oncologic applications for radionuclide tracers. For the last 2 decades his research efforts have focused on PET in cancer diagnosis and staging, as well as predicting and monitoring therapy response. He has been a leader in multicenter clinical trials providing evidence of the utility of PET through both the American College of Surgeons Oncology Group and the American College of Radiology Imaging Network. Since 2005, he has been a leading figure in the National Oncologic PET Registry, which has not only led to expansion of coverage for PET but provided an example for other fields seeking coverage with evidence development.

Siegel has published more than 380 journal articles, book chapters, and texts and is on the editorial boards of several journals. From 1988 to 2002 he served as editor in chief of the *Professional Self-Evaluation Program* series published by the American College of Radiology. He is active in government affairs, having served as a consultant and advisory committee chair for the U.S. Food and Drug Administration. He is also a past chair of the Nuclear Regulatory Commission (NRC) Advisory Committee on the Medical Use of Isotopes and a consultant to the NRC. His contributions have been recognized by numerous professional society honors, including the Georg Charles de Hevesy Nuclear Pioneer Award for outstanding contributions to nuclear medicine from SNM in 2003, the Peter Valk Distinguished Clinical Scientist Award from the Academy of Molecular Imaging in 2008, and the Benedict Cassen Prize from the Education and Research Foundation for Nuclear Medicine and Molecular Imaging in 2014.

Left to right: Jim Walther, Director of the National Museum of Nuclear Science & History, awardee Barry A. Siegel, MD, and Alison K. Schuler, President of the National Atomic Museum Foundation.

The National Museum of Nuclear Science & History was established in 1969 to tell the story of the diversity of individuals and events that shaped the historical and technical contexts of the nuclear age.

National Museum of Nuclear Science & History