

David B. Abbott

Contact Information	Physics Associates, LLC Diagnostic, Therapeutic and Health Physics 5346 Peters Creek Rd, A3 Roanoke, VA 24019-3855	office: (540) 563-0165 email: DAbbottPA@gmail.com
Education	North Carolina State University, Raleigh, NC Master of Science - Physics University of Virginia, Charlottesville, VA Bachelor of Science - Physics Bachelor of Arts - Mathematics	2012 - 2014 2008 - 2012
Current Employment	Physics Associates, LLC, Roanoke, VA Physicist <ul style="list-style-type: none">• Duties in the fields of Diagnostic Imaging and Nuclear Medicine consist of regulatory surveys for fluoro and diagnostic radiographic systems and nuclear medicine quarterly/annual audits. Additional duties include performing radiation safety surveys, providing radiation safety training and DOT/Hazmat training, as well as assisting/consulting in other areas of health physics.	
Certification	Department of Transportation - Hazardous Materials Shipper Training, January 5, 2017	
Teaching Experience	Central Virginia Community College, Lynchburg, VA Adjunct Instructor - Physics & Mathematics North Carolina State University, Raleigh, NC Education and Research Laboratory Fellow Laboratory Instructor & Teaching Assistant Outdoors at UVA, Charlottesville, VA Outdoor Recreation Trip Leader	2014 - 2016 2013 - 2014 2012 - 2014 2010 - 2012
Research Experience	Clarke Lab - NCSU, Raleigh, NC Graduate Research Assistant <ul style="list-style-type: none">• Fabricated, processed and analyzed active, polymer-based nanocomposite films Antimatter Asymmetry Group - UVA, Charlottesville, VA Undergraduate Research Assistant <ul style="list-style-type: none">• Computational analysis of fast neutrons' interactions with plastic scintillator material• Assembled a Multiwire Drift Chamber and set-up an Argon-based gas mixing chamber	2013 - 2014 2011 - 2012
Publications & Presentations	D. B. Abbott, S. Maity, M. T. Burkey, R. E. Gorga, J. R. Bochinski and L. T. Clarke, "Blending with Non-Responsive Polymers to Incorporate Nanoparticles into Shape Memory Materials and Enable Photothermal Heating: The Effects of Heterogenous Temperature Distribution," <i>Macromolecular Chemistry and Physics</i> (2014). [DOI: 10.1002/macp.201400386]	

American Physical Society (APS) April Meeting 2012, "Study of the Sensitivity of Plastic Scintillator to Fast Neutrons" - Atlanta, GA, 31 March 2012.

Southeastern Section of the American Physical Society (SESAPS) 2011, "Study of the Sensitivity of Plastic Scintillator to Fast Neutrons" - Roanoke, VA, 20 October 2011.

Awards

'Outstanding Adjunct Faculty Award' from Central Virginia Community College, 2016

'University Outstanding Teaching Assistant Award' recognition by the UGSA at NCSU, 2013

Finalist at the University of Virginia's 'Presidential Research Poster Competition,' 2012

'Future of Physics Travel Award' from the APS to attend the APS April Meeting, 2012

'Best Undergraduate Oral Presentation' awarded at the SESAPS meeting, 2011

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH

Office of Radiological Health

This is to acknowledge that

DAVID B. ABBOTT

License Number: RH-145-17-506

PHYSICS ASSOCIATES, LLC

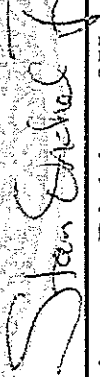
5346 PETERS CREEK ROAD, NW, SUITE A3, ROANOKE, VA 24019

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

Diagnostic, Non-Medical Inspections & Shielding Design

Date Issued: 10/27/17

Expiration Date: 11/1/2020



Director, Division of X-ray Programs

NOTICE OF REGISTRATION

David Benjamin Abbott

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

Registration Number

997497

- Shielding Design
- General Health Physics Consultant
- Radiation Machine Evaluation

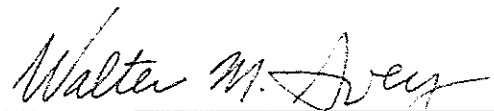
West Virginia Department of Health and Human Resources
Bureau for Public Health
Office of Environmental Health Services
Radiological Health Program
[64-CSR-23]

12/14/2020

Registration Expiration

* * *

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



Walter M. Ivey, Director
Office of Environmental Health Services

THIS IS TO CERTIFY THAT

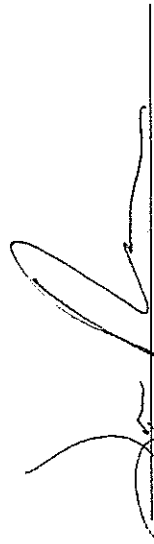
David Abbott

Has Successfully Completed

*Department of Transportation Hazardous Materials Shipper Training
in accordance with the training requirements as outlined in
49 CFR Part 172, Subpart H, and the requirements of Physics
Associates' Radioactive Materials License*

At: Physics Associates, LLC

Date: January 5, 2017


Instructor: Jason C. Mace, M.S.
Physics Associates, LLC; Roanoke, VA

MTMI


Medical Technology
Management Institute

THIS CERTIFIES THAT:
DAVID ABBOTT

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:
HANDS-ON ULTRASOUND PHYSICS WORKSHOP
Jun 9 - 10, 2017 | Ann Arbor, MI

This activity provides 15.25 hours of continuing education in ultrasound physics.
Approval has been received from CAMPEP for up to 15.25 hours of Medical Physics
Continuing Education Credits (MPCEC'S) Credits to be awarded by CAMPEP.

This program has been approved for 13.75 hours of Category A continuing education
credit for Radiologic Technologists recognized by the ARRT and various states.
ASRT# WID0067006 (06/11/2017)


MTMI, Director

MTMI
W140 N8917 Lilly Road
Menomonee Falls, WI 53051
A continuing education division of Herzing University

CERTIFICATE OF COMPLETION

Awarded to

David Abbott

FOR SUCCESSFULLY COMPLETING HIPAA EXAMS, INC.
TRAINING PROGRAM REQUIREMENTS FOR
HIPAA for Health Care Workers



HIPAA EXAMS, INC. IS ACCREDITED AS A PROVIDER OF CONTINUING NURSING EDUCATION BY THE
AMERICAN NURSES CREDENTIALING CENTER'S COMMISSION ON ACCREDITATION.

CEUs: 1.0C

194380

Certification Number

HIPAA+
EXAMS

01/18/2017

Activity Date

Provider: HIPAA Exams, Inc. Please Visit www.HipaaExams.com or 888-362-2288



COMMONWEALTH of VIRGINIA

Marissa J. Levine, MD, MPH, FAAFP
State Health Commissioner

Department of Health
P O BOX 2448
RICHMOND, VA 23218

TTY 7-1-1 OR
1-800-828-1120

October 27, 2017

David B. Abbott
Physics Associates, LLC
5346 Feuers Creek Road, NW, Suite A3
Roanoke, VA 24019

Dear Mr. Abbott:

This is to inform you that your name has been added to our private inspector list for the inspection of **Diagnostic and Non-Medical x-ray equipment and Shielding Design**, effective October 24, 2017.

Enclosed is a certificate acknowledging that you have been approved to conduct the approved types of inspections within the Commonwealth of Virginia. This certificate should be made available to your clients and is valid for three years. You will be sent a renewal application approximately two months prior to the expiration date of this certificate. Our current regulations and forms are available on our website at www.vdh.virginia.gov.

A copy of our Private Inspector booklet will be sent to you when we do our next update. This information will also be available on our website. When you receive the booklet, please check your name, address and telephone number for accuracy. If there are changes to be made, please notify Kim Knight at our central office location address: **Virginia Department of Health; Office of Radiological Health; P. O. Box 2448, Room 730; Richmond, VA 23218.**

Sincerely,

A handwritten signature in blue ink that reads "Stan Orchel, Jr." with a stylized flourish at the end.

Stan Orchel, Jr.
Director, Division of X-ray Programs
Office of Radiological Health

Enclosure