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Nancy Knight, PhD

Academic Title:

Associate Professor

Primary Appointment:

Radiation Oncology

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Education and Training

- 1974 BA, Duke University, Durham, NC
- 1979–1982 Fellowship, Medical Sciences, Smithsonian Institution, Washington, DC
- 1980 MA, Duke University, Durham, NC
- 1984 PhD, Duke University, Durham, NC

Biosketch

Dr. Knight received her doctorate from Duke University (Durham, NC). For more than 15 years she was the director of the Center for the American History of Radiology, before joining the University of Maryland as a faculty member specializing in academic and research development. She has edited and/or authored numerous scientific and technical volumes on radiation oncology, radiology, imaging informatics, and nuclear medicine topics. She was one of the founders of the Maryland Imaging Research Technologies Laboratory at UMSOM and was the co-founder of the Imaging Ethics Roundtable. She served as national PI for the National Cancer Institute Cancer Biomedical Informatics Grid Imaging Knowledge Center and has coordinated research collaborations at UMB with UMS partners, other academic centers, and industry. She has successfully organized multicenter and multidisciplinary grant submissions and funding efforts in the radiation sciences. Her research interests include clinical and research ethics, and

she is a frequent consultant and speaker on ethical challenges associated with advanced technology applications.

Research/Clinical Keywords

Radiation therapy, radioimmunotherapy, proton therapy, imaging informatics, medical ethics, nuclear medicine, history of medicine and science.

Highlighted Publications

Lin JY, Diwanji TP, Snider JW 3rd, Knight N, Regine WF. Cancer screening patterns and concerns in caregivers of patients undergoing radiation therapy. *J Oncol Pract.* 2016;12(4):e405-412.

Fahey F, Zukotynski K, Capala J, Knight N, et al. Targeted radionuclide therapy: proceedings of a joint workshop hosted by the National Cancer Institute and the Society of Nuclear Medicine and Molecular Imaging. *J Nucl Med.* 2014;55:337-348.

Safdar N, Shet N, Bulas D, Knight N. Handoffs between radiologists and patients: threat or opportunity? *J Am Coll Radiol.* 2011;8:853-857.

Zemariame N, Knight N, Siegel EL. Redesigning the nuclear medicine reading room. *Semin Nucl Med.* 2011;41:463-471.

Nagy P, Kahn CE, Boonn W, Siddiqui K, Meenan C, Knight N, Safdar N. Building virtual communities of practice. *J Am Coll Radiol.* 2006;3:716-720.

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