

Medical Physicist, Ph.D.
One Physics Ellipse
College Park, MD 20740
(555) 314-1593
shadowDragon69@hotmail.com

Education:

Western Kentucky University, Bowling Green KY
Bachelor of Science, 1990
Major: Electrical Engineering GPA: 3.75

University of Wisconsin

PhD in Medical Physics, 1996
Dissertation: "A clinical repudiation of the recently proposed, so-called Intensity Modulated Therapy"

Certification and Licensure:

American Board of Radiology
Florida State License
Authorized Medical Physicist (AMP)
Kentucky State License
Ohio State License

Professional Experience:

County General Hospital, Denver, CO, Feb 2008 - Present
Chief Medical Physicist

I have ten years of experience in a facility that utilizes three Varian trilogies, Aria v10, and brainlab for SRS. Planning is performed using the latest version of Eclipse TPS. There is an active GYN HDR and LDR prostate program. Responsibilities include: Managing physics staff and physics work flow in a high volume hospital based radiation oncology center. Treatment planning experience includes 3D, IMRT, RapidArc, SRS, SBRT, HDR, and LDR. Routine accelerator QA, patient specific QA, and patient chart checks. Other experience includes extensive knowledge of Pinnacle TPS, Mosaiq R&V, and experience with Elekta accelerators. Passionate about scientific practice and its application to direct clinical care of patients in a clinical environment.

University of State Medical Center, Oklahoma City, OK: June 2000 – Feb 2008
Solo Medical Physicist

Duties: Solely responsible for performing IMRT QA with MapCheck; created three dimensional treatment plans with ADAC Pinnacle; fabricated Cerrobend blocks, measured cutout factor and performed second check plans with RadCalc; assisted with quality assurance tests for Elekta Precise linear accelerator; assisted with I-131 procedures; performed weekly chart checks with direct supervision.

Our Lady of Medical Physics Cancer Center, Topeka KS: July 1996 - May 2000

Medical Physicist

Duties:

1 of 3 medical physicists for 3 centers (one main, two satellite) Machine QA for 4 Varian Medical Accelerators. Oversight of LDR Cs-137 GYN implants. Planning 3D plans Pinnacle ADAC. measuring block output factors for cerrobend blocks. Hand calc 2nd checks of treatment plans. Effective team worker, willing to adopt a role working in collaboration with others.

Professional Society Membership:

AAPM

Professional Service:

AAPM Placement Services Subcommittee

AAPM Professional Economics Subcommittee

AAPM Science Council (guest)