

**PHYSICS  
ASSOCIATES'  
MAMMOGRAPHY  
C.V. PACKAGE**



June 1, 1999

Lee S. Anthony, Jr.  
Physics Associates  
5346 Peters Creek Road  
Roanoke, VA 24019

Dear Mr. Anthony:

After reviewing your credentials, the Division has determined that you meet the alternative initial qualifications for medical physicists described in 21 CFR 900.12(a)(3)(ii) of the final Mammography Quality Standards Act regulations, which became effective on April 28, 1999.

If you have any further questions on this, please contact Dr. Roger Burkhardt of my staff at 301-594-3303.

Sincerely yours,

John L. McCrohan, M.S.  
Director  
Division of Mammography Quality  
and Radiation Programs  
Office of Health and Industry Programs  
Center for Devices and Radiological Health

# ATTESTATION FORM

## Regarding Requirements of the Mammography Quality Standards Act

Attestation must include as much of the following information as possible:

Name of the institution/facility where the applicable training or mammography reading/interpreting, or other activity, took place; name of the course(s) or training (where applicable); the attendance, reading/interpreting, or other activity dates; and the supervising/responsible person (where applicable) for the institution/facility. Please provide these details in the space below. Attach additional sheets if necessary.

I Lee S. Anthony, Jr. attest that, to the best of my knowledge and my belief, the following information provided in this declaration is true and correct. I understand that FDA may request additional information to substantiate the statements made in this declaration:

The sheet titled Training and Experience of Lee S. Anthony, Jr. In Digital Mammography (with dates from 1995 to 2004) and the August 2002 MTMI certificate, should be used to document my initial 8 hours of training in digital mammography.

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

I understand that knowingly providing false information in a matter within the jurisdiction of an agency of the United States could result in criminal liability, punishable by up to \$10,000 fine and imprisonment of up to five years, or civil liability under the MQSA, or both

Lee S. Anthony, Jr.  
Attestor's Signature and Title

June 21, 2021

Date signed

Facility Name and Address (if applicable) (including zip code):

Physics Associates  
5346 Peters Creek Road  
Roanoke, VA 24018

Facility ID Number (if applicable) \_\_\_\_\_

**TRAINING AND EXPERIENCE OF LEE S. ANTHONY, Jr. IN DIGITAL  
MAMMOGRAPHY**

<u>Hours</u>	<u>Date</u>	<u>Title</u>
1	June 24, 1995	Lecture by Martin Yaffe on Digital Mammography
2.75	Sept. 20 & 21, 1996	Session #4 of Mammography and MQSA: The Physicists Role. Entitled: Full Field Digital Mammography
1	Sept. 20 & 21, 1996	Survey Workshop on Digital Stereotactic Mammography Unit
1	Sept. 24 & 25, 1999	Overview of Dectector Technologies and Acceptance Testing and Q.A. Control
0.75	Sept. 24 & 25, 1999	Clinic Motivation for Digital Mammography
0.75	Sept. 24 & 25, 1999	New Techniques Utilizing Digital Technology
0.5	Sept. 24 & 25, 1999	Digital Mammography Workstation Designs
0.25	Sept. 24 & 25, 1999	Stereotactic Breast Biopsy: Imaging Geometry, Detector Design, Advance in Reconstruction
1	Sept. 24 & 25, 1999	Physics Testing of Stereotactic Mammography Equipment
6.0	May 9-10, 2002	The 6 <sup>th</sup> Annual Seminar on the Physics of Mammography
12.0	August 23 & 24, 2002	The Physics of Mammography "Hands-On Workshop for Surveying Digital Mammography Units
7.0	October 2-3, 2004	The Physics of Mammography 2004

In addition, Lee S. Anthony, Jr. has had experience surveying five digital stereotactic mammographic units at facilities which are clients of Physics Associates.



THIS CERTIFIES THAT:

LEE S. ANTHONY JR.

HAS SUCCESSFULLY COMPLETED THE COURSE ENTITLED:

**"HANDS-ON WORKSHOP FOR SURVEYING/DIGITAL MAMMOGRAPHY UNITS"**  
August 23 & 24 2002 Bethesda, MD Inc.

*Medical Technology Management Institute*

This course provides 12 hours of continuing education in the surveying of digital mammography units in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900).

*J. Ed Barnes, Ph.D.*

Co-Directors: Jerry Thomas, M.S., DABR, CHP, DABSNM  
J. Ed Barnes, Ph.D., FACR

MTMI  
P.O. Box 26337  
Milwaukee, Wisconsin 53226  
(414)774-2233

# COMMONWEALTH OF VIRGINIA

## DEPARTMENT OF HEALTH

*Office of Radiological Health*

*This is to acknowledge that*

**LEE S. ANTHONY, JR.**

License Number: RH-134-99-04

PHYSICS ASSOCIATES

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, Mammography, Non Medical & Shielding Design**

**Date Issued: 6/11/2020**

**Expiration Date: 8/1/2023**



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**Director, Division of X-ray Programs**

# NOTICE OF REGISTRATION

**LEE S. ANTHONY, JR**

5346 PETERS CREEK ROAD, N.W.  
ROANOKE, VA 24019

**Registration Number**

**806014**

**1/7/2024**

**Registration Expiration**

Shielding Design  
General Health Physics Consultant  
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



*Michelle L. Cochran*

Michelle L. Cochran, Director  
Office of Environmental Health Services

**CABINET FOR HEALTH AND FAMILY SERVICES**

**Commonwealth**



**of Kentucky**

EXPIRATION DATE:  
1/31/2022

CERTIFICATE NO:  
803110

RADIATION HEALTH PHYSICIST CONSULTANT

QUALIFICATIONS F G

**Lee S. Anthony, Jr.**  
**Physics Associates**  
**5346 Peters Creek Rd.**  
**Roanoke VA 24019**

Eric C. Friedlander, Secretary  
Cabinet for Health & Family Services

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

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MEDICAL PHYSICS  
SHIELDING RECOMMENDATIONS



RADIATION PHYSICS  
EMERGENCY CONSULTATION

## PHYSICS ASSOCIATES, LLC

Lee S. Anthony, Ph.D.  
Certified Health Physicist  
Certified Medical Physicist  
Certified Radiological Physicist  
Jason C. Mace, M.S.

**5346 Peters Creek Road  
Roanoke, Virginia 24019  
Tel: (540) 563-0165  
Fax: (540) 563-0082  
LSAPA@aol.com  
www.physicsassociates.org**

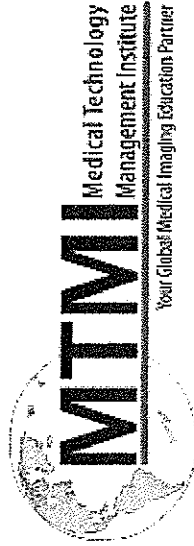
Lee S. Anthony, Jr., B.S., M.A.  
Kay A. Saul, B.S.  
Dan L. White, A.A.S  
L. Jeff Rakes, B.S., R.T.  
Terry L. Francisco, Admin. Assist.

To Whom it May Concern:

On January 31, 2016, during MTMI's 19<sup>th</sup> Annual Update for Physicists, Dr. Razvan Jorache of G.E., lectured on the "unique features" of the SenoClaire Breast Tomosynthesis unit. This lecture included how to perform the physicist's Q.C. on the above unit. My first inspection on a SenoClaire unit was on April 15, 2015. During the entire inspection on this unit, the G.E. service engineer/installer was on-site offering guidance and assistance.

In addition, training on the unique features of the G.E. DBT unit was also received during MTMI's 20<sup>th</sup> Annual Update for Physicists.

*Lee S. Anthony, Jr.*  
Lee S. Anthony, Jr., B.S. M.A.



THIS CERTIFIES THAT:  
**LEE ANTHONY JR**  
 HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:  
**ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS**

**October 24-25, 2020**

This seminar provides 17 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP. It also includes 8 hours training on the surveying of digital mammography units, 3 hours on stereotactic breast biopsy units, & 9.5 hours on digital breast tomosynthesis (DBT). It includes the unique features of the following FDA approved DBT systems: Hologic Selenia Dimensions; GE Pristina and GE SenoClaire Digital Breast Tomosynthesis (DBT) System, Siemens Mammomat Inspiration with Tomosynthesis Option

(DBT)System and Fujifilm Aspire Cristalle with Digital Breast Tomosynthesis (DBT) Option. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states. Credit Hours: 19.5 CategoryA ASRT#: WIZ0130065 Expiration Date 03/1/2021

*Ernesto A. Cerdas, Ph.D*  
 MTMI, President  
 10361 Innovation Drive, STE #400  
 Milwaukee, WI 53226

**MTMI**

Medical Technology  
Management Institute

THIS CERTIFIES THAT:

**LEE S ANTHONY JR.**

HAS SUCCESSFULLY COMPLETED THE SEMINAR ENTITLED:

**"22ND ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS"**

October 20 - 21, 2018

held in Charleston, SC

This seminar provides 16.5 hours of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP.

This seminar includes 8 hours training on the surveying of digital mammography units, 3 hours on stereotactic breast biopsy units, and 9.5 hours on digital breast tomosynthesis (DBT).

The training includes the unique features of the following FDA approved DBT systems: Hologic Selenia Dimensions; GE Pristina and SenoClaire Digital Breast Tomosynthesis (DBT) System, Siemens Mammomat Inspiration with Tomosynthesis Option (DBT) System and Fujifilm Aspire Cristalle with Digital Breast Tomosynthesis (DBT) Option.

18.5 hours of Category A credit for Radiologic Technologists have been approved by the ASRT.  
ASRT# WID0108028 ( 10/22/2018 )



Denise Lukasik - Sedmak, EdD, RT(R)(M)(MR)(CT)

Executive Director

MTMI

W140 N8917 Lilly Rd.  
Menomonee Falls, WI 53051  
A continuing education division of  
Herzing University

**MTMI**

Medical Technology  
Management Institute

THIS CERTIFIES THAT:

**LEE ANTHONY JR.**

HAS SUCCESSFULLY COMPLETED THE SEMINAR ENTITLED:  
**"20TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS"**

October 1 - 2, 2016

held in Alexandria, VA

This seminar provides 15.75 hours of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900).

Credits to be awarded from CAMPEP:

This seminar includes 8 hours training on the surveying of digital mammography units,  
3 hours on stereotactic breast biopsy units, and 2.5 hours on digital breast tomosynthesis (DBT).

The training includes the unique features of the Hologic, GE and Siemens DBT units.

18 hours of Category A credit for Radiologic Technologists have been approved by the ASRT.  
ASRT# WID0106031( 10/03/16 )



Denise Lukasik - Sedmak, EdD, RT(R)(M)(MR)(CT)  
Interim Executive Director

MTMI

W140 N8917 Lilly Rd.  
Menomonee Falls, WI 53051

A continuing education division of  
Hercules University



**Lee S. Anthony, Jr., B.S., M.A.**  
**Health Physicist**

Completed 6 hours of Hologic's product training in accordance with MQSA guidelines for Digital Mammography Systems.

Dimensions (with tomosynthesis option), Installation and Acceptance Training.

Date: May 23, 2014

Location: Augusta Health, Fishersville, VA

Instructor/Installation Service Engineer: Robert Whitver

To whom it may concern:

Lee S. Anthony, Jr., Health Physicist was trained at Bath County Community Hospital on the 12<sup>th</sup> day of September, 2014, on the Siemens Inspiration Mammography unit.

The Installation Evaluation and physics tests required by the QC manual were covered.

Everything was completed and tested satisfactory.

Mr. Shawn Croes was the Siemens Supervising Installation Service Engineer.

The above training of Lee S. Anthony, Jr. on September 12, 2014 was for **6 hours**.

# Certificate of Completion

This certifies that the person named below has completed a  
1 Hour HIPAA Training Class  
and has passed a written knowledge assessment

## COURSE FOR HIPAA HIPAA TRAINING CLASS

Lee S. Anthony, Jr.  
Roanoke, VA

Date of Course Completion: 12/23/2020

Valid for 1 Year

Certificate Number: 436169



Mr. Robert A. Williams, Program Director  
(888) 338-8855 | [certificate@courseforhipaa.com](mailto:certificate@courseforhipaa.com)

MAP ID Nos. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Each medical physicist who provides medical physics services at this facility must verify that they meet FDA requirements by completing a copy of this form.

Please print and complete this form. Signature dates must be within one year from the date of the most recent medical physicist's Annual Survey report. Original, electronic or faxed signatures are required and considered legally binding for this document. Stamped signatures are not acceptable. Complete all sections; an incomplete application will delay your accreditation.

**PRIVILEGED and CONFIDENTIAL • PEER REVIEW**

Code of Virginia 8.01-581.17

**PERSONNEL • MEDICAL PHYSICIST**

1. Name: Anthony, Jr. Lee S. B.S.; M.A.  
LAST NAME FIRST NAME MI DEGREE

2. ACR Membership ID#: (optional) \_\_\_\_\_

3. Initial qualifying date (earliest date qualified to do mammography physics. Medical physicists qualifying prior to the MQSA Interim Rules should check "prior to October 1, 1994."):

prior to October 1, 1994 or specify date after October 1, 1994 \_\_\_\_\_ / \_\_\_\_\_  
MO YR

**INITIAL QUALIFICATIONS**

4. Do you meet FDA requirements for initial qualifications for medical physicists? (complete ONLY the column that pertains to you)

FDA Requirements	Initial Qualifications (Master's degree or higher)		Alternative Initial Qualifications must have met before April 28, 1999 (Bachelor's degree)	
	Board	Year	Board	Year
Qualified as a medical physicist under FDA's interim regulations and retained that qualification by maintenance of the active status of licensure, approval, or certification?	Not applicable		<input type="checkbox"/> <sup>1</sup> No	<input checked="" type="checkbox"/> <sup>2</sup> Yes
Board Certified by either the 1. American Board of Radiology (ABR) in Diagnostic Radiological Physics* (alone or combined with another sub-specialty), Radiological Physics, Roentgen Ray or Gamma Ray Physics or X-Ray and Radium Physics, or 2. American Board of Medical Physics (ABMP) in Diagnostic Imaging Physics *also, effective 2011, Diagnostic Medical Physics	ABR		ABR	
State licensed?	<input type="checkbox"/> <sup>1</sup> No	<input type="checkbox"/> <sup>2</sup> Yes	<input type="checkbox"/> <sup>1</sup> No	<input checked="" type="checkbox"/> <sup>2</sup> Yes
State approved?	<input type="checkbox"/> <sup>1</sup> No	<input type="checkbox"/> <sup>2</sup> Yes	<input type="checkbox"/> <sup>1</sup> No	<input checked="" type="checkbox"/> <sup>2</sup> Yes
Meet the following degree requirement in a physical science from an accredited institution?	Master's degree or higher <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes		Bachelor's degree obtained before training and initial experience <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	
Have no less than the following semester hours or equivalent of college undergraduate or graduate level physics?	20 semester hours or equivalent <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes		10 semester hours or equivalent <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	
Have the following contact hours of documented specialized training in conducting surveys of mammography facilities?	20 hours <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes		40 hours <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	
Have experience conducting surveys of at least one mammography facility and the following number of mammography units? (No more than one survey of a specific unit within a period of 60 days may be counted towards the total mammography unit survey requirement. If experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical physicist).	10 units <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes		20 units <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	

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New modalities: You must have received at least 8 hours of modality-specific training (e.g., full-field digital or screen-film) in surveying these systems before independently performing surveys on these systems. Have you received this training? (may be included in the above formal mammography education or obtained separately)

- Full-field digital mammography (direct capture digital and/or computed radiography) <sup>1</sup>No <sup>2</sup>Yes
- Screen-film mammography <sup>1</sup>No <sup>2</sup>Yes
- Digital Breast Tomosynthesis (DBT) <sup>1</sup>No <sup>2</sup>Yes

**CONTINUING EXPERIENCE**

5. How many mammography facilities and units have you surveyed over the previous 24-month period?

# facilities: 27 # units: 61

If less than 2 facilities and 6 units, are you in the process of requalifying?

- <sup>1</sup>No <sup>2</sup>Yes

**CONTINUING EDUCATION**

6. Have you earned at least 15 continuing education units in mammography in a 36-month period? (see FDA's Policy Guidance Help System for acceptable subject areas)

- <sup>1</sup>No <sup>2</sup>Yes

If you answered "No", are you in the process of requalifying?

- <sup>1</sup>No <sup>2</sup>Yes

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I certify that the information provided is true and correct.

Executed on: October 1, 2021  
DATE

Lee S. Anthony, Jr.  
SIGNATURE OF MEDICAL PHYSICIST

# 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, Non-Medical Inspections & Shielding Design**

Date Issued: 5/11/2021

Expiration Date: 7/1/2024



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Director, Division of X-ray Programs

# NOTICE OF REGISTRATION

**ERIN LEIGH FRANCE**

5346 PETERS CREEK RD, N.W.  
ROANOKE VA, 24019

**Registration Number**

**997517**

**6/15/2024**

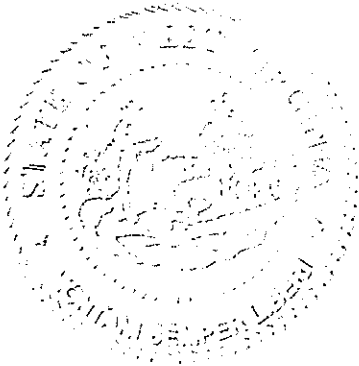
**Registration Expiration**

Shielding Design  
General Health Physics Consultant  
Radiation Machine Evaluation  
Radioactive Source Services

**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



*Michelle L. Cochran*

Michelle L. Cochran, Director  
Office of Environmental Health Services

**CABINET FOR HEALTH AND FAMILY SERVICES**

**Commonwealth**



**of Kentucky**

EXPIRATION DATE:  
1/31/2022

CERTIFICATE NO:  
803303

**RADIATION HEALTH PHYSICIST CONSULTANT  
QUALIFICATIONS F G**

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

Eric C. Friedlander, Secretary  
Cabinet for Health & Family Services

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

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STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Radiological Health  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 15th Floor  
Nashville, Tennessee 37243  
Telephone: (615) 532-0364  
Fax: (615) 532-0614

Date: 01/24/2019

Erin L. France  
5346 Peters Creek Road, Ste. A3  
Roanoke, VA 24019

Dear Ms. France:

After reviewing your credentials, the Division has determined that you meet the qualification requirements described in Section 0400-20-10-.24(3) of the regulations to become a Registered Inspector. This copy is your receipt, and will serve as your Certificate of Registration issued through **December 31, 2019**. Your authorization is effective **01/24/2019**.

You have been approved to perform radiation machine inspections for the following Classes of machines as defined in "State Regulations for Protection Against Radiation," 0400-20-10-.24(3):

**Classes: I, II, III, V, VI**

You have been assigned Registered Inspector Number **#3022**

Enclosed are the forms to be completed for each inspection. Please use these originals to make your own copies. Completed forms are to be provided to the registrant to submit to the Department within 60 days of the date of your inspection to qualify them for a reduced fee. The registrant should be advised that any deficiency must be corrected and appropriate documentation of the correction submitted to the Department within 60 days of the date of your inspection.



## TENNESSEE REGISTERED INSPECTORS LIST--2021

Revised June 04, 2021

**Inspector Number: 3022**

Approved Classes: I, II, III, V, VI  
Erin L. France  
5346 Peters Creek Rd NW, #A3  
Roanoke, VA 24019  
Phone: 540-563-0165  
Fax: 540-563-0082  
Email: erinfrance.pa@gmail.com

**Inspection Number: 3024**

Approved Classes: I,II,III,V,VI  
Robert C. Ike, III, MS,DABR (D,N)  
1911 Evans Rd  
Cary, NC 27513  
Phone: 919.886.1061 (Mobile)  
Email: RIke@landauermp.com

**Inspection Number: 3025**

Approved Classes: I,II,III,IV,V,VI,VII  
Christopher M. Helstern  
1161 2<sup>nd</sup> Ave South MCN A0201  
Nashville, TN 37232  
Email: christopher.m.helstern@vumc.org

**Inspection Number: 3026**

Approved Classes: III, IV  
Michael Howard, PhD RSO  
8111 Gatehouse Xing  
Chattanooga, TN 37421  
Phone: 423-493-1691  
Email:  
Michael.Howard@hcahealthcare.com

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In accordance with "State Regulations for Protection Against Radiation" (SRPAR) 0400-20-10-.24(3)(d), the persons named on this list have been approved to provide radiation machine inspection services as permitted by "SRPAR" 0400-20-10-.27(4). Please note that they have only been approved for the specific Class(s) of radiation machine(s) as indicated.

# Certificate of Achievement



Presented to:

**Erin France**

**Annual Mammography Update for Physicists  
October 24-25, 2020**

SAM Title	Credits	Approved	Date Given
The Diagnosis and Treatment of Breast Cancer	1.0	02/01/2019	10/24/2020
Digital Breast Imaging Technology & Technical Considerations	1.0	02/07/2020	10/24/2020
Surveying/QC of Stereotactic Breast Biopsy Units	1.0	10/01/2019	10/24/2020
Evaluation of Stereotactic/Tomosynthesis-Guided Breast Biopsy Units	1.0	10/22/2020	10/24/2020
Clinical Experience with Digital Breast Tomosynthesis	1.0	02/01/2019	10/24/2020
Stereotactic Breast Biopsy: Clinical Considerations	1.0	02/01/2019	10/24/2020
ACR FFDM QC Manual and Phantom Update	1.0	10/07/2020	10/24/2020
Motivation and Strategies for Transitioning to the ACR DMQC Manual	1.0	02/07/2020	10/24/2020
Soft Copy Display: Image Communication and QC	1.0	02/01/2019	10/24/2020

**"Qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR maintenance of certification program."**

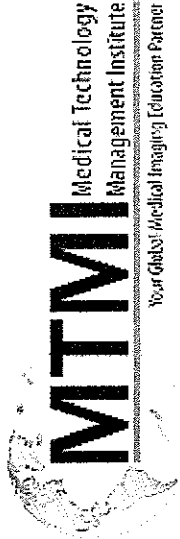
*Ernesto A. Cerdena, Ph.D.*

**92.2%**

Ernesto A. Cerdena, PhD, MS, RT(R)(CT)(CV), CRA, FAHRA, FACHE  
resident  
ITMI Global

October 28, 2020

10361 Innovation Drive, Suite 400  
Milwaukee, WI 53226  
*Your Global Medical Imaging Partner*



THIS CERTIFIES THAT:  
**ERIN FRANCE**  
 HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:  
**ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS**  
**October 24-25, 2020**

This seminar provides 17 hrs of continuing education in mammography for medical physicists in compliance with the requirements of the Mammography Quality Standards Act of 1992 and FDA final rules (21CFR Part 900). Credits to be awarded from CAMPEP. It also includes 8 hours training on the surveying of digital mammography units, 3 hours on stereotactic breast biopsy units, & 9.5 hours on digital breast tomosynthesis (DBT). It includes the unique features of the following FDA approved DBT systems: Hologic Selenia Dimensions; GE Pristina and GE SenoClaire Digital Breast Tomosynthesis (DBT) System, Siemens Mammomat Inspiration with Tomosynthesis Option

(DBT)System and Fujifilm Aspire Cristalle with Digital Breast Tomosynthesis (DBT) Option. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states. Credit Hours: 19.5 CategoryA ASRT#: WIZ0130065 Expiration Date 03/1/2021

*Ernesto A. Curales, Ph.D.*  
 MTMI, President  
 MTMI  
 10361 Innovation Drive, STE #400  
 Milwaukee, WI 53226



# Certificate of Achievement



Presented to:

**Erin France**

**CAMPEP Post-test**

**24th Annual Mammography Update for  
Physicists  
October 24-25, 2020**

*Ernesto A. Cerdena, Ph.D.*

**86.7%**

Ernesto A. Cerdena, PhD, MS, RT(R)(CT)(CV), CRA, FAHRA, FACHE  
President  
MTMI Global

**Oct 27, 2020**

10361 Innovation Drive, Suite 400  
Milwaukee, WI 53226  
*Your Global Medical Imaging Partner*



*The* UNIVERSITY of OKLAHOMA.  
*Health Sciences Center*  
*Department of Radiological Sciences*

June 4, 2018

To Whom It May Concern:

Erin France, MS, will successfully complete her CAMPEP accredited residency in diagnostic imaging physics on June 30, 2018. During the period of her residency program, July 2016 – June 2018, Ms. France received training and experience specific to mammography, which includes the following:

1. At least 20 contact hours of mammography facility survey training.
2. At least 1 mammography facility and 10 mammography unit surveys performed under direct supervision.
3. At least 8 hours of training in full field digital mammography.
4. At least 8 hours of training in digital breast tomosynthesis.

---

Sulaiman Aldoochan, Ph. D., DABR  
Diagnostic Imaging Medical Physics Residency Program Co-Director



Erin France  
Summary of Mammography Initial Experience

Date	Site	Model	Modality	Survey Type	Supervising Physicist
10/28/2016	BHNE	Hologic Multicare Platinum	Stereotactic	Unit	SA
12/20/2016	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
1/11/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
1/18/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
1/25/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
2/8/2017	BHNE	-	-	Facility	WW
4/28/2017	BHNSW	Hologic Selenia Dimensions	FFDM	Unit	SA
5/10/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
7/26/2017	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
9/7/2017	BHNE	-	-	Facility	WW
10/6/2017	BHNSW	Hologic Selenia	FFDM	Unit	WW
10/11/2017	BHNNW	Mammotome MammoTest	Stereotactic	Unit	WW
10/18/2017	BHNNW	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
10/19/2017	BHNSW	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
10/27/2017	BHNNW	Hologic Selenia	FFDM	Unit	WW
11/2/2017	BHNNW	Hologic Selenia	FFDM	Unit	WW
12/7/2017	BHNSW	-	-	Facility	WW
12/8/2017	BHNE	Hologic Multicare Platinum	Stereotactic	Unit	WW
12/18/2017	BHNNW	-	-	Facility	WW
1/12/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
1/19/2018	BHNNW	Hologic Selenia	FFDM	Unit	WW
2/9/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
2/16/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
2/23/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
4/11/2018	BHNE	-	-	Facility	WW
6/1/2018	BHNE	Hologic Selenia Dimensions	FFDM + DBT	Unit	WW
6/6/2018	BHNNW	-	-	Facility	WW

**Sites:**

- BHNE - Breast Health Network Edmond, Edmond, OK
- BHNSW - Breast Health Network Southwest, Oklahoma City, OK
- BHNNW - Breast Health Network Northwest, Oklahoma City, OK

**Supervising Medical Physicists:**

- SA - Sulaiman Aldoohan, PhD, Sulaiman-Aldoohan@ouhsc.edu, 405-271-8001 ext. 53606
- WW - Weiyuan Wang, PhD, Weiyuan-Wang@ouhsc.edu, 405-271-8001 ext. 35419

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Edmond

**Address:** 2601 Kelley Pointe Parkway, Edmond, OK 73103

**MAP#:** RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

**QC Manual:** MAN-03706 Rev. 005

**Units:** Hologic Selenia Dimensions

**Rooms:** 128, 157, 159, 161

**Review Date:** 2/8/2017

**Physicists:**

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	<p>Rm 128: -One compression thickness form found in wrong section of notebook (placed in front of tab instead of behind). -Technologist Data Collection worksheet, mAs value for 8/23 may need to change from 41 to 44. -Technologist Data Collection worksheet for Tomosynthesis does not match Phantom Control Chart for Tomosynthesis for date 11/15 number of masses seen.</p> <p>Rm 157: -Technologist Data Collection worksheet does not match SNR/CNR plot or Phantom Control Chart for EI value on 10/10.</p> <p>Rm 159: -Technologist Data Collection worksheet does not match Compression Thickness Indicator plot for 10/10.</p> <p>Rm 161: -Technologist Data Collection worksheet does not match Phantom Control Chart for mAs on 9/27. -Technologist Data Collection worksheet for Tomosynthesis does not match Phantom Control Chart for Tomosynthesis for number of masses seen on 10/11 and number of masses seen on 9/13.</p> <p>It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.</p>
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#	Binder Location	Items	Frequency	128	157	159	161
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	N/A	N/A	N/A	N/A
		Viewboxes & Viewing Conditions		Pass	Pass	Pass	Pass
		Artifact Evaluation		Pass	Pass	Pass	Pass
		SNR & CNR Measurements		Pass	Pass	Pass	Pass
		Phantom Image		Pass	Pass	Pass	Pass
		Detector Flat-Field Calibration	Pass	Pass	Pass	Pass	
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass	Pass
2	Data Collection Worksheet	Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass	Pass
		Artifact	Weekly	Pass	Pass	Pass	Pass
		SNR & CNR		Pass	Pass	Pass	Pass
		Reported Thickness on Compression		Pass	Pass	Pass	Pass
3	Data Collection Worksheet (Tomosynthesis)	Phantom/Image Quality	Weekly	Pass	Pass	Pass	Pass
		Artifact		Pass	Pass	Pass	Pass
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	DWS1	DWS2	DWS3	DWS4
				Pass	Pass	Pass	Pass
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass	Pass	Pass
		Image Quality Plot		Pass	Pass	Pass	Pass
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	Pass	Pass	Pass
		Image Quality Plot		Pass	Pass	Pass	Pass
7	Artifact Evaluation	Technique	Weekly	Pass	Pass	Pass	Pass
		Artifacts		Pass	Pass	Pass	Pass
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass	Pass	Pass
		SNR Plot		Pass	Pass	Pass	Pass
		CNR Plot		Pass	Pass	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass	Pass
10	Visual Checklist	C-Arm	Monthly	Pass	Pass	Pass	Pass
		Cassette Holder (Compression & Grid)		Pass	Pass	Pass	Pass
		Control Booth		Pass	Pass	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass	Pass	Pass
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass	Pass	Pass
		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass	Pass
		Compression	Semi-Annually	Pass	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass	Pass
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass	Pass	Pass

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Edmond

**Address:** 2601 Kelley Pointe Parkway, Edmond, OK 73103

**MAP#:** RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

**QC Manual:** MAN-03706 Rev. 005

**Units:** Hologic Selenia Dimensions

**Rooms:** 128, 157, 159, 161

**Review Date:** 9/7/2017

**Physicists:**

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	Rm 128: -No action needed.
	Rm 157: -No action needed.
	Rm 159: -Room numbers on charts do not match the actual room number 159.
	Rm 161: -Dates do not match on the Daily/Weekly Checklist.
	It is recommended that any corrections made should be initialed for all rooms.  It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.

#	Binder Location	Items	Frequency	128	157	159	161	
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	N/A	N/A	N/A	N/A	
		Viewboxes & Viewing Conditions		Pass	Pass	Pass	Pass	
		Artifact Evaluation		Pass	Pass	Pass	Pass	
		SNR & CNR Measurements		Pass	Pass	Pass	Pass	
		Phantom Image		Pass	Pass	Pass	Pass	
		Detector Flat-Field Calibration		Pass	Pass	Pass	Pass	
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass	Pass	
		Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass	Pass	
2	Data Collection Worksheet	Artifact	Weekly	Pass	Pass	Pass	Pass	
		SNR & CNR		Pass	Pass	Pass	Pass	
		Reported Thickness on Compression		Pass	Pass	Pass	Pass	
		Phantom/Image Quality		Pass	Pass	Pass	Pass	
3	Data Collection Worksheet (Tomosynthesis)	Artifact	Weekly	Pass	Pass	Pass	Pass	
		Phantom/Image Quality		Pass	Pass	Pass	Pass	
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	DWS1	DWS2	DWS3	DWS4	DWS5
				Pass	Pass	Pass	Pass	Pass
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass	Pass	Pass	
		Image Quality Plot		Pass	Pass	Pass	Pass	
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	Pass	Pass	Pass	
		Image Quality Plot		Pass	Pass	Pass	Pass	
7	Artifact Evaluation	Technique	Weekly	Pass	Pass	Pass	Pass	
		Artifacts		Pass	Pass	Pass	Pass	
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass	Pass	Pass	
		SNR Plot		Pass	Pass	Pass	Pass	
		CNR Plot		Pass	Pass	Pass	Pass	
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass	Pass	
10	Visual Checklist	C-Arm	Monthly	Pass	Pass	Pass	Pass	
		Cassette Holder (Compression & Grid)		Pass	Pass	Pass	Pass	
		Control Booth		Pass	Pass	Pass	Pass	
		Other (collimators/cleaning solution)		Pass	Pass	Pass	Pass	
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass	Pass	Pass	
		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass	Pass	
		Compression	Semi-Annually	Pass	Pass	Pass	Pass	
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass	Pass	
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass	Pass	Pass	
13	Service	Field Service Report	As Needed	Pass	Pass	Pass	Pass	

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Southwest

**Address:** 2607 SW 119th St., Oklahoma City, OK 73170

**MAP#:** RM104: 15890-04, RM105: 15890-02

**QC Manual:** MAN-01476 Rev. 001 (RM105); MAN-04326 Rev. 001 (RM104)

**Units:** Hologic Selenia Dimensions 3D (RM104), Hologic Selenia (RM105)

**Rooms:** 104, 105

**Review Date:** 12/7/2017

**Physicists:**

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	<p>Rm 104: -No action needed</p> <p>Rm 105: -No Action needed.</p> <p>It is recommended that any corrections made should be initialed for all rooms.</p> <p>It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.</p>
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#	Binder Location	Items	Frequency	104	105
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	N/A	N/A
		Viewboxes & Viewing Conditions		N/A	N/A
		Artifact Evaluation		Pass	Pass
		SNR & CNR Measurements		Pass	Pass
		Phantom Image		Pass	Pass
		Detector Flat-Field Calibration		Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass
2	Data Collection Worksheet	Diagnostic Review Workstation QC	Weekly	Pass	Pass
		Artifact	Weekly	Pass	Pass
		SNR & CNR		Pass	Pass
		Reported Thickness on Compression		Pass	Pass
Phantom/Image Quality	Pass	Pass			
3	Data Collection Worksheet (Tomosynthesis)	Artifact	Weekly	Pass	N/A
		Phantom/Image Quality		Pass	N/A
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	Workstation Pass	
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass
		Image Quality Plot		Pass	Pass
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	N/A
		Image Quality Plot		Pass	N/A
7	Artifact Evaluation	Technique	Weekly	Pass	Pass
		Artifacts		Pass	Pass
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass
		SNR Plot		Pass	Pass
		CNR Plot		Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass
10	Visual Checklist	C-Arm	Monthly	Pass	Pass
		Cassette Holder (Compression & Grid)		Pass	Pass
		Control Booth		Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass
		Repeat/Reject Analysis	Quarterly	Pass	Pass
		Compression	Semi-Annually	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Northwest

**Address:** 13401 N MacArthur Blvd, Oklahoma City, OK 73142

**MAP#:** RM112: 00621-11, RM113: 00621-10, RM116: 00621-09

**QC Manual:** MAN-01476 Rev. 001 (RM113, RM116); MAN-01965 Rev. 008 (RM112)

**Units:** Hologic Selenia Dimensions 3D (RM112), Hologic Selenia (RM113, RM116)

**Rooms:** 112, 113, 116

**Review Date:** 12/18/2017

**Physicists:**

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	Rm 112: -No action needed
	Rm 113: -No Action needed.
	Rm 116: -No action needed.
	It is recommended that any corrections made should be initialed for all rooms.  It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.

#	Binder Location	Items	Frequency	112	113	116
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	Pass	Pass	Pass
		Viewboxes & Viewing Conditions		N/A	N/A	N/A
		Artifact Evaluation		Pass	Pass	Pass
		SNR & CNR Measurements		Pass	Pass	Pass
		Phantom Image		Pass	Pass	Pass
		Detector Flat-Field Calibration		Pass	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass
2	Data Collection Worksheet	Artifact	Weekly	Pass	Pass	Pass
		SNR & CNR		Pass	Pass	Pass
		Reported Thickness on Compression		Pass	Pass	Pass
		Phantom/Image Quality		Pass	Pass	Pass
3	Data Collection Worksheet (Tomosynthesis)	Artifact	Weekly	Pass	N/A	N/A
		Phantom/Image Quality		Pass	N/A	N/A
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	WK01		WK02
				Pass		Pass
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass	Pass
		Image Quality Plot		Pass	Pass	Pass
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	N/A	N/A
		Image Quality Plot		Pass	N/A	N/A
7	Artifact Evaluation	Technique	Weekly	Pass	Pass	Pass
		Artifacts		Pass	Pass	Pass
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass	Pass
		SNR Plot		Pass	Pass	Pass
		CNR Plot		Pass	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass
10	Visual Checklist	C-Arm	Monthly	Pass	Pass	Pass
		Cassette Holder (Compression & Grid)		Pass	Pass	Pass
		Control Booth		Pass	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass	Pass
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass	Pass
		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass
		Compression	Semi-Annually	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass	Pass
14	Printer	Drystar 4500M Daily Density Control Chart	Weekly	8x10		10x10
		Pass		Pass		
		Drystar 4500M Artifacts and Spatial Resolution Control Chart (8x10 only)	Weekly	Pass		
		DICOM Printer QC	Weekly	Pass		

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Edmond

**Address:** 2601 Kelley Pointe Parkway, Edmond, OK 73103

**MAP#:** RM128: 15455-08, RM157: 15455-06, RM159: 15455-07, RM161: 15455-09

**QC Manual:** MAN-03706 Rev. 005

**Units:** Hologic Selenia Dimensions

**Rooms:** 128, 157, 159, 161

**Review Date:** 4/11/2018

**Physicists:**

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	Rm 128: -No action needed.
	Rm 157: -No action needed.
	Rm 159: -No action needed.
	Rm 161: -No action needed.
	It is recommended that any corrections made should be initialed for all rooms.  It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.

#	Binder Location	Items	Frequency	128	157	159	161
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	N/A	N/A	N/A	N/A
		Viewboxes & Viewing Conditions		Pass	Pass	Pass	Pass
		Artifact Evaluation		Pass	Pass	Pass	Pass
		SNR & CNR Measurements		Pass	Pass	Pass	Pass
		Phantom Image		Pass	Pass	Pass	Pass
		Detector Flat-Field Calibration		Pass	Pass	Pass	Pass
		Compression Thickness Indicator	Bi-Weekly	Pass	Pass	Pass	Pass
2	Data Collection Worksheet	Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass	Pass
		Artifact	Weekly	Pass	Pass	Pass	Pass
		SNR & CNR		Pass	Pass	Pass	Pass
		Reported Thickness on Compression Phantom/Image Quality		Pass	Pass	Pass	Pass
3	Data Collection Worksheet (Tomosynthesis)	Artifact	Weekly	Pass	Pass	Pass	Pass
		Phantom/Image Quality		Pass	Pass	Pass	Pass
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	DWS1	DWS2	DWS3	DWS4
				Pass	Pass	Pass	Pass
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass	Pass	Pass
		Image Quality Plot		Pass	Pass	Pass	Pass
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	Pass	Pass	Pass
		Image Quality Plot		Pass	Pass	Pass	Pass
7	Artifact Evaluation	Technique	Weekly	Pass	Pass	Pass	Pass
		Artifacts		Pass	Pass	Pass	Pass
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass	Pass	Pass
		SNR Plot		Pass	Pass	Pass	Pass
		CNR Plot		Pass	Pass	Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass	Pass	Pass
10	Visual Checklist	C-Arm	Monthly	Pass	Pass	Pass	Pass
		Cassette Holder (Compression & Grid)		Pass	Pass	Pass	Pass
		Control Booth		Pass	Pass	Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass	Pass	Pass
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass	Pass	Pass
		Repeat/Reject Analysis	Quarterly	Pass	Pass	Pass	Pass
		Compression	Semi-Annually	Pass	Pass	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass	Pass	Pass
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass	Pass	Pass

# Evaluation of Site's Technologist QC Program

## Trainee or Assistant Log

**Site Name:** OU Breast Health Network – Northwest

**Address:** 13401 N MacArthur Blvd, Oklahoma City, OK 73142

**MAP#:** RM112: 00621-11, RM113: 00621-10, RM116: 00621-09

**QC Manual:** MAN-01476 Rev. 001 (RM113, RM116); MAN-01965 Rev. 008 (RM112)

**Units:** Hologic Selenia Dimensions 3D (RM112), Hologic Selenia (RM113, RM116)

**Rooms:** 112, 113, 116

**Review Date:** 6/6/2018

### Physicists:

*Erin France*

Erin France, M.S., Diagnostic Physics Resident

*Weiyuan Wang*

Weiyuan Wang, Ph.D., DABR, Supervising Medical Physicist

Comments	<p>Rm 112: -Use latest QC Manual charts -Serial number of phantom needs to be placed on charts</p> <p>Rm 113: -On the "Daily/Weekly Checklist" the printer and viewbox were not marked off for the week of 4/9-4/13 -Use latest QC manual charts -On the "SNR/CNR Control Chart", the charts needs date and initials -Serial number of phantom needs to be placed on charts</p> <p>Rm 116: -Use latest QC manual charts - Serial number of phantom needs to be placed on charts</p> <p>It is recommended that any corrections made should be initialed for all rooms.</p> <p>It is recommended that the data points for CNR and SNR plots be connected by lines for all rooms.</p>
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# HOLOGIC

Hereby awards this Certificate of Completion to

*Erin France, M.S.*

*For completing 5 hours of Hologic's product in training in  
accordance with MQSA guidance for Digital 3-D Mammography Systems\**

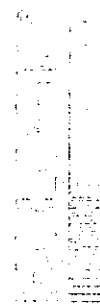
**Selenia® Dimensions® Quality Control and Set-up Procedures**

On this Date: 06-14-2018

Authorized by: \_\_\_\_\_

Kevin Edwards, Field Specialist

\* MQSA guidelines require each Medical Physicists to complete eight hours Of product training prior to using the Selenia Dimensions™ for clinical use.



#	Binder Location	Items	Frequency	104	105
1	Daily and Weekly Checklist	DICOM Printer QC (SMPTE)	Weekly	N/A	N/A
		Viewboxes & Viewing Conditions		N/A	N/A
		Artifact Evaluation		Pass	Pass
		SNR & CNR Measurements		Pass	Pass
		Phantom Image		Pass	Pass
		Detector Flat-Field Calibration		Pass	Pass
		Compression Thickness Indicator		Bi-Weekly	Pass
		Diagnostic Review Workstation QC	Weekly	Pass	Pass
2	Data Collection Worksheet	Artifact	Weekly	Pass	Pass
		SNR & CNR		Pass	Pass
		Reported Thickness on Compression		Pass	Pass
		Phantom/Image Quality		Pass	Pass
3	Data Collection Worksheet (Tomosynthesis)	Artifact	Weekly	Pass	N/A
		Phantom/Image Quality		Pass	N/A
4	Diagnostic Review Workstation	Diagnostic Review Workstation QC (Separate Binder)	Weekly	Workstation Pass	
5	Phantom Control Chart	Technique & EI	Weekly	Pass	Pass
		Image Quality Plot		Pass	Pass
6	Phantom Control Chart (Tomosynthesis)	Technique & EI	Weekly	Pass	N/A
		Image Quality Plot		Pass	N/A
7	Artifact Evaluation	Technique	Weekly	Pass	Pass
		Artifacts		Pass	Pass
8	SNR & CNR Control Chart	Technique	Weekly	Pass	Pass
		SNR Plot		Pass	Pass
		CNR Plot		Pass	Pass
9	Compression Thickness Indicator	Indicated Thickness	Bi-Weekly	Pass	Pass
10	Visual Checklist	C-Arm	Monthly	Pass	Pass
		Cassette Holder (Compression & Grid)		Pass	Pass
		Control Booth		Pass	Pass
		Other (collimators/cleaning solution)		Pass	Pass
11	Monthly, Quarterly, and Semi-Annual Checklist	Visual Checklist	Monthly	Pass	Pass
		Repeat/Reject Analysis	Quarterly	Pass	Pass
		Compression	Semi-Annually	Pass	Pass
		Diagnostic Review Workstation QC	Monthly	Pass	Pass
12	Physicist Report	Physicist Mammography QC	Yearly	Pass	Pass
13	Service	Field Service Report	As Needed	Pass	Pass





# Hologic hereby awards this Certificate of Completion to

*Erin France*

*3 hours of Hologic's Online Tomosynthesis Training  
For Medical Physicists in accordance with MQSA guidance  
for Digital 3-D Mammography Systems\**

**Selenia<sup>™</sup> Dimensions<sup>™</sup> Quality Control and Set-up Procedures**

Dated: 4/27/2018

Phillip B. Modesti, Sr. Director Medical Education

\* MQSA guidelines require each Medical Physicist to complete eight hours of product training prior to using the Selenia Dimensions<sup>™</sup> for clinical use.

# The University of Oklahoma Health Sciences Center

*which known by these presents that*

**Erin T. France, M.S.**

*has faithfully and acceptably served as*

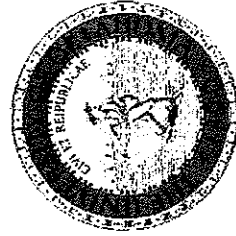
**Resident in Diagnostic Imaging Physics**

*at the University of Oklahoma Health Sciences Center  
Oklahoma City, Oklahoma*

*from July 1, 2015 through June 30, 2018*

*Given under the Seal of the University of Oklahoma  
at the Health Sciences Center,  
Oklahoma City, Oklahoma.*

*C. R. H.*  
Chairman, Board of Regents  
*Samuel R. Brown*  
President of the University



*Edward*  
Director of Residency Program  
*William D. S.*  
Professor and Chair

*The Oklahoma State Regents for Higher Education*

*acting through*

# THE UNIVERSITY OF OKLAHOMA

*have admitted*

**Erin Leigh France**

*to the degree of*

**Master of Science**

*and all the honors, privileges and obligations belonging thereto,*

*and in witness thereof have authorized the issuance of*

*this Diploma duly signed and sealed.*

*Issued at the University of Oklahoma at Oklahoma City, Oklahoma on the  
thirteenth day of May two thousand and sixteen.*

*For the State Regents*

*Tommy Strickland*  
Chairman

*Ronald H. White*  
Secretary

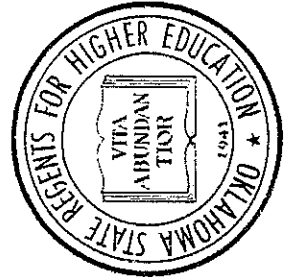
*John Johnson*  
Chancellor

*For the University*

*Max Weitzel*  
Chairman, Board of Regents

*Charles W. Brown*  
President of the University

*Armedine*  
Academic Dean



Official Transcript

University of Oklahoma Health Sciences Center  
 P. O. Box 26901  
 Oklahoma City, OK 731269001  
 United States

Name : Erin France  
 Student ID: 1754020  
 Birthdate : xxxx-02-15

Print Date : 2018-01-18

Degrees Awarded

2013-05-10 Bachelor of Science  
 Field of Study : Physics  
 Field of Study : Mathematics

2013-07-10 : Graduate Medicine  
 2013-07-10 : Active in Program  
 2013-07-10 : Radiological Sciences - MS Major  
 2016-05-13 : Completed Program

2016-05-13 : Beginning of Graduate Record

2016-05-13 : Completed Program

Spring 2014 (cont.)

TERM	GPA	GPH	Attempted	Earned	Grade	Points
Spring 2014	8.00	8.00	8.00	8.00	2.00 X	24.000
OUHSC	12.00	12.00	14.00	14.00	1.00 S	40.000

Summer I 2014

TERM	GPA	GPH	Attempted	Earned	Grade	Points
Summer I 2014	0.00	0.00	3.00	3.00	3.00	0.000
OUHSC	12.00	12.00	17.00	17.00	17.00	40.000

Fall 2014

Course	Description	Attempted	Earned	Grade	Points
RADI 5980	Research for Masters Thesis	2.00	2.00	2.00 X	8.000
RADI 6960	Directed Reading Advanc Topics	1.00	1.00	1.00 S	4.000
TERM GPA		0.000	0.000		0.000
OUHSC GPA		3.333	3.333		17.000

Fall 2013

Course	Description	Attempted	Earned	Grade	Points
RADI 5222	Radiation Bio/Radiation Chem	2.00	2.00	2.00 A	8.000
RADI 5980	Research for Masters Thesis	2.00	2.00	2.00 X	8.000
RADI 6884	Radiological Physics III	4.00	4.00	4.00 A	16.000
TERM GPA		4.000	4.000		24.000
OUHSC GPA		3.556	3.556		64.000

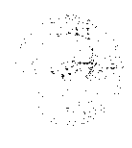
Spring 2015

Course	Description	Attempted	Earned	Grade	Points
RADI 5102	Rad Protection & Shielding	2.00	2.00	2.00 A	8.000
RADI 5980	Research for Masters Thesis	2.00	2.00	2.00 X	8.000
RADI 6874	Radiological Physics II	4.00	4.00	4.00 A	16.000
TERM GPA		4.000	4.000		24.000
OUHSC GPA		3.667	3.667		86.000

Spring 2014

Course	Description	Attempted	Earned	Grade	Points
RADI 5024	Radiation Measurements	4.00	4.00	4.00 B	12.000
RADI 6864	Radiological Physics I	4.00	4.00	4.00 B	12.000

*Erin France*



This transcript is released in accordance with the Family Educational Privacy Act of 1974 and is also released under the condition that other parties will not have access to this information without the student's written consent.

REGISTRAR, OUHSC

STUDENT IS IN GOOD STANDING UNLESS NOTED OTHERWISE. THIS DOCUMENT IS THE ACADEMIC RECORD OF THE STUDENT.

Official Transcript

Name : Erin France  
 Student ID: 1754020  
 Birthdate : xxxx-02-15

Print Date : 2018-01-18

University of Oklahoma Health Sciences Center  
 P. O. Box 26901  
 Oklahoma City, OK 731260901  
 United States

Summer I 2015

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
RADI 5980	Research for Masters Thesis	3.00	3.00	X	
TERM GPA :	0.000	GPH: 0.00	TOTALS :	3.00	0.000
OUHSC GPA :	3.667	GPH: 24.00	TOTALS :	36.00	88.000

Fall 2015

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
RADI 5980	Research for Masters Thesis	2.00	2.00	X	
TERM GPA :	0.000	GPH: 0.00	TOTALS :	2.00	0.000
OUHSC GPA :	3.667	GPH: 24.00	TOTALS :	38.00	88.000

Spring 2016

<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
RADI 5980	Research for Masters Thesis	2.00	2.00	S	
TERM GPA :	0.000	GPH: 0.00	TOTALS :	2.00	0.000
OUHSC GPA :	3.667	GPH: 24.00	TOTALS :	40.00	88.000

Graduate Career Totals

OUHSC GPA : 3.667 GPH: 24.00 TOTALS : 40.00 40.00 88.000

Post-Baccalaureate Career Totals

OUHSC GPA : 3.667 GPH: 24.00 TOTALS : 40.00 40.00 88.000

----- End Of Career (1 of 1) -----  
 ----- End Of Transcript -----

*Erin France*



REGISTRAR, OUHSC

This official transcript is printed on burgundy security paper. A laser-produced signature of the Registrar, OUHSC, is imprinted on each page in black ink. A raised seal is not required. When photocopied, the word COPY should appear. A PLACE AND WRITE OFFICER COPY OF THIS TRANSCRIPT SHOULD NOT BE ACCEPTED.

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STUDENT IS IN GOOD STANDING UNLESS NOTICED. THIS DOCUMENT REFLECTS ONLY THE ACADEMIC RECORD OF THE STUDENT.

The Oklahoma State Regents for Higher Education  
Acting Through

# Cameron University

have admitted

Erin France

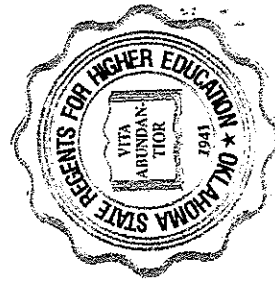
to the degree of

Bachelor of Science

Cum Laude

and all the honors, privileges and obligations belonging thereto, and in witness thereof  
have authorized the issuance of this diploma duly signed and sealed.

Issued at Cameron University at Lawton, Oklahoma, this  
tenth day of May, Two Thousand Thirteen.



FOR THE STATE REGENTS:

*She Lan*

Chairman

*W. P. Coffey*

Secretary

*Allen Johnson*

Chancellor

FOR THE UNIVERSITY:

*[Signature]*

Chairman, Board of Regents

*Cynthia S. Ross*

President

*[Signature]*

Proctor

Record of: Erin L. France      Student ID: 00029505      SSN: \*\*\*\*7887      Date of Birth: 15-FEB-1990  
 Course Level: Undergraduate      High School: Shawnee Senior High School 22-MAY-2009      COURSE TITLE      CRED GRD      PTS

Degree Awarded: Bachelor of Science 10-MAY-2013  
 Major: Physics      Minor: Mathematics  
 Inst Honors: Cum Laude

SUBJ. NO.	COURSE TITLE	CRED GRD	PTS
TRANSFER CREDIT ACCEPTED BY THE INSTITUTION			
Summer 2009	Adv Standing: Placement		
Ehrs:	20.000	0.000	0.000
GPA-Hrs:	0.000	0.000	0.000
Fall 2008	Seminole State College		
Ehrs:	3.000	9.000	3.000
GPA-Hrs:	3.000	3.000	3.000
Spring 2009	Seminole State College		
Ehrs:	3.000	12.000	4.000
GPA-Hrs:	3.000	4.000	4.000
Summer 2009	Seminole State College		
Ehrs:	7.000	28.000	4.000
GPA-Hrs:	7.000	4.000	4.000
Spring 2011	Seminole State College		
Ehrs:	3.000	12.000	4.000
GPA-Hrs:	3.000	4.000	4.000
Summer 2010	Rose State College		
Ehrs:	3.000	12.000	4.000
GPA-Hrs:	3.000	4.000	4.000

INSTITUTION CREDIT:  
 Fall 2009  
 CHEM 1361 General Chemistry I Lab 1.000 A 4.000  
 CHEM 1364 General Chemistry I 16.000 A 16.000  
 \*\*\*\*\* CONTINUED ON NEXT COLUMN \*\*\*\*\*  
 \*\*\*\*\* CONTINUED ON PAGE 2 \*\*\*\*\*

THIS IS A TWO COLOR DOCUMENT. A BLACK AND WHITE DOCUMENT IS NOT OFFICIAL.

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Linda Phillips/Registrar

Record of: Erin L France Student ID: 000163885 SSN: \*\*\*\*7887 Date of Birth: 15-FEB-1987

SUBJ NO.	COURSE TITLE	CRED	GRD	PTS	SUBJ NO.	COURSE TITLE	CRED	GRD	PTS
Institution Information continued:									
PHYS 3001	Modern Physics I	3.000	A	12.000	PE 1081	Total Fitness	1.000	S	.000
PHYS 3001	Modern Physics I Lab	1.000	A	4.000	PHYS 3001	Heat And Thermodynamics	3.000	A	12.000
PHYS 3303	Classical Mechanics	3.000	B	9.000	Ehrs:	13.000 QPts:	48.000		
					GPA-Hrs:	12.000 GPA:	4.000		
					Good Standing				
					Spring 2012				
					CHEM 4363	Physical Chemistry II	3.000	B	9.000
MATH 2244	Calc & Analytic Geom III	4.000	B	12.000	CS 1313	Computer Science I	3.000	A	12.000
MATH 3001	Tech for Adv Math: Mathematics	1.000	A	4.000	PHYS 3043	Intro to Quantum Mechanics	3.000	A	12.000
MATH 3253	Differential Equations	3.000	A	12.000	PHYS 4401	Optics Laboratory	1.000	A	4.000
PE 1081	Pe Act: Weight Training	1.000	S	.000	PHYS 4403	Light and Optics	3.000	A	12.000
PHYS 3024	Electrical Meas & Electron	4.000	A	16.000	STAT 3013	Intro Probability & Statistic I	3.000	A	12.000
PHYS 3031	Elect Meas & Electron Lab	1.000	A	4.000	Ehrs:	15.000 QPts:	61.000		
PHYS 4113	Electricity And Magnetism	3.000	A	12.000	GPA-Hrs:	16.000 GPA:	3.813		
					Good Standing				
					Fall 2012				
					BIOL 2034	Human Anatomy	4.000	A	16.000
					BIOL 2034L	Human Anatomy Lab	0.000	0	.000
					CS 1513	Computer Science II	3.000	W	.000
					PE 1081	Total Fitness	1.000	S	.000
					PE 1081	walking/jogging	1.000	S	.000
					PE 1081	Kettleball	1.000	S	.000

\*\*\*\*\* CONTINUED ON NEXT COLUMN \*\*\*\*\*

\*\*\*\*\* CONTINUED ON PAGE 3 \*\*\*\*\*



CAMERON UNIVERSITY WATON, OK 73505

**CAMERON UNIVERSITY**  
Office of the Registrar  
2800 W Gore Blvd  
Lawton, OK 73505

**ACADEMIC TRANSCRIPT**  
Page: 3  
Date Issued: 15 APR 2004  
Level: Undergraduate

Record of: Erin L France Student ID: 00016508 SSN: \*\*\*\*\*7887 Date of Birth: 15 FEB

SUBJ NO	COURSE TITLE	CRED	GRD	PTS
---------	--------------	------	-----	-----

Substitution information continued:  
 PSC 4442 Lit for Physics and Chemistry 2.000 A 8.000  
 Ehrs: 8.000 QPTS: 24.000  
 GPA-Hrs: 6.000 GPA: 4.000

Good Standing  
 Spring 2001  
 BIOL 2005 Medical Terminology 3.000 A 12.000  
 BIOL 2134 Human Physiology 4.000 A 16.000  
 BIOL 2134L Human Physiology Lab 0.000 0  
 CLSC 4163 Roman Mythology 3.000 A .000  
 Ehrs: 10.000 QPTS: 30.000  
 GPA-Hrs: 10.000 GPA: 4.000

Good Standing  
 Last Standing: Good Standing  
 \*\*\*\*\* END OF TRANSCRIPT \*\*\*\*\*

**OFFICIAL TRANSCRIPT  
ISSUED TO STUDENT**

Earned Hrs	GPA-Hrs	Points	GPA
110.000	106.000	414.000	3.806
149.000	145.000	487.000	3.356
149.000	125.000	487.000	3.896

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Linda Phillips/Registrar

Each medical physicist who provides medical physics services at this facility must verify that they meet FDA requirements by completing a copy of this form.

Please print and complete this form. Signature dates must be within one year from the date of the most recent medical physicist's Annual Survey report. Original, electronic or faxed signatures are required and considered legally binding for this document. Stamped signatures are not acceptable. Complete all sections; an incomplete application will delay your accreditation.

**PRIVILEGED and CONFIDENTIAL • PEER REVIEW**  
 Code of Virginia 8.01-581.17

**PERSONNEL • MEDICAL PHYSICIST**

1. Name: France Erin L. M.S.  
LAST NAME FIRST NAME MI DEGREE

2. ACR Membership ID#: (optional) \_\_\_\_\_

3. Initial qualifying date (earliest date qualified to do mammography physics. Medical physicists qualifying prior to the MQSA Interim Rules should check "prior to October 1, 1994."):

prior to October 1, 1994 or specify date after October 1, 1994 June / 2018  
MO YR

**INITIAL QUALIFICATIONS**

4. Do you meet FDA requirements for initial qualifications for medical physicists? (complete ONLY the column that pertains to you)

FDA Requirements	Initial Qualifications (Master's degree or higher)	Alternative Initial Qualifications must have met before April 28, 1999 (Bachelor's degree)												
Qualified as a medical physicist under FDA's interim regulations and retained that qualification by maintenance of the active status of licensure, approval, or certification?	Not applicable	<input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
Board Certified by either the 1. American Board of Radiology (ABR) in Diagnostic Radiological Physics* (alone or combined with another sub-specialty), Radiological Physics, Roentgen Ray or Gamma Ray Physics or X-Ray and Radium Physics, or 2. American Board of Medical Physics (ABMP) in Diagnostic Imaging Physics *also, effective 2011, Diagnostic Medical Physics	<table border="1"> <thead> <tr> <th>Board</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ABR</td> <td></td> </tr> <tr> <td>ABMP</td> <td></td> </tr> </tbody> </table>	Board	Year	ABR		ABMP		<table border="1"> <thead> <tr> <th>Board</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ABR</td> <td></td> </tr> <tr> <td>ABMP</td> <td></td> </tr> </tbody> </table>	Board	Year	ABR		ABMP	
Board	Year													
ABR														
ABMP														
Board	Year													
ABR														
ABMP														
State licensed?	<input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
State approved?	<input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
Meet the following degree requirement in a physical science from an accredited institution?	<b>Master's degree or higher</b> <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<b>Bachelor's degree obtained before training and initial experience</b> <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
Have no less than the following semester hours or equivalent of college undergraduate or graduate level physics?	<b>20 semester hours or equivalent</b> <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<b>10 semester hours or equivalent</b> <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
Have the following contact hours of documented specialized training in conducting surveys of mammography facilities?	<b>20 hours</b> <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<b>40 hours</b> <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												
Have experience conducting surveys of at least one mammography facility and the following number of mammography units? (No more than one survey of a specific unit within a period of 60 days may be counted towards the total mammography unit survey requirement. If experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical physicist).	<b>10 units</b> <input type="checkbox"/> <sup>1</sup> No <input checked="" type="checkbox"/> <sup>2</sup> Yes	<b>20 units</b> <input type="checkbox"/> <sup>1</sup> No <input type="checkbox"/> <sup>2</sup> Yes												

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New modalities: You must have received at least 8 hours of modality-specific training (e.g., full-field digital or screen-film) in surveying these systems before independently performing surveys on these systems. Have you received this training? (may be included in the above formal mammography education or obtained separately)

- Full-field digital mammography (direct capture digital and/or computed radiography) <sup>1</sup>No <sup>2</sup>Yes  
Screen-film mammography <sup>1</sup>No <sup>2</sup>Yes  
Digital Breast Tomosynthesis (DBT) <sup>1</sup>No <sup>2</sup>Yes

**CONTINUING EXPERIENCE**

5. How many mammography facilities and units have you surveyed over the previous 24-month period?

# facilities: 9 # units: 11

If less than 2 facilities and 6 units, are you in the process of requalifying?

<sup>1</sup>No <sup>2</sup>Yes

**CONTINUING EDUCATION**

6. Have you earned at least 15 continuing education units in mammography in a 36-month period? (see FDA's Policy Guidance Help System for acceptable subject areas)

<sup>1</sup>No <sup>2</sup>Yes

If you answered "No", are you in the process of requalifying?

<sup>1</sup>No <sup>2</sup>Yes

---

I certify that the information provided is true and correct.

Executed on: October 1, 2021  
DATE

Eun L. France  
SIGNATURE OF MEDICAL PHYSICIST

**Physics Associates, LLC**  
**Roanoke, Virginia**  
**LIST OF MAMMO SURVEYS AND SURVEYOR**  
**Lee S. Anthony, Jr., B.S., M.A. (LSAJr.); Erin L. France, M.S. (ELF)**  
**Tanner Thompson (TT)**  
**October 1, 2019 – Oct. 1, 2021**

<b><u>October 2, 2019</u></b>	LewisGale Montgomery Hospital Imaging Center Blacksburg, VA Lorad/Selenia	LSAJr.
<b><u>October 18, 2019</u></b>	LewisGale Hospital Alleghany Low Moor, VA G.E. Pristina Mammo	LSAJr.
<b><u>October 21, 2019</u></b>	Montgomery Regional Hospital The Imaging Center Blacksburg, VA Tomo 3D Dimensions Mammo Room 2, #44681	LSAJr.
<b><u>October 25, 2019</u></b>	LewisGale Hospital Pulaski Pulaski, VA Pristina Lorad/Hologic Mammo	LSAJr.
<b><u>November 1, 2019</u></b>	Augusta Health Stuarts Draft Outpatient Center Fischersville, VA Selenia	LSAJr.
<b><u>November 4, 2019</u></b>	Chatham Diagnostic Imaging Center Chatham, VA	LSAJr.
<b><u>November 6, 2019</u></b>	Harlan Appalachian Regional Hospital Harlan, Kentucky Lorad M-IV	LSAJr.
<b><u>November 6, 2019</u></b>	LewisGale Hospital Montgomery Blacksburg, VA 2D Mammo Room 1, #38178	ELF

<u>December 5, 2019</u>	Augusta Medical Center Fishersville, VA Tomo Room 3, #41405	LSAJr.
<u>December 13, 2019</u>	Augusta Health Staunton Outpatient Center Staunton, VA Hologic 3D	LSAJr.
<u>December 27, 2019</u>	LewisGale Hospital Salem, VA Tomo Room 2, #43455	LSA,Jr.
<u>December 30, 2019</u>	Johnston Memorial Hospital The Women's Center Abingdon, VA 3 D Hologic Dimensions, Room 3	LSA,Jr.
<u>January 8, 2020</u>	SOVAH Martinsville GE 2D&3D Senographe Pristina Martinsville, VA	LSAJr. & ELF
<u>January 10, 2020</u>	LewisGale Hospital Salem, VA Room 1	LSAJr.
<u>January 20, 2020</u>	Augusta Health Fishersville, VA Hologic 3D, Room 4	LSAJr.
<u>January 24, 2020</u>	Twin County Regional Hospital Galax, VA 3D Hologic	LSAJr.
<u>January 28, 2020</u>	LewisGale Hospital Salem, VA Room 2	LSA,Jr.
<u>February 11, 2020</u>	Medical Care, LLC Johnson City Hologic/Lorad Selenia	ELF
<u>February 24, 2020</u>	Community Radiologists of VA Bluefield, WV G.E. Essential	LSAJr.

<u>March 23, 2020</u>	LewisGale Daleville Daleville, VA	LSAJr.
<u>April 14, 2020</u>	Johnston Memorial Hospital Women's Center Abingdon, VA Dimensions 3D Tomo	LSAJr.
<u>May 8, 2020</u>	Lonesome Pine Hospital Digital Mammo, Selenia Room #1 Lonesome Pine, VA	LSAJr.
<u>June 4, 2020</u>	FPC Prison Alderson, WV G.E. Essential	LSAJr.
<u>June 25, 2020</u>	Smyth County Community Hospital Marion, VA Lorad/Hologic; Selenia Dimensions Room 1	LSAJr.
<u>June 26, 2020</u>	Buchanan General Hospital Grundy, Virginia Selenia Dimensions	LSAJr.
<u>June 30, 2020</u>	Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	LSA,Jr.
<u>July 1, 2020</u>	Rainelle Medical Center Lorad MIV Platinum Rainelle, VA	LSAJr.
<u>July 9, 2020</u>	Bath County Community Hosptial Siemens Revelation Hot Springs, VA	ELF
<u>July 21, 2020</u>	SOVAH Martinsville G.E. Essential Room 1 Martinsville, VA	LSAJr.
<u>August 13,2020</u>	Russell County Medical Center Lebanon, VA Digital Lorad Selena	LSAJr.

<u>September 1, 2020</u>	Raleigh General Hospital G.E. Senographe Essential Digital Mammography	LSAJr.
<u>September 14, 2020</u>	Augusta Health Fishersville, VA #31138, Lorad Selenia Room 2	LSAJr.
<u>September 17, 2020</u>	Wythe County Community Hospital Wytheville, VA G.E. Essential Mammo	ELF
<u>September 24, 2020</u>	Community Radiology of Virginia Bluefield, VA Essential, Room 1	LSAJr.
<u>September 30, 2020</u>	SOVAH Danville Diagnostic Danville, VA G.E. Room 1	LSAJr.
<u>October 19, 2020</u>	LewisGale Brambleton Roanoke, VA Essential, Room 1	LSAJr.
<u>October 26, 2020</u>	LewisGale Alleghany Low Moor, VA GE Pristina	LSAJr.
<u>October 29, 2020</u>	LewisGale Pulaski Pulaski, VA Lorad Selenia Hologic	LSAJr.
<u>November 6, 2020</u>	LewisGale Hospital Montgomery Imaging Center Blacksburg, VA Lorad/Selenia	LSAJr.
<u>November 9, 2020</u>	Sycamore Shoals Elizabethton, TN	ELF
<u>November 13, 2020</u>	Augusta Health Fishersville, VA Mammo Room 1	LSAJr.

<u>November 17, 2020</u>	Harlan Appalachian Regional Hospital Harlan, KY Lorad M-IV	ELF
<u>November 20, 2020</u>	LewisGale Hospital Montgomery Blacksburg, VA 2D Mammo Room 1, #38178	LSAJr.
<u>November 23, 2020</u>	Augusta Health Stuarts Draft Outpatient Center Fishersville, VA Hologic Selenia/Dimensions	LSAJr.
<u>November 24, 2020</u>	Augusta Health Fishersville, VA Tomo Room 3, #41405	LSAJr.
<u>December 10, 2020</u>	Augusta Health Staunton Outpatient Center Staunton, VA Hologic 3D	LSAJr.
<u>December 11, 2020</u>	Augusta Health Fishersville, VA Room 4 – Lorad Digital Mammo	LSAJr.
<u>December 31, 2020</u>	LewisGale Hospital Salem, VA Tomo Room 2, #43455	LSA,Jr.
<u>December 30, 2020</u>	Johnston Memorial Hospital The Women’s Center Abingdon, VA 3D Hologic Dimensions, Rm 3	LSAJr.
<u>January 4, 2021</u>	Medical Care, LLC Elizabethton, TN FUJI	ELF
<u>January 22, 2021</u>	LewisGale Hospital Salem, VA Room 1	LSAJr.
<u>January 27, 2021</u>	SOVAH Martinsville Pristina	ELF



<u>February 2, 2021</u>	Augusta Health Fishersville, VA #31138, Lorad Selenia Rm 2	LSAJr.
<u>February 23, 2021</u>	Community Radiologists of VA Bluefield, WV G.E. Essential	LSAJr.
<u>March 22, 2021</u>	Surgical Care of the Virginias, LLC Lorad Hologic/Dimensions Bluefield, WV	LSAJr.
<u>March 25, 2021</u>	LewisGale Daleville Lorad/Selenia Daleville, VA	LSAJr.
<u>April 21, 2021</u>	Augusta Health Mammo Room 1 Fishersville, VA	LSAJr.
<u>April 22, 2021</u>	Johnston Memorial Hospital Women's Center Abingdon, VA Dimensions 3D Tomo	LSAJr.
<u>May 1, 2019</u>	Buchanan General Hospital Grundy, VA G.E. Essential	ELF
<u>June 23, 2021</u>	FPC Prison Alderson, WV G.E. Essential	LSAJr.
<u>June 28, 2021</u>	Smyth County Community Hospital Marion, VA Lorad/Hologic; Selenia Dimensions Room 1	LSAJr.
<u>June 29, 2021</u>	Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	LSA,Jr.
<u>June 30, 2021</u>	SOVAH Health Martinsville Martinsville, VA G.E. Pristina	LSA,Jr.

**July 7, 2021**

**Bath County Community Hospital  
Siemens Revelation  
Hot Springs, VA      ELF & TT & LSAJr.**

**July 15, 2021**

**SOVAH Health Danville Diagn. Imaging  
Danville, VA  
Room 1; GE #44948                      LSAJr.**

**August 26,2021**

**Russell County Medical Center      LSAJr.&TT  
Lebanon, VA  
Digital Lorad Selenia**

**September 3, 2021**

**Augusta Health  
Fishersville, VA  
#31138, Lorad Selenia Room 2      LSAJr.**

**September 7, 2021**

**Raleigh General Hospital              LSAJr.&TT  
G.E. Senographe Essential  
Digital Mammography**

**September 23, 2021**

**Wythe County Community Hospital  
Wytheville, VA  
G.E. Pristina Mammo                      LSAJr.&TT**

**September 20, 2021**

**LewisGale Alleghany  
Low Moor, VA  
GE Pristina                                  LSAJr.&ELF&TT**