

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

June 1, 1999

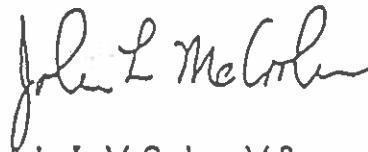
Lee S. Anthony, Jr.
Physics Associates
5346 Peters Creek Road
Roanoke, VA 24019

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 Burkhart 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.

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 th 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 ANTHONY JR

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

28TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

November 2-3, 2024

This seminar provides 16.68 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 are 16.68. Course hours may be subdivided into DBT (9.68 hrs), Stereotactic (3 hrs) and Future Directions in Mammographic Imaging (3 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 9.68. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE SenoClaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 18.50 Category A ASRT#:WIZ01340097 Expiration Date 3-1-2025

Brenda DeBastiani
Brenda DeBastiani, MBA, CRA, FAHRA, RT(R)
MTMI President

MTMI
10361 Innovation Drive, STE 400
Wauwatosa, WI 53226



THIS CERTIFIES THAT:

LEE ANTHONY JR

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:

26TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS

October 22-23, 2022

This seminar provides 16.34 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 are 16.34. Course hours may be subdivided into DBT (11 hrs), Stereotactic (4.7 hrs) and Future Directions in Mammographic Imaging (0.5 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 11. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 19.25 Category A ASRT#:WIZ01320033 Expiration Date 2-1-2023.

Jay Mazurowski, MS, CRA, FAHR
MTMI President

MTMI

10361 Innovation Drive, STE 400
Wauwatosa, WI 53226



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: 7/19/2023

Expiration Date: 8/1/2026

Kelsey Held

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

1/9/2027

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



Jason Frame, Director
Office of Environmental Health Services

CABINET FOR HEALTH AND FAMILY SERVICES

Commonwealth



of Kentucky

EXPIRATION DATE:
1/31/2025

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**



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 19th 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 20th Annual Update for Physicists.

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

**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 12th 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**.

Medical Physicist Qualification Form

Medical Physicists conducting surveys for a mammography facility seeking ACR Accreditation (including locum tenens and part-time) must complete and sign this form within one year of the most recent medical physicist's Annual Survey report, verifying they meet FDA MQSA requirements. Incomplete, out of date or inaccurate forms may delay the facility's accreditation. Original, electronic or faxed signatures are required and legally binding for this document. Stamped signatures are not acceptable. Please leave a copy with your facility when performing the survey.

Last Name Anthony	First Name Lee	Middle Initial S.	Degree B.S., M.A.
Mammography Initial Qualifying Date			
1. 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."):			
<input checked="" type="checkbox"/> prior to October 1, 1994 or specify date after October 1, 1994 <u> </u> / <u> </u> / <u> </u> <div style="text-align: right; margin-right: 50px;"><small>MO YR</small></div>			

AND

Check All That Apply		
2.	I am board certified:	Year Granted
	<input type="checkbox"/> American Board of Radiology (ABR)	
	<input type="checkbox"/> American Board of Medical Physics (ABMP)	
	<input checked="" type="checkbox"/> I am state licensed and/or approved.	

AND

	Yes	No	Master's Degree or Higher - Initial Qualifications
3.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	I obtained a Master's degree or higher with no less than 20 semester hours in physics, in: Physics, Chemistry, Engineering, Radiation Science (including Health or Medical Physics).
4.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	I obtained a Master's degree or higher and have at least 20 contact hours of documented specialized training in conducting surveys of mammography facilities.
5.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	I obtained a Master's degree or higher and have experience conducting surveys of at least one mammography facility and 10 units under the direct supervision of a qualified medical physicist. (No more than one survey of a specific unit within a period of 60 days may be counted towards the total requirement. If experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical physicist.)

OR

	Yes	No	Alternative Initial Qualifications - Bachelor's Degree Initial Qualifications (ONLY if qualified under FDA's Interim Regulations, PRIOR to April 28, 1999)
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, with no less than 10 semester hours in physics, in: Physics, chemistry, engineering, radiation science (including health physics or medical physics).
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, and have at least 40 contact hours of documented specialized training in conducting surveys of mammography facilities.
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, and have conducted surveys of at least one mammography facility and 20 units. (No more than one survey of a specific unit within a period of 60 days may be counted towards the total requirement.)

AND

9.	I received 8 hours of modality-specific training prior to independently performing surveys on these systems: <input checked="" type="checkbox"/> Full-field digital mammography <input checked="" type="checkbox"/> Tomosynthesis (DBT) <input checked="" type="checkbox"/> Screen-film
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AND

	Yes	No	Continuing Requirements – Must Complete Each			
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I performed surveys of 2 facilities and 6 units over the previous 24 months period.			
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">Yes <input type="checkbox"/></td> <td style="width: 30%; text-align: center;">No <input type="checkbox"/></td> <td style="width: 40%;">If you answered "No" to the question above (less than 2 facilities and 6 units), are you in the process of requalifying?</td> </tr> </table>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If you answered "No" to the question above (less than 2 facilities and 6 units), are you in the process of requalifying?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	If you answered "No" to the question above (less than 2 facilities and 6 units), are you in the process of requalifying?				
11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I have earned at least 15 CMEs in mammography in the previous 36 months.			
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">Yes <input type="checkbox"/></td> <td style="width: 30%; text-align: center;">No <input type="checkbox"/></td> <td style="width: 40%;">If you entered "No" to the question above, (less than 15 CMEs in 36 months) are you in the process of requalifying?</td> </tr> </table>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If you entered "No" to the question above, (less than 15 CMEs in 36 months) are you in the process of requalifying?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	If you entered "No" to the question above, (less than 15 CMEs in 36 months) are you in the process of requalifying?				

I certify that the information provided on this document is true and correct.

Executed on: December 30, 2024
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

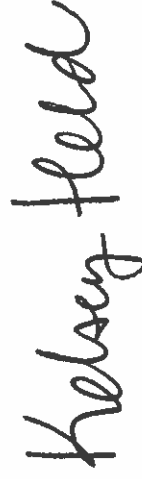
5346 PETERS CREEK ROAD, SUITE 3, ROANOKE, VA 24019

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

**Bone Density, Chiropractic, Dental, Mammography, Medical, Podiatry, Veterinary, Non
Medical & Shielding Design**

Date Issued: 6/18/2024

Expiration Date: 7/1/2027



Director, Division of X-ray Programs

NOTICE OF REGISTRATION

Erin Leigh France

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

Registration Number

997517

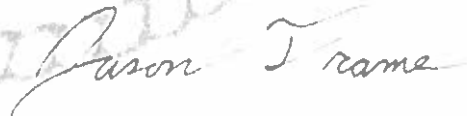
6/15/2027

Registration Expiration

Shielding Design
General Health Physics Consultant
MQSA Medical Physicist
Radiation Machine Evaluation

**West Virginia Department of Health
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

CABINET FOR HEALTH AND FAMILY SERVICES

Commonwealth



of Kentucky

EXPIRATION DATE:
1/31/2025

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**



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 INSPECTOR LIST

Revised – November 8, 2024

Inspector Number: 3013

Approved for classes: I, II, III, V

Adam M. Smith, M.S

Landauer Medical Physics

S. Tanglewood Drive

South Pines, NC 28387

Email: Asmith@landauermp.com

Inspector Number: 3015

Approved for classes: I, II, III, V

Diana E. Carver, PhD

116 21st Ave., South MCN DD-1103

Nashville, TN 37232

Phone: 615-343-0200

Email: diana.e.carver@vanderbilt.edu

Inspector Number: 3016

Approved for classes: I, II, III, VI, V, VII

David Knight, CNMT, DPA, RSO

Landauer Medical Physics

8900 Dehart St.

Olive Branch, MS 38654

Phone: 901-545-9207

Email: DKnight@landauermp.com

Inspector Number: 3018

Approved for classes: I, II, III, III, IV, V, VI, VII

Joel E. Fern

1832 Sonoma Trace

Brentwood, TN 37027

Phone-615-427-3823

Email: fernjoel@gmail.com

Inspector Number: 3022

Approved for classes: I, II, III, V, VI

Erin L. France

5346 Peters Creek Rd NW, #A3

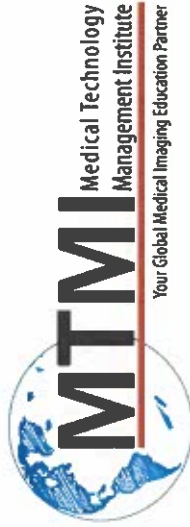
Roanoke, VA 24019

Phone: 540-563-0165

Fax: 540-563-0082

Email: erinfrance.pa@gmail.com

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.



THIS CERTIFIES THAT:

ERIN FRANCE

**HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:
28TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS**

November 2-3, 2024

This seminar provides 16.68 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 are 16.68. Course hours may be subdivided into DBT (9.68 hrs), Stereotactic (3 hrs) and Future Directions in Mammographic Imaging (3 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 9.68. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE SenoClaire DBT System, Siemens Mammomat Inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT.

This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 18.50 Category A ASRT #:WIZ01340097 Expiration Date 3-1-2025

Brenda DeBastiani

Brenda DeBastiani, MBA, CRA, FAHRA, RT(R)
MTMI President

MTMI
10361 Innovation Drive, STE 400
Wauwatosa, WI 53226



THIS CERTIFIES THAT:
ERIN FRANCE

HAS SUCCESSFULLY COMPLETED THE PROGRAM ENTITLED:
26TH ANNUAL MAMMOGRAPHY UPDATE FOR PHYSICISTS
October 22-23, 2022

This seminar provides 16.34 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 are 16.34. Course hours may be subdivided into DBT (11 hrs), Stereotactic (4.7 hrs) and Future Directions in Mammographic Imaging (0.5 hrs). DBT hours may be subdivided into FFDM and DBT with the restriction that a summation of hours not exceed 11. The unique features of the following FDA approved DBT systems were covered: Hologic Dimensions 3D, GE Pristina, GE Senoclaire DBT System, Siemens Mammomat inspiration and Fuji Aspire Cristalle with DBT Options. This training meets MQSA requirements for initial training in DBT. This activity is approved by ASRT for continuing education credit for Radiologic Technologist recognized by the ARRT and various states.

Credit Hours: 19.25 Category A ASRT#:WIZ01320033 Expiration Date 2-1-2023.

A handwritten signature in black ink, appearing to read "Jay Mazurowski", is written over a horizontal line.

Jay Mazurowski, MS, CRA, FAHR
 MTMI President

MTMI
 10361 Innovation Drive, STE 400
 Wauwatosa, WI 53226

Certificate of Achievement



Presented to:

Erin France

**26th Annual Mammography Update for Physicists
October 22-23, 2022**

SAM Title	Credits	Approved	Date Given
The Diagnosis and Treatment of Breast Cancer	1	09/01/2022	10/22/2022
Digital Breast Imaging Technology and Technical Considerations for DBT Imaging and Design	1.5	09/01/2022	10/22/2022
Surveying/QC of Stereotactic Breast Biopsy Units	1	09/01/2022	10/22/2022
Evaluation of Stereotactic/Tomosynthesis Guided Breast Biopsy Units	1	09/01/2022	10/22/2022
Clinical Experience with Digital Breast Tomosynthesis	1	09/01/2022	10/22/2022
Stereotactic Breast Biopsy: Clinical Considerations and Comparison to Alternative Biopsy Techniques	1	09/01/2022	10/22/2022
ACR FFDM QC Manual and Phantom	1	09/01/2022	10/22/2022
Motivation and Strategies for Transitioning to the ACR DMQC Manual	1	09/01/2022	10/22/2022
Soft Copy Display: Image Communication and QC	.5	09/01/2022	10/22/2022

"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."

A handwritten signature in black ink, appearing to read "Jay Mazurowski".

Jay Mazurowski, MS, CRA, FAHR
MTMI President

92%

October 26, 2022

W140 N8917 Lilly Road
Menomonee Falls, WI
A Continuing Education Division of CHCP

Certificate of Achievement



Presented to:

Erin France

CAMPEP Post-test

**26th Annual Mammography Update for
Physicists
October 22-23, 2022**

A handwritten signature in black ink, appearing to read "Jay Mazurowski", is positioned above a horizontal line.

Jay Mazurowski, MS, CRA, FAHR
MTMI President

90%

Oct 26, 2022

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

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."

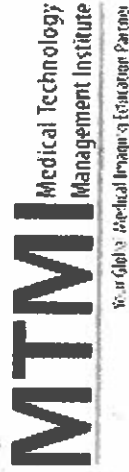
Ernesto A. Cerdena, Ph.D.

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 Category A ASRT#: WIZ0130065 Expiration Date 03/1/2021

MTMI

Ernesto A. Aranda, Ph.D.

MTMI, President

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 Aldoohan, 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	
		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 Phantom/Image Quality		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 Pass	DWS2 Pass	DWS3 Pass	DWS4 Pass	DWS5 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
		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

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
2	Data Collection Worksheet	Diagnostic Review Workstation QC	Weekly	Pass	Pass	Pass
		Artifact	Weekly	Pass	Pass	Pass
		SNR & CNR		Pass	Pass	Pass
		Reported Thickness on Compression 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

Weiyan Wang

Weiyan 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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Hereby awards this Certificate of Completion to

Erin Frances, 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	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 Dimensions[™] Quality Control and Set-up Procedures

4/27/2018

Dated:

Phillip B. Modesti, Sr. Director Medical Education

* MQSA guidelines require each Medical Physicist to complete eight hours of practical training prior to using the Selenia Dimensions[™] for clinical use.

The University of Oklahoma Health Sciences Center

makes known by these presents that

Erin L. 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, 2016 through June 30, 2018

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

C. J. R. H.
Chairman, Board of Regents
Charles J. R. H.
President of the University



Erin L. France
Director of Residency Program
Erin L. France
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

Ray S. ...
Chairman

Ronald ...
Secretary

Robert ...
Chancellor

For the University

My ...
Chairman, Board of Regents

Charles ...
President of the University

Frederic ...
Academic Dean



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

----- Degrees Awarded -----
 Degree : Master of Science
 Confer Date : 2016-05-13
 Plan : Radiological Sciences
 ----- External Degrees -----

Cameron University
 2013-05-10 Bachelor of Science
 Field of Study : Physics
 Field of Study : Mathematics
 ----- Academic Program History -----
 Program : Graduate Medicine
 2013-07-10 : Active in Program
 2013-07-10 : Radiological Sciences - MS Major
 2016-05-13 : Completed Program

Spring 2014 (cont.)
 TERM GPA : 3.000 GPH: 8.00 TOTALS : 8.00 8.00 24.000
 OUHSC GPA : 3.333 GPH: 12.00 TOTALS : 14.00 16.00 40.000
 Summer I 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 GPH:	3.000	3.000	3.000	0.000
OUHSC GPA :	3.333 GPH:	12.000	17.000	17.000	40.000

Fall 2014

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 6984	Radiological Physics III	4.00	4.00	4.00 A	16.000
TERM GPA :	4.000 GPH:	6.000	8.000	8.000	24.000
OUHSC GPA :	3.556 GPH:	18.000	25.000	25.000	64.000

Fall 2013

Course	Description	Attempted	Earned	Grade	Points
RADI 5824	Prod Absorption of Radiation	4.00	4.00	4.00 A	16.000
RADI 6960	Directed Reading Advanc Topics	2.00	2.00	2.00 S	8.000
TERM GPA :	4.000 GPH:	6.000	6.000	6.000	16.000
OUHSC GPA :	4.000 GPH:	6.000	6.000	6.000	16.000

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 GPH:	6.000	8.000	8.000	24.000
OUHSC GPA :	3.667 GPH:	24.000	33.000	33.000	88.000

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



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This information is released in accordance with the Family Education 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. THIS DOCUMENT REFLECTS ONLY THE ACADEMIC RECORD OF THE STUDENT.

Official Transcript

Name : Erin France
 Student ID: 1754020
 Birthdate : xxx-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

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

Fall 2015

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

Spring 2016

Course	Description	Attempted	Earned	Grade	Points
RADI 5980	Research for Masters Thesis	2.00	2.00	S	0.000
TERM GPA :	0.000	GPH: 2.00	2.00		0.000
OUHSC GPA :	3.667	GPH: 24.00	TOTALS : 40.00	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 Transcript

Lois Klein



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This information is released in accordance with the Family Education 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. 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:

[Signature]
Chairman

[Signature]
Secretary

[Signature]
Chancellor



FOR THE UNIVERSITY:

[Signature]
Chairman, Board of Regents

[Signature]
President

[Signature]
Probst

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

ACADEMIC TRANSCRIPT

Page: 1
 Date Issued: 15-APR-2014
 Level: Undergraduate

Record of: Erin L France

Student ID: 000169905

SSN: ****7687

Date of Birth: 15-FEB

Course Level: Undergraduate
 High School: Shawnee Senior High School 22-MAY-2009

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

SUBJ NO.	COURSE TITLE	CRED	GRD	PTS	R
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TRANSFER CREDIT ACCEPTED BY THE INSTITUTION:

Summer 2009	Adv Standing: Placement	0.000			
Ehrs:	20.000 Qpts:	0.000			
GPA-Hrs:	0.000 GPA:				
Fall 2008	Seminole State College	9.000			
Ehrs:	3.000 Qpts:	3.000			
GPA-Hrs:	3.000 GPA:				
Spring 2009	Seminole State College	12.000			
Ehrs:	3.000 Qpts:	4.000			
GPA-Hrs:	3.000 GPA:				
Summer 2009	Seminole State College	28.000			
Ehrs:	7.000 Qpts:	4.000			
GPA-Hrs:	7.000 GPA:				
Spring 2011	Seminole State College	12.000			
Ehrs:	3.000 Qpts:	4.000			
GPA-Hrs:	3.000 GPA:				
Summer 2010	Rose State College	12.000			
Ehrs:	3.000 Qpts:	4.000			
GPA-Hrs:	3.000 GPA:				

INSTITUTION CREDIT:

Fall 2009	General Chemistry I Lab	1.000	A	4.000
CHEM 1361				
CHEM 1364	General Chemistry I	4.000	A	16.000

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

SUBJ NO.	COURSE TITLE	CRED	GRD	PTS	R
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Institution Information continued:
 MATH 2215 Calc & Analytic Geom I 5.000 A 20.000
 PHYS 2015 Phys I Sci & Engr Majors 5.000 A 20.000
 PHYS 2015L Phys I Lab for Sci & Engr Mjrs 0.000 0 .000
 Ehrs: 15.000 Qpts: 60.000
 GPA-Hrs: 15.000 GPA: 4.000
 Good Standing

Spring 2010
 CHEM 1471 General Chemistry Lab II 1.000 A 4.000
 CHEM 1474 General Chemistry II 4.000 A 16.000
 EDUC 3881 WS: Forest Stds Pro Lrng Tree 1.000 A 4.000
 MATH 2235 Calc & Analytic Geom II 5.000 A 20.000
 PHYS 2025 Phys II Sci & Engr Majors 5.000 A 20.000
 PHYS 2025L Phys II Lab for Sci/Engr Mjrs 0.000 0 .000

Ehrs: 16.000 Qpts: 64.000
 GPA-Hrs: 16.000 GPA: 4.000
 Good Standing
 Fall 2010
 CHEM 2441 Working Safely W/Chemicals 1.000 A 4.000
 CHEM 3314 Organic Chemistry I 4.000 A 16.000
 CHEM 3314L Organic Chemistry I Lab 0.000 0 .000
 GEOG 3023 Economic Geography 3.000 A 12.000
 PE 1081 PE Act: Boxaerobics I 1.000 W .000

***** CONTINUED ON PAGE 2 *****

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

ACADEMIC TRANSCRIPT

Page: 2
Date Issued: 15-APR-2014
Level: Undergraduate

Record of: Erin L France Student ID: 000169905 SSN: ****7887 Date of Birth: 15-FEB

SUBJ NO.	COURSE TITLE	CRED GRD	R	PTS	SUBJ NO.	COURSE TITLE	CRED GRD	R	PTS
Institution Information continued:									
PHYS 3003	Modern Physics I	3.000	A	12.000	PE 1081	Total Fitness	1.000	S	.000
PHYS 3011	Modern Physics I Lab	1.000	A	4.000	PHYS 3403	Heat And Thermodynamics	3.000	A	12.000
PHYS 3303	Classical Mechanics	3.000	B	9.000	Ehrs:	13.000	QPTS:	48.000	
	Ehrs:	15.000	QPTS:	57.000	GPA-Hrs:	12.000	GPA:	4.000	
	GPA-Hrs:	15.000	GPA:	3.800	Good Standing				
	Good Standing				Spring 2012				
Spring 2011					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 Probab & Statistic I	3.000	A	12.000
PHYS 3031	Elect Meas & Electron Lab	1.000	A	4.000	Ehrs:	16.000	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
					Ehrs:	17.000	QPTS:	60.000	
					GPA-Hrs:	16.000	GPA:	3.750	
					Good Standing				
Fall 2011					BIOL 2034L	Human Anatomy Lab	0.000	0	.000
CHEM 4353	Physical Chemistry I	3.000	A	12.000	CS 1513	Computer Science II	3.000	W	.000
CS 1733	Operating Systems Technologies	3.000	A	12.000	PE 1081	Total Fitness	1.000	S	.000
IT 1213	Programming Logic	3.000	A	12.000	PE 1081	walking/Jogging	1.000	S	.000
PE 1081	Pe Act: Weight Training	1.000	S	.000	PE 1081	Kettleball	1.000	S	.000
***** CONTINUED ON NEXT COLUMN *****									
***** CONTINUED ON PAGE 3 *****									

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Linda Phillips
Linda Phillips/Registrar

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

ACADEMIC TRANSCRIPT
Page: 3
Date Issued: 15-APR-2014
Level: Undergraduate

Record of: Erin L France Student ID: 000169905 SSN: *****7887 Date of Birth: 15-FEB

SUBJ NO.	COURSE TITLE	CRED: GRD	PTS
Institution Information continued:			
PSCI 442	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 2013	Medical Terminology	3.000 A	12.000
BIOE 2013	Human Physiology	4.000 A	16.000
BIOE 2034	Human Physiology Lab	0.000 0	.000
BIOE 2134L	Roman Mythology	3.000 A	12.000
CLSC 4163			
Ehrs: 10.000 QPts: 40.000			
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
CAMERON	110.000	106.000	414.000	3.906
CUMULATIVE	149.000	125.000	487.000	3.896
RETENTION	149.000	125.000	487.000	3.896

This officially sealed and signed transcript is on security paper with the name of the university appearing in small, white type with a gray background across most of the document's face. A raised seal is not required. If copied in black and white or in color the word void should appear. A black on white or a color copy should not be accepted. This document is the property of Cameron University and should be returned to the Registrar's Office.

 Linda Phillips
Linda Phillips/Registrar

Medical Physicist Qualification Form

Medical Physicists conducting surveys for a mammography facility seeking ACR Accreditation (including locum tenens and part-time) must complete and sign this form within one year of the most recent medical physicist's Annual Survey report, verifying they meet FDA MQSA requirements. Incomplete, out of date or inaccurate forms may delay the facility's accreditation. Original, electronic or faxed signatures are required and legally binding for this document. Stamped signatures are not acceptable. Please leave a copy with your facility when performing the survey.

Last Name France	First Name Erin	Middle Initial L.	Degree M.S.
Mammography Initial Qualifying Date			
1. 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."):			
<input type="checkbox"/> prior to October 1, 1994		or	specify date after October 1, 1994
		06	2018
		MO	YR

AND

Check All That Apply		
2.	I am board certified:	Year Granted
	<input type="checkbox"/> American Board of Radiology (ABR)	
	<input type="checkbox"/> American Board of Medical Physics (ABMP)	
	<input checked="" type="checkbox"/> I am state licensed and/or approved.	

AND

Master's Degree or Higher - Initial Qualifications			
3.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	I obtained a Master's degree or higher with no less than 20 semester hours in physics, in: Physics, Chemistry, Engineering, Radiation Science (including Health or Medical Physics).
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I obtained a Master's degree or higher and have at least 20 contact hours of documented specialized training in conducting surveys of mammography facilities.
5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I obtained a Master's degree or higher and have experience conducting surveys of at least one mammography facility and 10 units under the direct supervision of a qualified medical physicist. (No more than one survey of a specific unit within a period of 60 days may be counted towards the total requirement. If experience was acquired after April 28, 1999, it must be under the direct supervision of a qualified medical physicist.)

OR

Alternative Initial Qualifications - Bachelor's Degree Initial Qualifications (ONLY if qualified under FDA's Interim Regulations, PRIOR to April 28, 1999)			
6.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, with no less than 10 semester hours in physics, in: Physics, chemistry, engineering, radiation science (including health physics or medical physics).
7.	<input type="checkbox"/>	<input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, and have at least 40 contact hours of documented specialized training in conducting surveys of mammography facilities.
8.	<input type="checkbox"/>	<input type="checkbox"/>	I obtained a Bachelor's degree prior to April 28, 1999, and have conducted surveys of at least one mammography facility and 20 units. (No more than one survey of a specific unit within a period of 60 days may be counted towards the total requirement.)

AND

9.	I received 8 hours of modality-specific training prior to independently performing surveys on these systems:	
	<input checked="" type="checkbox"/> Full-field digital mammography	<input checked="" type="checkbox"/> Tomosynthesis (DBT) <input type="checkbox"/> Screen-film

AND

Continuing Requirements – Must Complete Each				
10.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	performed surveys of 2 facilities and 6 units over the previous the 24 months period.	
			Yes <input type="checkbox"/>	No <input type="checkbox"/>
			If you answered "No" to the question above (less than 2 facilities and 6 units), are you in the process of requalifying?	
11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	I have earned at least 15 CMEs in mammography in the previous 36 months.	
			Yes <input type="checkbox"/>	No <input type="checkbox"/>
			If you entered "No" to the question above, (less than 15 CMEs in 36 months) are you in the process of requalifying?	

I certify that the information provided on this document is true and correct.

Executed on: 12/30/2024
DATE

Erin 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)
James Wait, M.S. (JW, Trainee), Razan Hamed (RH, Trainee)
December 1th, 2022 – December 3rd, 2024

<u>December 2, 2022</u>	LewisGale Medical Center Salem, VA Room 2	LSAJr.
<u>December 15, 2022</u>	Greenbrier Clinic White Sulphur Springs, WV	LSAJr.
<u>December 30, 2022</u>	Ballad Health Johnston Memorial Abingdon, VA Hologic MammoRoom 3	LSAJr.
<u>January 12, 2023</u>	Augusta Health Fishersville, VA #41405 Room 1	LSAJr.
<u>January 13, 2023</u>	Augusta Health Fishersville, VA #49487 Room 2	LSAJr.
<u>January 16, 2023</u>	Twin County Regional Hospital Galax, VA Mammo #49531	LSAJr.
<u>January 17, 2023</u>	SOVAH Martinsville Pristina Room 2	LSAJr.
<u>January 27, 2023</u>	Augusta Health Breast Center Fishersville, VA #49524	LSAJr.
<u>January 30, 2023</u>	LewisGale Hospital Salem, VA Room 1, #43585	LSAJr.

<u>March 8, 2023</u>	Medical Care Elizabethton, TN Fuji Mammo	LSAJr.
<u>April 5, 2023</u>	Rainelle Medical Center Rainelle, WV Siemens Revelation 2D & DBT	LSAJr.
<u>April 27, 2023</u>	Johnston Memorial Hospital Women's Center Abingdon, VA Dimensions 3D Tomo	LSAJr.
<u>May 9, 2023</u>	SOVAH Health Danville Diagn. Imaging Danville, VA Room 1; GE #44948	ELF
<u>June 9, 2023</u>	Buchanan General Hospital Grundy, VA G.E. Essential	LSAJr.
<u>June 29, 2023</u>	SOVAH Martinsville Martinsville, VA G.E. Pristinia Rm.#	LSAJr.
<u>June 29, 2023</u>	The Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	ELF
<u>June 28, 2023</u>	LewisGale Medical Center Salem, VA #43455; Room 2	LSAJr.
<u>July 6, 2023</u>	Bath County Community Hospital Siemens Revelation Hot Springs, VA	LSAJr.
<u>August 18, 2023</u>	Russell County Medical Center Lebanon, VA Digital Lorad Selena	LSAJr.

<u>September 5, 2023</u>	Raleigh General Hospital G.E. Senographe Essential Digital Mammography	LSAJr.
<u>September 18, 2023</u>	LewisGale Alleghany Low Moor, VA GE Pristina	LSAJr.
<u>September 19, 2023</u>	Wythe County Community Hospital Wytheville, VA G.E. Essential Mammo	LSAJr.
<u>September 23, 2023</u>	Augusta Health Fishersille, VA #49428, Lorad Selenia Room 3	LSAJr.
<u>October 4th, 2023</u>	Smyth County Community Hospital Marion, VA Lorad/Hologic; Selenia Dimensions Room 1	LSAJr.
<u>October 6th, 2023</u>	LewisGale Brambleton Roanoke, VA Essential, Room 1	LSAJr.
<u>October 16th, 2023</u>	LewisGale Pulaski Pulaski, VA Lorad Selenia Hologic	LSAJr.
<u>October 20th, 2023</u>	Sycamore Shoals Elizabethton, TN New Mammo Hologic Mammo	ELF
<u>November 2nd, 2023</u>	Surgical Center of the Virginias New Mammo Hologic Mammo	LSAJr.
<u>November 10th, 2023</u>	LewisGale Montgomery Outpatient Imaging Blacksburg, VA Room 2 Hologic #44681	LSAJr.
<u>November 17th, 2023</u>	LewisGale Montgomery Outpatient Imaging Blacksburg, VA Room 1 Hologic #52673	LSAJr.
<u>November 16th, 2023</u>	Augusta Health Stuart's Draft, VA	LSAJr.

Room 6 Hologic #54523

November 6th, 2023

**Harlan Appalachian Regional Hospital
Hologic Selenia
Harlan, KY LSAJr.**

November 18th, 2023

Surgical Center of the Virginias LSAJr.

December 21st, 2023

RGH Medical Complex LSAJr.

December 26, 2023

**Greenbrier Clinic
White Sulfur Springs, WV LSAJr.**

December 30, 2023

**Ballad Health Johnston Memorial
Abingdon, VA
Hologic Mammo Room 3 LSAJr.**

January 11th, 2024

**Ballad Health Johnston Memorial
Abingdon, VA
Hologic Mammo Room 3 LSAJr.**

January 11, 2024

**Augusta Health
Fishersville, VA
#41405 Room 1 LSAJr.**

January 12, 2024

**Augusta Health
Fishersville, VA
#49487 Room 2 LSAJr.**

January 13, 2024

**LewisGale Medical Center
Salem, VA
Room 1 LSAJr.**

January 14, 2024

**LewisGale Medical Center
Salem, VA
Room 2 LSAJr.**

January 15, 2024

**Twin County Regional Hospital
Galax, VA
Mammo #49531 LSAJr**

January 17, 2024

**Augusta Health Breast Center
Fishersville, VA
#49524 LSAJr.**

January 25, 2024

Pocahontas Memorial Hospital LSAJr.

<u>January 26, 2024</u>	SOVAH Martinsville Pristina Room 2	LSAJr.
<u>February 9th, 2024</u>	CRU-Bluefield Mammo #45154	LSAJr.
<u>January 12, 2024</u>	Augusta Health Fishersville, VA #41405 Room 1	LSAJr.
<u>April 15th, 2024</u>	Twin County Hospital Galax, Va	LSAJr.
<u>April 25th, 2024</u>	Rainelle Medical Center Rainelle, WV Siemens Revelation 2D & DBT	ELF, JW(Trainee)
<u>May 24th, 2024</u>	SOVAH Martinsville Martinsville, VA #44947 G.E. Pristinia Rm.#1	LSAJr.,
<u>June 7, 2024</u>	LewisGale Medical Center Salem, VA #43455; Room 2	ELF, RH(Trainee)
<u>June 20th, 2024</u>	The Greenbrier Clinic White Sulphur Springs, WV G.E. Essential	ELF, RH(Trainee)
<u>June 25th, 2024</u>	SOVAH Martinsville Martinsville, VA #51969 G.E. Pristinia Rm.#3	ELF, RH(Trainee)
<u>July 18, 2024</u>	Buchanan General Hospital Grundy, VA #50111 Hologic	ELF, RH(Trainee)

<u>July 25th, 2024</u>	Bath County Community Hospital Siemens Revelation Hot Springs, VA	ELF, RH(Trainee)
<u>August 1, 2024</u>	Russell County Medical Center Lebanon, VA #37240 Digital Lorad Selenia	ELF, RH(Trainee)
<u>September 17, 2024</u>	Wythe County Community Hospital Wytheville, VA G.E. Essential Mammo	ELF, JW(Trainee)
<u>September 20th, 2024</u>	Harlan Appalachian Regional Hospital Hologic 3Dimensions Harlan, KY	LSAJr.
<u>September 30th, 2024</u>	Augusta Health Breast Center Fishersville, VA #49428	LSAJr.
<u>October 2nd, 2024</u>	Smyth County Community Hospital Marion, VA #48423 Hologic Selenia	LSAJr.
<u>October 15th, 2024</u>	LewisGale Pulaski Pulaski, VA Lorad Selenia Hologic	ELF, JW(Trainee)
<u>October 16th, 2024</u>	LewisGale Brambleton Roanoke, VA #34012 Essential, Room 1	LSAJr.
<u>October 29th, 2024</u>	Community Radiology of Virginia Bluefield, VA Essential, Room 1	ELF
<u>November 7th, 2024</u>	Sycamore Shoals Elizabethton, TN Hologic Mammo (SN: SDM132700265)	ELF, JW(Trainee)
<u>November 8th, 2024</u>	LewisGale Montgomery Outpatient Imaging Blacksburg, VA Room 2 Hologic #44681	LSAJr.

November 20st, 2024

**Augusta Health Breast Center
Fishersville, VA
#54523**

LSAJr.

November 21st, 2024

Surgical Center of the Virginias

LSAJr.

November 27th, 2024

**Augusta Health Breast Center
Fishersville, VA
#49524**

LSAJr.

December 3rd, 2024

**Raleigh General Hospital
G.E. Senographe Essential
Digital Mammography**

**ELF,
JW(Trainee)**