

## Erin Leigh France

301 N. Walker Ave. Apt. 7403, Oklahoma City, OK 73102  
Phone: (405) 788-1465 Email: Erin.L.France@Gmail.com

### Certification

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**American Board of Radiology: Board Eligible, passed part 1 of ABR Exam**

**MQSA: Qualified for FFDM, DBT, and Stereotactic**

### Professional and Clinical Experience

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**University of Oklahoma Health Sciences Center  
Diagnostic Imaging Physics Residency Program (CAMPEP Accredited)  
Resident**

Oklahoma City, OK  
07/2016 – current

- Experience:
  - Received clinical and didactic training in all major diagnostic imaging modalities
  - Scheduled, performed, and report results for annual, acceptance, and repair inspections
  - Managed work between multiple sites on campus and throughout metro area
  - Performed ACR annual testing on MRI
  - Performed ACR Accreditation on CT (1 accredited, with 2 in progress)
  - Performed shielding design calculations for new room in accordance with NCRP 147
  - Performed shielding thickness and integrity checks for existing shielded rooms
  - Trained incoming resident and graduate students in clinical techniques
  - Managed graduate student clinical work schedule
  - Developed an MRI protocol for brachial plexus trauma, which is currently in use
  - Planned and executed graduate student clinical labs with faculty
  - Evaluated and compared radiation measurement equipment between vendors
  - Shadowed radiologists of various specialties to understand room use
- Clinical Inspections (950+ hours):
  - Mammography: Hologic (10 Selenia Dimensions, 3 Selenia), Site QC (4 Inspections), Workstations, Printer
  - Stereotactic: Hologic, Mammotome
  - MRI: Philips, GE (3 Accepted)
  - Breast MRI: Aurora
  - CT: Philips, Siemens, GE (2 Accepted)
  - CBCT: Varian OBI, CPI Proton OBI
  - Interventional: Philips, GE, Siemens (1 Accepted)
  - Fluoroscopy: Domier Medtech, GE, Omega, Philips, Siemens, Ziehm (8 Accepted)
  - Radiographic: Amrad, Carestream, Fuji, GE, Philips, Quantum, Sedecal, Summit Industries (6 Accepted)
  - DR: Philips, GE Fuji, Carestream, Konica (6 Accepted)
  - CR: Konica
  - O-arm: Medtronic (1 Accepted)
  - Bone Density: GE, Hologic
  - Dental: Planmeca
  - Pano Dental: Planmeca
  - Digital Biopsy: Faxitron
  - Shielding: Design, Integrity and Thickness Checks
  - Lead Apparel: Aprons, Vests, Kilts, Thyroids, Caps, Glasses, Gonadal, Shoulder

**University of Oklahoma Health Sciences Center  
Department of Radiological Sciences  
Graduate Assistant**

Oklahoma City, OK  
08/2013 – 08/2015

- Participated in Annual QA Testing on CR Readers, C-arms, Mini C-arms, Radiographic Units, Portable Radiographic Units, and Radiography/Fluoroscopy Units
- Completed annual safety inspections of lead aprons, thyroid, vests, kilts, etc.
- Assisted with new protocol setup for MRI
- Spoke with vendors, radiologists, and technicians over MRI image quality improvement

**University of Oklahoma Health Sciences Center  
Radiation Safety Office**  
Graduate Assistant

Oklahoma City, OK  
08/2013 – 08/2014

- Performed quarterly lab audits, lab decommissions, GM survey meter calibrations, and radioactive waste pickup from labs
- Assisted with cleanup of contaminated areas or items

**Firelake Discount Foods**  
Cashier

Shawnee, OK  
05/2013 – 08/2013

**YMCA Day Camp**  
Camp Counselor

Shawnee, OK  
05/2010 – 08/2010

## **Education**

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**University of Oklahoma Health Sciences Center**  
CAMPEP Accredited  
Masters of Science in Medical Physics

Oklahoma City, OK  
08/2013 – 05/2016

**Cameron University**  
Bachelors of Science in Physics

Lawton, OK  
08/2009 – 05/2013

## **Professional Memberships**

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**American Association of Physicists in Medicine**

01/2014 – current

**Phi Kappa Phi (National Honor Society)**

Inducted 05/2011

**Pi Mu Epsilon (Mathematics Honor Society)**

Inducted 05/2011

**Sigma Pi Sigma (Physics Honor Society)**

Inducted 05/2011

## **Research Experience**

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**University of Oklahoma Health Sciences Center  
Department of Radiological Sciences**

Oklahoma City, OK  
06/2014 – current

Thesis Title: *Medical Physics Approach to Quality Improvement of Brachial Plexus MRI Scans*

- Developed an MRI protocol for brachial plexus trauma, based on information from papers and radiologists
- Tested the new protocol on healthy volunteers
- Protocol currently in use at sites

**Indiana University REU  
Center for Exploration of Energy and Matter**

Bloomington, IN  
05/2012 – 07/2012

*Development of a GEM-based Imaging Detector for Small Field Dosimetry in Proton Therapy Beams*

- Developed a double gas electron multiplier (GEM) dose imaging detector with the optical readout of scintillation light using a charge-coupled (CCD) camera
- Tested the dose rate response, response reproducibility, and detector spatial response

**Texas A&M University REU  
Cyclotron Institute**

College Station, TX  
06/2011 – 08/2011

*Optimization of a Scintillator for the Measurement of Positrons from Trapped, Polarized 37-K*

- Optimized the readout of a scintillator by wrapping the front face and sides of the scintillator and light guide with various reflective materials to find which maximized the light output
- Tested the position dependence of the detector by moving a collimated source of betas across the front face

## **References**

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Available upon request

# COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HEALTH  
*Office of Radiological Health*

*This is to acknowledge that*

**ERIN FRANCE**

License Number: RH-135-18-522

PHYSICS ASSOCIATES

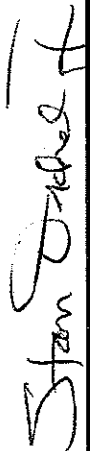
5346 PETERS CREEK ROAD, SUITE 3, ROANOKE, VA 24019

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

**Diagnostic, Mammography Inspections & Shielding Design**

Date Issued: 06/22/18

Expiration Date: 7/1/2021



Director, Division of X-ray Programs

# NOTICE OF REGISTRATION

## Erin Leigh France

5346 Peters Creek Rd, N.W.  
Roanoke, VA 24019

### Registration Number

997517

- General Health Physics Consultation
- Radiation Machine Evaluation
- Shielding Design
- MQSA Medical Physicist

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

08/06/2021

Registration Expiration

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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



Handwritten signature of Walter M. Ivey in cursive script.

Walter M. Ivey, Director  
Office of Environmental Health Services

**CABINET FOR HEALTH AND FAMILY SERVICES**

**Commonwealth**



**of Kentucky**

**EXPIRATION DATE:**  
1/31/2019

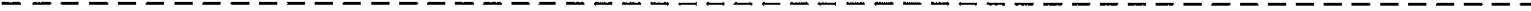
**CERTIFICATE NO:**  
803303

**RADIATION HEALTH PHYSICST CONSULTANT  
QUALIFICATIONS F G**

**Erin L. France  
Physics Associates, LLC  
5346 Peters Creek Road  
Ste. A3  
Roanoke VA 24019**

**Adam M. Meier, Secretary  
Cabinet for Health & Family Services**

**Division Director, Rebecca Gillis  
Division of Public Health Protection and Safety**



THIS IS TO CERTIFY THAT

*Erin L. France*

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: September 13, 2018

*Lee S. Anthony*

Instructor: Lee S. Anthony, Ph.D.  
Physics Associates, LLC; Roanoke, VA