

CURRICULUM VITAE
RENEE L DICKINSON, M.S.
June 8, 2008

PRESENT TITLE AND AFFILIATION

Medical Physicist, Diagnostic Imaging
University of Washington Medical Center, Department of Radiology

PERSONAL

Born: February 2, 1983
Citizenship: United States of America

**WORK
ADDRESS**

University of Washington Medical Center
Department of Radiology
Box 357987
Seattle, Washington 98195-7987
206-543-7671 (office)
rdickins@u.washington.edu

EDUCATION

2005-2007

Masters of Science, Specialized M.S. Medical Physics Program
University of Texas Health Science Center
Graduate School of Biomedical Sciences, Houston, Texas

2001-2005

Bachelors of Science, Physics
Cum Laude
College of Arts and Sciences
Stetson University, Deland, Florida

BOARD

Board Eligible, American Board of Radiology (ABR)

CERTIFICATION

Specialty: Diagnostic Radiological Physics

WORK EXPERIENCE

2008-present

Medical Physicist, Diagnostic Physics

Department of Radiology

University of Washington Medical Center, Seattle, Washington

- Work experience gained in areas of General Radiography, Computed Tomography (CT), Fluoroscopy and Angiography, Nuclear Magnetic Resonance Imaging (MRI), and Picture Archiving and Communication Systems (PACS)
- Organized and maintained documentation and annual physics reports for two hospitals and one outpatient clinic
- Assisted hospital personnel in the preparation and fulfillment of American College of Radiology (ACR) Accreditation for Computed Tomography (CT) and Magnetic Resonance Imaging (MRI) modalities
- Studied and used Nuclear Regulatory Commission (NRC) regulations, Washington State regulations, and AAPM recommendations to perform annual physics testing for ionizing and non-ionizing imaging systems

- 2006 Assistant Physics Technologist
 Imaging Physics Department
 University of Texas MD Anderson Cancer Center, Houston, Texas
- Coordinated with five Imaging Physics Technologists regarding medical imaging equipment quality control testing and projects
 - Trained, under the supervision of a Senior Medical Physicist, in the proper operation of radiation detection instrumentation and phantoms
 - Performed daily quality control testing for Concorde MicroPET, Siemens M.Cam, and Capintec dose calibrator in the M.D. Anderson Cancer Center Small Animal Imaging Facility (SAIF)
 - Maintained Inovision and Ludlum survey meter inventory required for radiation safety
- 2004-2005 Residence Hall Director, Smith Hall
 Department of Residential Life
 Stetson University, DeLand, Florida
- Collaborated with professional staff throughout the Resident Assistant interviewing and hiring process
 - Supervised a team of six Resident Assistants and served as liaison to the Assistant and Associate Directors of Residential Life
 - Managed all administrative and financial tasks of Smith Hall
 - Ensured the safety and security of 170 residents while maintaining the building
- 2004 Bioengineering and Bioinformatics Summer Institute Intern
 Bioengineering Department
 Clemson University, Clemson, South Carolina
- Trained to adequately use basic technical and experimental protocols common in research
 - Attended the colloquiums highlighting international researchers in the field of biomaterials
 - Enrolled in an intensive education program bridging engineering, biology, and clinical sciences

PROFESSIONAL ORGANIZATIONS

- 2008-present Full member, American Association of Physicists in Medicine (AAPM)
2005-2007 Student member, American Association of Physicists in Medicine (AAPM)

OTHER MEMBERSHIPS

- 2005 Mortar Board, National College Senior Honor Society
2004-present Member, Sigma Pi Sigma, Physics Honor Society
2003-present Zeta Tau Alpha

BIBLIOGRAPHY—SCIENTIFIC ABSTRACTS

1. Dickinson, R.L. et al. **Improving the accuracy of CT topograms for node localization in breast lymphoscintigraphy.** Poster presentation at American Association of Physicists in

- Medicine (AAPM) Annual Meeting in July 2007. Abstract Available: Medical Physics. June 2007: 34 (6): 2362-63P.
2. Dickinson, R.L. et al. **Dosimetric comparison of planar and 3-dimensional methods of anatomic localization for breast lymphoscintigraphy.** Poster presentation at American Association of Physicists in Medicine (AAPM) Annual Meeting in July 2007. Abstract Available: Medical Physics. June 2007: 34 (6): 2362P.
 3. Dickinson, R.L. et al. **Investigation of a novel approach to localizing the sentinel node in breast lymphoscintigraphy: fusion of planar scintigrams and CT topograms.** Poster presentation at Society of Nuclear Medicine (SNM) Annual Meeting in June 2007. Abstract available: Journal of Nuclear Medicine. May 2007: 48 (Supplement 2): 425P.
 4. Mar, M.V., Dickinson, R.L., Erwin, W.D., and Wendt, III, R.E.. **Optimal Co-57 flood source activity and acquisition time for lymphoscintigraphy transmission images.** Oral presentation at Society of Nuclear Medicine (SNM) Annual Meeting in June 2007. Abstract available: Journal of Nuclear Medicine. May 2007: 48 (Supplement 2): 446P.

BIBLIOGRAPHY—MANUSCRIPTS

1. Mar, M.V., Dickinson, R.L., Erwin, W.D., and Wendt, III, R.E.. **Optimal ⁵⁷Co flood source activity and acquisition time for lymphoscintigraphy localization images.** Journal of Nuclear Medicine Technology 36 (2):82-87. 2008.

SHORT COURSE CREDITS

External Beam Dosimetry: Basics Methods and Calculations (2006)
Interstitial & Intracavitary Dosimetry: Basic Method and Calculations (Oct. 2006)

SERVICE

2006-2007 Assistant Youth Minister
BLAZE Youth Group, Saint Anne's Catholic Church, Houston, TX
2007 Ring Leader for Prospective Students Visitation Weekend
UT Graduate School of Biomedical Sciences, Houston, TX
2005-2006 Hospital Volunteer
University of Texas MD Anderson Cancer Center, Houston, TX

HONORS AND AWARDS

2005 Stetson University Department of Student Life Outstanding Leader Award
2002-2005 Elizabeth Brooks Scholarship
2001-2002 Stetson University Merit Scholarship
2001 Pensacola Civitan Club Citizen of the Year
2001 MIRA Award Recipient