



ABS 27TH ANNUAL MEETING

ABS 2006 Awards: Ulrich Henschke Award

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Established 1977

Jeffrey F. Williamson, Ph.D.

Jeffrey F. Williamson, Ph.D., FAAPM, FACR, began his graduate education in History and Philosophy of Science at Princeton University. While on leave from this program, Dr. Williamson encountered radiation oncology, becoming a dosimetrist at the University of Minnesota in 1976 under Faiz Khan (the first such position in the entire state).

While working full-time as a dosimetrist or junior clinical physicist, Dr. Williamson joined Minnesota's Biophysical Sciences graduate program, earning his M.S. and Ph.D. degrees in 1980 and 1982, respectively. After serving as an instructor and assistant professor of Therapeutic Radiology, he moved to the University of Arizona in 1983, eventually rising to the rank of Associate Professor and Director of Physics. In 1989, he moved to Washington University, where he served as Professor of Radiation Oncology, Chief of Brachytherapy Physics, and Associate Director of Physics at the Mallinckrodt Institute of Radiology. In 2002, Dr.

Williamson was recruited by Rupert Schmidt-Ullrich to chair the Medical Physics Division at Virginia Commonwealth University, where he now serves as Professor of Radiation Oncology. Dr. Williamson is known nationally for his many contributions to brachytherapy, including application of radiation transport calculations to dosimetry and treatment planning, quantitative experimental dosimetry techniques, CT and MR-guided therapies, CT physics, and quality assurance and clinical practice standards. Dr. Williamson has authored or coauthored approximately 130 papers in peer-reviewed journals; 45 book chapters, proceedings papers or invited review articles; and one book. He has been principal investigator of eight funded R01 grants and numerous industrial contracts and serves on many review and consensus panels by NIH, NIST (National Institutes of Standards and Technology), ICRU (International Commission on Radiological Units and Measurements, the U.S. Nuclear Regulatory Commission (U.S. NRC), and the AAPM (American Association of Physicists in Medicine). As Chair of the AAPM's Photon-Emitting Brachytherapy-Dosimetry Subcommittee, he played a key role in standardizing prostate seed dosimetry. As an educator, he has participated in the mentoring of nearly 35 physicists through post-doctoral research and clinical physics residency programs and in 2003, initiated a Ph.D. program in Medical Physics.



It is a pleasure to honor Jeffrey Williamson with the 2006 Ulrich Henschke Award. The Henschke Award is the most prestigious award presented by the ABS in recognition of contributions made to the profession.