

**Rebecca Howell, Ph.D., DABR**



Rebecca Howell received her MS in 2001 from The University of Texas Health Science Center San Antonio (UTHSCSA) in Medical Physics. Between 2001 and 2005, she worked at Emory University Hospital as a junior medical physicist. During that time, she also completed her doctoral research under the co-mentorship of Nolan Helzel (Georgia Institute of Technology) and Gary Fullerton (UTHSCSA). In 2005, she received her PhD in Medical Physics from UTHSCSA and also received her certification in Therapeutic Radiologic Physics from the American Board of Radiology.

In 2007, Dr. Howell was recruited to join the faculty of The University of Texas MD Anderson Cancer Center as a tenure-track assistant professor. From 2007 to 2011, she was a member of the Head and Neck Clinical Physics Service. Since 2011, her clinical efforts have been dedicated to radiation therapy for breast cancer. Dr. Howell was awarded tenure and promoted to associate professor at MD Anderson Cancer Center in 2014. Dr. Howell's research focuses on out-of-field dose, neutron detection in high-energy photon and proton therapy, and radiation therapy-related late effects.

Dr. Howell is a full member of the faculty of The University of Texas Graduate School of Biomedical Sciences at Houston; she serves on the Medical Physics program's steering committee and admissions committee and is the recruitment facilitator. She is also the course director for two of the program's core courses and is a lecturer for several other courses. Dr. Howell has served on the CAMPEP Graduate Education Program Review Committee since 2006.