

<b>Name: Lofton, Bradley, K</b>			
<b>EDUCATION</b>			
<b>Institution Name</b>	<b>Degree</b>	<b>Year Awarded</b>	<b>Field of Study</b>
Texas A&M University	BS	2002	Biomedical Engineering
The University of Texas Health Science Center at Houston and MD Anderson Cancer Center, Graduate School of Biomedical Sciences	SMS	2010	Medical Physics
<b>POSTGRADUATE TRAINING</b>			
<b>Institution Name</b>		<b>Start &amp; End Dates</b>	<b>Nature of Training</b>
n/a			
<b>ACADEMIC APPOINTMENTS</b>			
<b>Institution, Department</b>		<b>Start &amp; End Dates</b>	<b>Position or Rank</b>
n/a			
<b>HOSPITAL and OTHER APPOINTMENTS</b>			
<b>Hospital, Clinical, Company etc.</b>		<b>Start &amp; End Dates</b>	<b>Position or Title</b>
Colorado Associates in Medical Physics, LLC, Colorado Springs, CO		10/2010 to present	Medical Physicist Chief Executive Officer (2019)
UT MD Anderson Cancer Center, Houston, TX		03/2004 to 08/2008	Medical Physics Assistant – Dept. of Imaging Physics
<b>CERTIFICATION, REGISTRATION and LICENSURE</b>			
<b>Granting Body</b>	<b>Specialty</b>	<b>Year Granted</b>	<b>Year of Next MOC</b>
Colorado Department of Public Health and Environment (CDPHE)	Registered Medical Physicist	2011	Expires 06/30/2023
American Board of Radiology (ABR)	Diagnostic Medical Physics	2014	Valid through 3/1/2024
American Board of Radiology (ABR)	Nuclear Medical Physics	2017	Valid through 3/1/2024
New Mexico Environment Department	Qualified Expert in Diagnostic Medical Physics	2018	Valid through 2/28/2026
<b>ACADEMIC SUPERVISION</b>			
None			

<b>ROLES IN THE PROGRAM</b>			
CAMP Residency Program Steering Committee Member Clinical Coach			
<b>CLINICAL RESPONSIBILITIES</b>			
<ul style="list-style-type: none"> <li>• Clinical coverage (annual physics surveys, image quality troubleshooting): general radiography, mammography, CT, fluoroscopy and angiography, MRI, Ultrasound, nuclear medicine, PET</li> <li>• Provide support as Radiation Safety Officer (RSO) or Associate RSO for multiple hospitals and outpatient imaging centers</li> <li>• Assist hospital personnel in the preparation and fulfillment of American College of Radiology (ACR) Accreditation and Joint Commission (JC) Accreditation</li> </ul>			
<b>SCHOLARLY ACTIVITIES</b>			
Member – Diagnostic Demand and Supply Projection Working Group (DDSPWG) Member – Working Group on Communicating Advances in Radiation Education for Shielding (WGCARES)			
<b>RESEARCH INTERESTS</b>			
Brad is primarily involved with identifying and developing tools and processes that add value to community clinical environments that may not have the resources of a larger academic hospital, to optimize quality, efficiency, compliance and cost-effectiveness. He is very interested in making Med Phys 3.0 a reality in non-academic environments.			
<b>RESEARCH SUMMARY</b>			
Type	Total	Last 5 years	
Peer-reviewed papers in referred journals	2	2	
Book chapters & conference proceedings	0	0	
Published Abstracts	6	2	
Presentations at national/international conferences	2	2	
<b>RESEARCH FUNDING SUPPORT</b>			
Source of Funding	Title of Research Grant	Dates of Support	Funding Amount

#### **LIST OF SELECTED PUBLICATIONS – Reverse Chronological Order**

1. Sean D. Rose, David W. Jordan, Nicholas B. Bevins, Jaydev K. Dave, David E. Hintenlang, **Brad K. Lofton**, Pankaj Patel. **Estimated size of the clinical medical imaging physics workforce in the United States.** Journal of Applied Medical Physics. 2022; 23(7): 1-10.
2. Frederic H. Fahey, D.Sc, **Brad K. Lofton**, M.S., Gerald A. White, M.S. **Point/Counterpoint: Residency training for diagnostic imaging physicists should be expanded to include nuclear medicine physics.** Medical Physics. 2021; 48(8): 4123-4126.
3. Busse N., **Lofton B.**, Stickel J. Patient Dose Estimates After Lactated Ringer’s Related Breakthrough of a Rubidium-82 Generator. 2020 AAPM Annual Meeting ePoster
4. **Lofton B.** and Stickel J. CT Dose Measurements with Solid-state probes. 2017 AAPM Annual Meeting Poster
5. **Lofton B.**, Wendt R Multi-resolution Cumulative Summation Images for Monitoring Gamma Camera Detector Uniformity. Poster SU-GG-I-161. AAPM, Philadelphia, PA, 2010
6. **Lofton B.**, Wendt R Statistical Detection of Regional Non-uniformities in Gamma Camera Daily Planar Floods – A Multiresolution Approach. Poster 1319. SNM, Salt Lake City, UT, 2010

7. **Lofton, B** Statistical Detection of Regional Non-uniformities in Gamma Camera Daily Planar Floods – A Multiresolution Approach. Presentation. SWAAPM, Houston, TX, 9/2009
8. **Lofton B**, Blatnica T, Zamora D, Wendt R, Performance characterization of a portable pixelated CdTe miniature gamma camera; Poster 1687, Journal of Nuclear Medicine, 6/2008 \* Citation in Henry N. Wagner, Jr, MD SNM Highlights Lecture
9. Willis CE, Vinogradskiy Y, **Lofton B**, White R. Variation in Exposure-Dependent SNR Among Systems with Identical Digital Flat Panel Detectors. Poster SU-FF-I-113. Medical Physics 34(6):2364, 6/2007