

Lofton, Kate E.			
EDUCATION			
Institution Name	Degree	Year Awarded	Field of Study
University of Kentucky	M.S.	2008	Radiological Medical Physics
Georgetown College	B.S.	2006	Chemistry (major); Physics (minor)
POSTGRADUATE TRAINING			
Institution Name		Start & End Dates	Nature of Training
University of Louisville (Brown Cancer Center)		7/2008-6/2010	Residency in therapeutic medical physics
ACADEMIC APPOINTMENTS			
Institution, Department		Start & End Dates	Position or Rank
NA			
HOSPITAL and OTHER APPOINTMENTS			
Hospital, Clinical, Company etc.		Start & End Dates	Position or Title
Colorado Associates in Medical Physics		1/2022-present	VP of Radiation Oncology Services
Colorado Associates in Medical Physics		6/2019-1/2022	President
Colorado Associates in Medical Physics		10/2014-6/2019	Managing Member
Colorado Associates in Medical Physics		7/2010-present	Clinical therapeutic medical physicist, various departments supported
CERTIFICATION, REGISTRATION and LICENSURE			
Granting Body	Specialty	Year Granted	Year of Next MOC
American Board of Radiology	Therapeutic Medical Physics	2011	Valid through 3/1/2024
Colorado Dept of Public Health and Environment (CDPHE)	Registered Medical Physicist	2011	Valid through 9/30/2023
New Mexico Environment Dept	Qualified Expert in Therapeutic Medical Physics	2016	Valid through 5/31/2026
ACADEMIC SUPERVISION			
None			
ROLES IN THE PROGRAM			
<ul style="list-style-type: none"> • CAMP Residency Program Steering Committee Member • Modality Mentor for Professionalism and Ethics Rotation 			

CLINICAL RESPONSIBILITIES			
<ul style="list-style-type: none"> • Supported eight cancer centers in clinical coverage for Radiation Oncology • Performed QA for linear accelerators and HDR units • Supported special procedures programs including SRS, SBRT, HDR, TBI, and IORT • Provided clinical coverage to include dosimetry support, plan checks, machine troubleshooting, and general department involvement in meetings, policy & procedure support, new equipment purchase review and accreditation efforts (ACR and APEX) 			
SCHOLARLY ACTIVITIES			
<ul style="list-style-type: none"> • Member of AAPM Medical Physics Practice Guideline 15.a: Peer Review in Clinical Physics (2021-present) • Invited speaker, 2023 AAPM Spring Clinical Meeting: <i>A CAMP Survival Story: Adaptation of Private Practice Medical Physics Over Time</i> • Invited speaker, 2023 AAPM Annual Meeting: <i>Quantitative Safety and Quality Improvement with Peer Review</i> • AAPM Member (2007-present) • ASTRO Member (2022-present) 			
RESEARCH INTERESTS			
<ul style="list-style-type: none"> • Interested in supporting clinically relevant research projects taken on by the CAMP team • Interested in supporting national initiatives in professionalism, including peer review, that can ultimately support our group through my role in leadership 			
RESEARCH SUMMARY			
Type	Total	Last 5 years	
Peer-reviewed papers in referred journals	2	0	
Book chapters & conference proceedings	0	0	
Published Abstracts	7	0	
Presentations at national/international conferences	2	2	
RESEARCH FUNDING SUPPORT			
Source of Funding	Title of Research Grant	Dates of Support	Funding Amount
NA			

LIST OF SELECTED PUBLICATIONS – Reverse Chronological Order (prior to 4/2013, listed under maiden name “Dikeman”)

1. “Poor Man’s Knowledge Based Planning for Solitary SRS Brain and SBRT Lung Lesions.” O. Blasi, K. McCullough, **K. Lofton**.
Poster presented at AAPM 2017
2. “Measured I-125 Contamination in I-123.” B. Lofton, G. Gibbs, J. Stickel, **K. Lofton**.
Poster presented at AAPM 2017
3. “Sensitivity of a Commercial Diode Array for Use in the Rapid Assessment of Cyberknife IRIS Variable Collimator Performance”. G. Gibbs, G. White, G. Bulz, **K. Dikeman**.
Poster presented at Radiosurgery Society Annual Meeting February 2013
4. “Comparison of tissue characterization curves for different CT scanners: implication in proton therapy treatment planning” *Translational Cancer Research*. C. Cheng, L. Zhao, M. Wolanski, Q. Zhao, J. James, **K. Dikeman**, M. Mills, M. Li, S. Srivastava, X. Lu, I. Das. Vol 1:4. December 2012

5. "Technical Note: Novel Treatment Technique for Conjunctival Lymphoma of the Eye" *Medical Physics*. **K. Dikeman**, M. Mills. 37:3316. 2010.
Poster presented at 2010 AAPM meeting
6. "Shielding Assessment of a Mobile Electron Accelerator for Intraoperative Radiotherapy" A. Krechetov, D. Goer, **K. Dikeman**, J. Daves, M. Mills *Journal of Applied Medical Physics*; 11:4; p.263-273. July 2010
7. "Definitive Single-Fraction Accelerated Balloon Breast Brachytherapy: A Dosimetric Feasibility Study" **K. Dikeman**, A. Dragun. 2009.
Abstract presented at ASTRO for 2009 meeting