

Butler, Renee L			
EDUCATION			
Institution Name	Degree	Year Awarded	Field of Study
Stetson University	BS	2005	Physics
The University of Texas Health Science Center at Houston and MD Anderson Cancer Center, Graduate School of Biomedical Sciences	SMS	2007	Medical Physics
POSTGRADUATE TRAINING			
Institution Name		Start & End Dates	Nature of Training
n/a			
ACADEMIC APPOINTMENTS			
Institution, Department		Start & End Dates	Position or Rank
University of Washington, Department of Radiology		01/2008 to 04/2014	Guest Lecturer, Diagnostic Radiology Imaging Physics Course (Radiology residents & Fellows)
HOSPITAL and OTHER APPOINTMENTS			
Hospital, Clinical, Company etc.		Start & End Dates	Position or Title
Colorado Associates in Medical Physics, Colorado Springs, CO		03/2017 to present	Medical Physicist Director, Diagnostic Medical Physics Residency
System Medical Physics and Radiation Safety Texas Health Resources, Dallas, Texas		01/2015 to 02/2017	Director Radiation Safety Officer, Broad-scope license
System Medical Physics and Radiation Safety Texas Health Resources, Dallas, Texas		05/2014 to 01/2015	Senior Medical Physicist
Department of Radiology, University of Washington Medical Center		01/2008 to 04/2014	Medical Physicist
CERTIFICATION, REGISTRATION and LICENSURE			
Granting Body	Specialty	Year Granted	Year of Next MOC
American Board of Radiology (ABR)	Diagnostic Radiological Physics	2012	Valid through 03/01/2024
Colorado Dept of Public Health and Environment (CDPHE)	Registered Medical Physicist	2017	Expires 3/31/2023

ACADEMIC SUPERVISION			
None			
ROLES IN THE PROGRAM			
Program Director – CAMP Diagnostic Medical Physics Residency) CAMP Residency Program Steering Committee Member Modality Mentor for General Diagnostic II and General Diagnostic III.			
CLINICAL RESPONSIBILITIES			
<ul style="list-style-type: none"> • Clinical coverage (annual physics surveys, image quality troubleshooting): general radiography, mammography, CT, fluoroscopy and angiography, MRI, Ultrasound, nuclear medicine, PET • Support installation and implementation as well as on-going support of Radiation Dose Index Monitoring (RDIM) Software for three hospital systems. • Provide support as Radiation Safety Officer (RSO) or Associate RSO for five hospitals and two outpatient imaging centers • Assist hospital personnel in the preparation and fulfillment of American College of Radiology (ACR) Accreditation and Joint Commission (JC) Accreditation; coordinate effort to connect RDIM to ACR Dose Index Registry (DIR) database to assist in establishing nationally benchmarked alert settings for CT. 			
SCHOLARLY ACTIVITIES			
Member AAPM TG 380 - Selection, implementation, and management of radiation dose index management systems Member AAPM Diagnostic Workforce Subcommittee			
RESEARCH INTERESTS			
Renee is primarily involved in research projects clinically significant emphasis, often focused on radiation dose monitoring in computed tomography and fluoroscopy, establishing patient diagnostic reference levels (DRLs), and process driven implementation and improvement projects.			
RESEARCH SUMMARY			
Type	Total	Last 5 years	
Peer-reviewed papers in referred journals	5	1	
Book chapters & conference proceedings	0	0	
Published Abstracts	14	0	
Presentations at national/international conferences	4	0	
RESEARCH FUNDING SUPPORT			
Source of Funding	Title of Research Grant	Dates of Support	Funding Amount

LIST OF SELECTED PUBLICATIONS – Reverse Chronological Order

1. Gress, D.A, et al. **AAPM Medical Physics Practice Guideline 6.a. Performance Characteristics of Radiation Dose Index Monitoring Software.** Journal of Applied Clinical Medical Physics. 2017; 18 (4):12–22.
2. Dickinson, R.L., Zamora, D.A., Kanal, K.M., and Stewart, B.K. **Estimated Skin Dose Look-up Tables and their Effect on Dose Awareness in the Fluoroscopy-Guided Imaging Suite.** American Journal of Roentgenology. 2014 September; 203(3):630-6.

3. Peterson, E.C, Kanal, K.M., Dickinson, R.L., Stewart, B.K., and Kim, L.J. **Radiation-Induced Complications in Endovascular Neurosurgery: Incidence of Skin Effects and the Feasibility of Estimating Risk of Future Tumor Formation.** Neurosurgery. NEU-D-12-00678R1
4. Dickinson, R.L., Erwin W.D., Stevens, D.M., Bidaut, L., Mar, M.V., Macapinlac, H., Wendt, R.E. **Hybrid Modality Fusion of Planar Scintigrams and CT Topograms to Localize Sentinel Lymph Nodes in Breast Lymphoscintigraphy: Technical Description and Phantom Studies.** International Journal of Molecular Imaging. Volume 2011. Article ID 298102.
5. Mar, M.V., Dickinson, R.L., Erwin, W.D., and Wendt, III, R.E.. **Optimal ^{57}Co flood source activity and acquisition time for lymphoscintigraphy localization images.** Journal of Nuclear Medicine Technology 36 (2):82-87. 2008.