

PAVLINA (PIKE) BOXX, PhD, DABR

124 Downing Rdg
Madison, AL 35758

Phone: 256.990.9867
E-Mail: pavlina.pike@gmail.com

EDUCATION

Doctor of Philosophy in Physics, University of Tennessee, Knoxville, TN (2005).
Master of Science in Physics, University of Tennessee, Knoxville, TN (2001).

SUMMARY

Certifications

- Diagnostic Medical Physics by the American Board of Radiology
- MQSA

EXPERIENCE

2023 – Present Director of Radiation Safety, Huntsville Hospital, Huntsville, AL

2011 – 2023 Medical Physicist and Radiation Safety Officer, Huntsville Hospital, Huntsville, AL

- Design, implement, oversee, and review the quality assurance program of the hospital
- Actively participates in helping accomplish optimal balance of diagnostic image quality and radiation dose in close collaboration with physicians, technologists, scientists, and technical staff
- Evaluation of imaging performance, compliance with federal, state, local, and regulatory/accreditation agencies requirements

2009 – 2011 Post-Doctoral Fellow in Diagnostic Imaging, University of Alabama, Birmingham, AL

- Perform acceptance and annual performance tests on a wide variety of imaging equipment
- Participate in medical resident training
- Participate in Imaging research

2005 – 2008 Assistant professor, Middle Tennessee State University, Murfreesboro, TN

- Teach problem solving and lab skills in Physics and Astronomy
- Provide and grades tests for evaluating students' progress
- Tutor and guide students who have difficulties with the material

Research Participation

- Bos, D., Yu, S., Luong, J. et al. Diagnostic reference levels and median doses for common clinical indications of CT: findings from an international registry. *Eur Radiol* 32, 1971–1982 (2022). <https://doi.org/10.1007/s00330-021-08266-1>
- Smith-Bindman R, Chu P, Wang Y, et al. Comparison of the Effectiveness of Single-Component and Multicomponent Interventions for Reducing Radiation Doses in Patients Undergoing Computed Tomography: A Randomized Clinical Trial. *JAMA Intern Med.* 2020;180(5):666–675. doi:10.1001/jamainternmed.2020.0064

Export a **CSV file** containing your entire record of CME activities outside of any chosen date range. 

MULTI-SOCIETY CREDIT REPORT FOR Pavlina Pike

DATE RANGE: 01/01/2023 TO: 11/11/2023

CREDIT TYPE: ALL

REPORT DATE: 11/11/2023

SPONSOR	PROGRAM	SESSION ID	DESCRIPTION	DATE	TYPE	EARNED
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: A Practical Real-World Approach to Clinical Low Field Device MR Safety Assessment Scanning below 15T for devices only labeled for 15T and/or 3T Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Cryogen Safety Considerations Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Gradient Magnetic Fields Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Implant Safety: Clinical Application and Decision Making Part I Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Implant Safety: Clinical Application and Decision Making Part II Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Implant Safety: Kanal s MR Safety Implant Risk Assessment app:Decision tree review and utilization Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Spotlight on GBCAs Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	2
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Static Magnetic Fields Part I, II Diagnostic Radiology Magnetic Resonance	10/18/2023	MPCEC	2
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course		Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Static Magnetic Fields Part III Diagnostic Radiology	10/18/2023	MPCEC	1

Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Magnetic Resonance Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Static Magnetic Fields Part IV Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Static Magnetic Fields Part V Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: RF Magnetic Fields Part I Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: RF Magnetic Fields Part II Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: RF Magnetic Fields Part III Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
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Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: RF Magnetic Fields Part V Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Safety of Gadolinium-Based Contrast Agents Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Introduction, MRMD, MRSO, MRSE Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	2
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Legal Considerations: Part I Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Legal Considerations: Part II Diagnostic Radiology Magnetic Resonance	10/18/2023 MPCEC	1

		Diagnostic Radiology Magnetic Resonance		
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Legal Considerations: Part III	10/18/2023 MPCEC	1
		Diagnostic Radiology Magnetic Resonance		
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Product labeling and off-label imaging:The FDA does not approve uses of drugs/devices	10/18/2023 MPCEC	1
		Diagnostic Radiology Magnetic Resonance		
Northwest Imaging Forums, Inc.	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course	Kanals Magnetic Resonance Medical Director/Magnetic Resonance Safety Officer MR Safety Training Course: Review Safety Considerations and Documented Case Illustrations	10/18/2023 MPCEC	1
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: ACR Phantom Measurements	09/16/2023 MPCEC	1
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab A: Scanning and Analysis of the ACR Phantom	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab B: Basic Image Quality Measurements	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab C: Applied MR Safety	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab D: Clinical QA, Protocols, and Troubleshooting	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab E: RF Coil Testing	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Summary, Discussion, and Q&A	09/16/2023 MPCEC	0.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Lab F: Magnetic Homogeneity Testing	09/16/2023 MPCEC	1.5
		Diagnostic Radiology Magnetic Resonance		
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: Magnetic Homogeneity Testing	09/16/2023 MPCEC	0.5
		Diagnostic Radiology Magnetic Resonance		

MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: MRI Protocols and QA Programs Diagnostic Radiology Magnetic Resonance	09/16/2023 MPCEC		1
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: MRI Safety Diagnostic Radiology Magnetic Resonance	09/16/2023 MPCEC		1
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: NMR Signal and Tissue Characteristics Diagnostic Radiology Magnetic Resonance	09/16/2023 MPCEC		1
MTMI	Hands-on MRI Physics Workshop for Physicists	Hands-on MRI Physics Workshop for Physicists: RF Coil Quality Control Testing Diagnostic Radiology Magnetic Resonance	09/16/2023 MPCEC		0.5
UCSF OCME	UCSF Symposium on Computed Tomography	UCSF Symposium on Computed Tomography: CT Dose Management It Takes a Village Diagnostic Radiology Quality Management	09/09/2023 MPCEC		0.75
UCSF OCME	UCSF Symposium on Computed Tomography	UCSF Symposium on Computed Tomography: Practical Approaches to Monitoring and Optimization of Patient Dose in CT Diagnostic Radiology Computed Tomography	09/09/2023 MPCEC		0.75
Medical Technology Management Institute	Dental Cone Beam CT for Physicists	Dental Cone Beam CT for Physicists: Dental Cone Beam CT Diagnostic Radiology Computed Tomography	03/28/2023 MPCEC		2
AAPM	2021 AAPM Virtual 63rd Annual Meeting	Ct Protocol Development and Management NONE	03/22/2023	SAM	1
AAPM	2023 AAPM Online Learning Center	2023 AAPM Online Learning Center: 4205-N Ct Protocol Development and Management Diagnostic Radiology Computed Tomography	03/22/2023 MPCEC		1
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: Trainee Presentations Radiotherapy None	02/04/2023 MPCEC		1.25
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: General Session Radiotherapy None	02/04/2023 MPCEC		1
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: General Session Radiotherapy None	02/04/2023 MPCEC		1.08
AAPM	2021 AAPM Virtual 63rd Annual Meeting	MRI Homogeneity Testing NONE	02/03/2023	SAM	1
AAPM	2023 AAPM Online Learning Center	2023 AAPM Online Learning Center: 4240-N MRI Homogeneity Testing Diagnostic Radiology Magnetic Resonance	02/03/2023 MPCEC		1
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: MedPhys Slam Radiotherapy External Beam	02/03/2023 MPCEC		0.25

CEU COMBINED REPORT

SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: General Session Keynote Radiotherapy External Beam	02/03/2023 MPCEC	1
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: General Session Radiotherapy External Beam	02/03/2023 MPCEC	0.83
SEAAPM	2023 SEAAPM Scientific Meeting	2023 SEAAPM Scientific Meeting: General Session President Address Radiotherapy None	02/03/2023 MPCEC	1
AAPM	2021 AAPM Virtual 63rd Annual Meeting	Breast Imaging 2: Possible Future Directions NONE	01/18/2023 SAM	2
AAPM	2023 AAPM Online Learning Center	2023 AAPM Online Learning Center: 4203-N Breast Imaging 2: Possible Future Directions Diagnostic Radiology Mammography	01/18/2023 MPCEC	2

MPCEC CREDIT EARNED 54.41
SAM CREDIT EARNED 4

Specialty Detail

Focus	Credit Type	Credit
NONE	SAM	4

The American Board of Radiology

Organized through the cooperation of the American College of Radiology, the American Roentgen Ray Society, the American Radiology Society, the Radiological Society of North America, the Section on Radiology of the American Medical Association, the American Society for Radiation Oncology, the Association of University Radiologists, the American Association of Physicists in Medicine, and the Society of Interventional Radiology, the American Board of Radiology hereby certifies that

Paulina Jelena Hike, PhD

Has pursued an accepted course of graduate study and clinical work, has met certain standards and qualifications, including passing the examinations conducted under the authority of the American Board of Radiology, demonstrating to the satisfaction of the Board qualification to practice, and is therefore awarded the Board's certification in

Diagnostic Medical Physics

RSO Eligible



Ongoing validity of this certificate is contingent upon meeting the requirements of Maintenance of Certification.

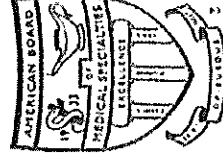
This diplomate of the American Board of Radiology is permitted to use the ABRA mark to signify this certification.

James P. Boyette, MD
President

C. P. Brown
Secretary-Treasurer

Henry F. Kelly, PhD
Executive Director

ABRA



Certificate No. #15979

Effective: June 12, 2013

The University of Tennessee

on the recommendation of the Faculty have conferred on

Paulina Hike

the degree of

Doctor of Philosophy

with all the Rights, Privileges and Honors thereunto appertaining
In witness whereof this diploma is granted and the Seal of the
University and the signatures of the President of the University and
the Secretary of the Board of Trustees are hereunto affixed.

Given at Knoxville in the State of Tennessee this seventeenth day of December
in the year of our Lord two thousand five
and of the University the two hundred and twelfth.

Catherine S. Myrell
Secretary of The University of Tennessee



Ph. Holt
President of The University of Tennessee

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH
Office of Radiological Health

This is to acknowledge that

PAVLINA PIKE, Ph.D.

License Number: RH-135-17-491
PHYSICS ASSOCIATES, LLC
5346 PETERS CREEK ROAD, SUITE A3, ROANOKE, VA 24019

*has been approved to conduct the following type(s) of inspections
within the Commonwealth of Virginia*

Diagnostic, Mammography Inspections & Shielding Design

Date Issued: 2/17/2023

Expiration Date: 3/1/2026

Kelsey Held

Director, Division of X-ray Programs

NOTICE OF REGISTRATION

Pavlina Pike, PhD, DABR

5346 Peters Creek Rd NW, #A3
Roanoke, VA 24019

Registration Number

997462

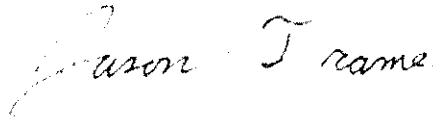
11/27/2026

Registration Expiration

MQSA Medical Physicist
Radiation Machine Evaluation

**West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Environmental Health Services
Radiological Health Program
[64-CSR-23]**

Activities conducted under the authority of this registration must comply with the Radiological Health Rule, West Virginia Code of State Regulations, Title 64, Series 23



Jason Frame, Director
Office of Environmental Health Services