



**Integrated Science Support, Inc**

14450 N 169 Hwy Suite O  
Smithville, MO 64089  
(816) 390-9011

**MQSA Physicist Qualifications**  
**Kevin J. Sweeney, M.S.**

*Contents*

Missouri Mammography Physicist Initial Qualifications Certificate

Missouri Qualified Expert Certificate

KS Medical Physicist Certificate

Iowa Mammography Physicist Certificate

Initial Training for Film-Screen/Digital/Tomosynthesis  
Mammography

Continuing Education

Continuing Experience

*Note: The Missouri Initial Qualifications Certificate does NOT have an expiration date.*

**Distributed January 2019**

The Individual Below Is Hereby Recognized by the Missouri Department of Health and Senior Services, Bureau of Diagnostic Services as a

# Qualified Expert in Radiation Safety

## Kevin Sweeney MS




Recognition of Qualified Expert Status Valid

01/23/2019 Until: 01/23/2021

Qualified Expert ID:

**QE253**

  
\_\_\_\_\_  
Administrator, Bureau of Diagnostic Services



### Area(s) of Expertise

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Health Physics Consultation                              | <input checked="" type="checkbox"/> Mammography *(FDA MQSA Standards) |
| <input checked="" type="checkbox"/> Radiation Shielding Design                               | <input checked="" type="checkbox"/> CT                                |
| <input checked="" type="checkbox"/> Diagnostic Radiographic (Medical/Chiropractic/Podiatric) | <input checked="" type="checkbox"/> Bone Density/DEXA                 |
| <input checked="" type="checkbox"/> Fluoroscopy/Inverventional Radiology                     | <input checked="" type="checkbox"/> Dental (Non-CBCT)                 |
| <input checked="" type="checkbox"/> Non-Medical/Industrial/Academic/Research                 | <input checked="" type="checkbox"/> Veterinary Radiology              |
| <input type="checkbox"/> Therapy/Linear Accelerator  | <input type="checkbox"/> Other :                                      |

*\*MRCP has determined that this Qualified Expert currently meets FDA's MQSA standards for approval as a mammography medical physicist, and a copy of his/her current qualifications is maintained by the MRCP.*

Per requirements in 19 CSR 20-10.010, this person is found to have the necessary training and experience to be able to perform dependable radiation surveys. Despite recognition of this person's status as a Qualified Expert, the Department makes no warranty either expressed or implied as to the quality of specific services provided to an individual facility. Complaints regarding this person's ability to continue to conduct dependable radiation surveys may be directed to the Radiation Control Program at 573-751-6083 or MRCP@health.mo.gov



**Missouri Department of Health and Senior Services**  
**Bureau of Ambulatory Care**  
**Missouri Radiation Control Program**  
 P.O. Box 570, 920 Wildwood, Jefferson City, MO 65102-0570  
**Phone: 573-751-6083**      **FAX: 573-751-6158**  
 Email: [MRCP@health.mo.gov](mailto:MRCP@health.mo.gov) or [BAC@health.mo.gov](mailto:BAC@health.mo.gov)



August 14, 2016

**Qualifications Review of Individuals Providing Medical Physics Support Services in Mammography**

Missouri Rule 19 CSR 20-11.060 authorizes the Missouri Department of Health and Senior Services (DHSS) to approve individuals providing medical physics support to suppliers of mammography services. DHSS's Missouri Radiation Control Program (MRCP) has reviewed documentation for:

Name: **Kevin J. Sweeney, M.S.**  
 Company or Title: **Integrated Science Support**  
 Address: **2027 N. 36<sup>th</sup> Street**  
 City/State/Zip Code: **St. Joseph MO 64506**

Review of Initial Qualifications

Initial Requirement	Documentation Required by FDA	Documents Reviewed/On File at MRCP
License, Approval or Board Certified	State License, State Approval Letter or ABR/AOBR Certificate in Diagnostic Physics	Missouri Dept. of Health & Senior Services State Approval Letter - August 14, 2016 (Full MO QE status not applied for or granted as yet)
Qualifying Degree	Degree in Physical Science: PhD or MS with 20 hours in Physics	M.S. In Nuclear Engineering University of Missouri, December 18, 2015
Specialized Survey Training*	PhD or MS Degree: 20 contact hours	Letter from Jon J. Erickson, Ph.D. documenting Sweeney completed 20 contact hours of training in surveying mammography facilities. January 2, 2016 to July 11, 2016.
Initial Experience*	PhD or MS Degree: 1 facility and 10 units	Letter from Jon J. Erickson, Ph.D. documenting Sweeney surveyed, under direct supervision, ten (10) MQSA inspections, Jan-July, 2016.
New Modality Training (if applicable)	Certificate(s) documenting 8 hours modality-specific training prior to surveying in that modality	Letter from Jon J. Erickson, Ph.D. documenting Sweeney received eight (8) hours of training in surveying digital mammography units. Jan-July, 2016.

\*Individual may attest to fulfilling this requirement if training and/or experience obtained prior to October 1, 1994.

**MISSOURI APPROVAL IS GRANTED**

Start Date: August 14, 2016.

Documentation of your continuing education and experience was reviewed and found to be acceptable. Remember that documentation of continuing education and experience must be kept on file at all facilities where you provide medical physics services. Inform MRCP of any changes in name, address or telephone number. Please note FDA has decreed this review/approval is not reciprocal between states. You will need a similar review by each state in which you provide these services. You can also send your documentation directly to FDA for their review. If you have any questions or need additional information, please contact the Missouri Radiation Control Program at (573) 751-6083.

Initial Review performed by: Ladonna Wolfe, Missouri Certified MQSA inspector

Sincerely,

John Langston, Administrator  
 Bureau of Ambulatory Care  
 Phone: 573-751-6083  
 Fax: 573-751-6158

[www.health.mo.gov](http://www.health.mo.gov)

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The Missouri Department of Health and Senior Services will be the leader in promoting, protecting and partnering for health.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.



**KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT**

Bureau of Community Health Systems

Radiation Control Section

1000 SW Jackson, Ste. 330

Topeka, KS 66612-1365



# Kansas X-ray Service Provider Registration

**Kevin Sweeney, M.S.**

*Is hereby registered as a provider of radiation services in the specialty areas specified below in accordance with Article 35 of the Kansas Radiation Protection Regulations.*

**SERVICE PROVIDER NUMBER**

**KS-125**

**SERVICE PROVIDER SPECIALTY**

**Medical Diagnostic X-ray Physics**

**REGISTRATION DATE**

**February 3, 2017**

FOR THE STATE DEPARTMENT OF HEALTH AND ENVIRONMENT

By

  
Jason Barney, RRPT



# Iowa Department of Public Health

Protecting and Improving the Health of Iowans

---

Gerd W. Clabaugh, MPA  
Director

Kim Reynolds  
Governor

Adam Gregg  
Lt. Governor

June 1, 2018

Kevin Sweeney  
5217 W 116TH STREET  
LEAWOOD, KS 66211

Dear Kevin Sweeney,

This letter is to verify that you have met *all MQSA initial qualification requirements as stated in the final regulations, 900.12(a)(3)(i) and all Iowa registration requirements for a medical physicist in:*

**Mammography: Digital**

**Mammography: Tomosynthesis**

Therefore, you are permitted to perform all those procedures required under Iowa Radiation Machines Rules for the above categories. Your **registration number MPHY10004** expires on April 30, 2019.

Each Iowa facility where you provide medical physics services must have a copy of this Medical Physics Approval letter.

Thank you for your cooperation. Please call 515-281-0405 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Angela Leek', with a long horizontal flourish extending to the right.

Angela Leek, Bureau Chief  
Bureau of Radiological Health  
Office Phone: 515-281-3478  
Fax: 515-281-4529  
Email: [angela.leek@idph.iowa.gov](mailto:angela.leek@idph.iowa.gov)





Hereby awards this Certificate of Completion to

**Kevin Sweeney**

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**

**Wednesday, July 13, 2016**

Date Completed

A handwritten signature in black ink, appearing to read "Lori Fontaine".

Lori Fontaine  
VP, Clinical & Regulatory



## Integrated Science Support, Inc.

2027 N. 36<sup>th</sup> St.  
St. Joseph, MO 64506  
(816) 390-9011  
(800) 306-4477  
Fax (816) 390-8003

November 1, 2016

To: Whom it may Concern

From: Stephen E. Hale Jr., Ph.D., DABR

*Stephen E. Hale Jr.*

Subject: Physicist training for 3D mammography systems

This is to certify that Kevin J. Sweeney, MS, has received 5 hours of in-service training in the unique aspects of the following 3D/Tomosynthesis Mammography systems:

- 1) General Electric Seno-Clair Breast Tomosynthesis system
- 2) Hologic Selenia Dimensions DBT
- 3) Siemens Mammomat Inspiration Tomosynthesis Option

The records of this training are available in the corporate offices of Integrated Science Support, Inc., at 2027 N. 36<sup>th</sup> Street, St. Joseph, MO 64506.



## Integrated Science Support, Inc

2027 N. 36<sup>th</sup> Street  
St. Joseph, MO 64506  
(816) 390-9011  
(800) 306-4477

July 11, 2016

To: Whom It May Concern

From: Jon J. Erickson, Ph.D, DABR.

A handwritten signature in black ink, appearing to read 'Jon Erickson', is written over the printed name.

Subject: Initial MQSA Training Requirements for Kevin J. Sweeney, MS  
January 2, 2016, and July 11, 2016, Kevin J. Sweeney, M.S., received 20 contact hours of training in the surveying of mammography x-ray systems.

This memo is also to certify that during the same period of time he performed 10 mammography inspections under the direct supervision of Jon J. Erickson, Ph.D., Stephen E. Hale Jr. Ph.D. and Gregory Sackett, M.S.

This memo is also to certify that during the same period of time he received 8 hours of training in surveying digital mammography units. This training was conducted by Jon J. Erickson, Ph.D., Stephen E. Hale Jr. Ph.D. and Gregory Sackett, MS.

The records of this training and experience are available in the corporate offices of Integrated Science Support, Inc., at 2027 N. 36<sup>th</sup> Street, Saint Joseph, MO 64506.



Logged in as ksweeney@issphysics.com, CAMPEPID# 48681 | [Logout](#)

**CAMPEP**  
**Commission on Accreditation of Medical Physics Education Programs, Inc.**  
**Certificate of Medical Physics Continuing Education Credits**  
**----Transcript----**

**Kevin Sweeney**  
 5217 W 116th St  
 Leawood, KS 66211  
 US

Participated in the following CAMPEP accredited educational program(s) and is awarded Medical Physics Continuing Education Credits (MPCECs) as designated

<u>Program Title</u>	<u>Date Credits Earned</u>	<u>Category/SubCategory</u>	<u>EA Title</u>	<u>Credits</u>
2017 AAPM Online Continuing Education	06/08/2017	Diagnostic Radiology: None	1870-N TG 18	1
2017 AAPM Online Continuing Education	07/06/2017	Diagnostic Radiology: Digital Radiography	1980-N Imaging Educational Course - Radiography IV	1
2018 AAPM Online Continuing Education	04/30/2018	Diagnostic Radiology: Mammography	2472-N Impact of compressed breast thickness and dose on lesion detectability in digital mammography	1
2018 AAPM Online Continuing Education	04/30/2018	Diagnostic Radiology: Mammography	2477-N Print Your Own Phantom!	1
2018 AAPM Online Continuing Education	04/30/2018	Diagnostic Radiology: Mammography	2516-N How does c-view image quality compare with conventional 2D FFDM?	1
2019 AAPM Online Continuing Education	01/16/2019	Diagnostic Radiology: Mammography	1569-N Clinical Factors and Patient Dose in Mammography	1
2019 AAPM Online Continuing Education	01/23/2019	Diagnostic Radiology: Mammography	1574-N Emerging Clinical Digital Mammography Technologies	1
2019 AAPM Online Continuing Education	01/16/2019	Diagnostic Radiology: Mammography	1600-N Preparing for MQSA Inspections	1
2019 AAPM Online Continuing Education	01/23/2019	Diagnostic Radiology: Mammography	1605-N Mammography Dose and Accreditation	1
2019 AAPM Online Continuing Education	01/24/2019	Diagnostic Radiology: Mammography	1606-N DMIST Quality Control (Part I)	1
2019 AAPM Online Continuing Education	01/16/2019	Diagnostic Radiology: Mammography	2143-N Effect of Calcification on Image Quality	1
2019 AAPM Online Continuing Education	01/16/2019	Diagnostic Radiology: Mammography	2204-N Characterization of scatter in digital mammography from physical measurements	1
2019 AAPM Online Continuing Education	01/23/2019	Diagnostic Radiology: Mammography	2215-N Improved digital breast tomosynthesis images using automated ultrasound	1
	01/23/2019			1

2019 AAPM Online Continuing Education		Diagnostic Radiology: Mammography	2349-N Force balancing in mammographic compression	
2019 AAPM Online Continuing Education	01/23/2019	Diagnostic Radiology: Mammography	2408-N SBB vs. Mammography: Image Quality and Dose	1
2019 AAPM Online Continuing Education	01/15/2019	Diagnostic Radiology: Mammography	2599-N Stereotactic Breast Biopsy: Historical reminder	1
2019 AAPM Online Continuing Education	01/16/2019	Diagnostic Radiology: Mammography	2602-N Stereotactic Breast Biopsy - Physics Evaluations and 2017 updates	1
Diagnostic and Nuclear Medicine Radiation Shielding 3 part webinar series, 1.5 hours each	05/02/2017	Diagnostic Radiology: Radiography	Session 1: Diagnostic X-Ray Shielding	1.5
Diagnostic and Nuclear Medicine Radiation Shielding 3 part webinar series, 1.5 hours each	05/03/2017	Diagnostic Radiology: Radiography	Session 2: Computed Tomography and Mammography	1.5
Diagnostic and Nuclear Medicine Radiation Shielding 3 part webinar series, 1.5 hours each	05/04/2017	Diagnostic Radiology: Radiography	Session 3: Nuclear Medicine, PET/CT & SPECT/CT	1.5
Total Released Credits:				21.5

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2027 N. 36<sup>th</sup> St.  
St, Joseph, MO 64506  
(816) 390-9011  
(800) 306-4477  
Fax (816) 390-8003

November 22, 2016

To: Whom it may Concern

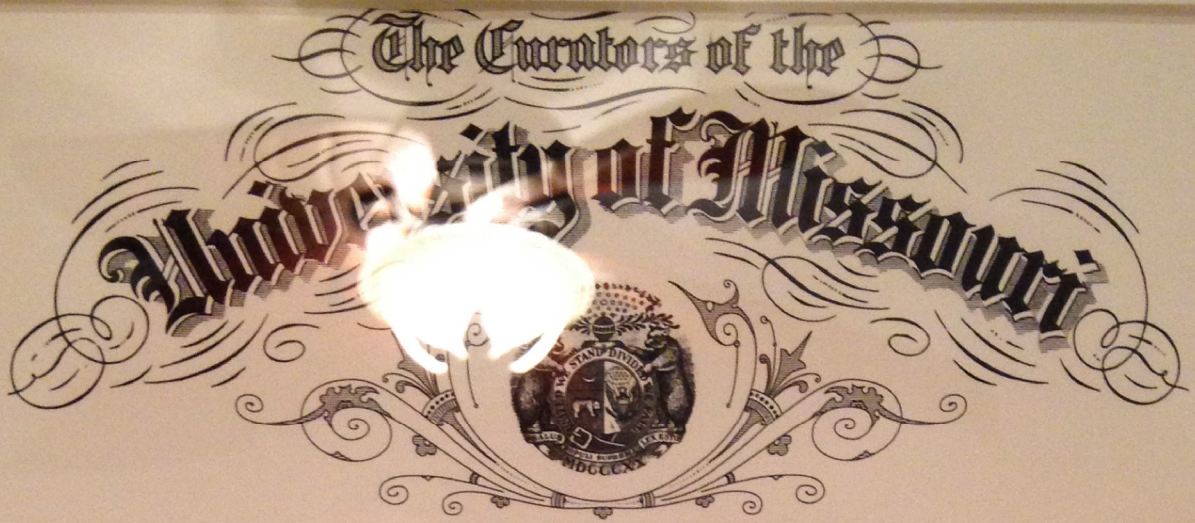
From: Stephen E. Hale Jr., Ph.D., DABR

*Stephen E. Hale Jr.*

Subject: Physicist training for General Electric

This is to certify that Kevin J. Sweeney, M.S., has received 8 hours of in-service training in the unique aspects of the General Electric Seno-Clair Breast Tomosynthesis system.



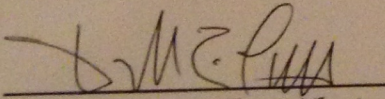


To all whom it may concern  
Greeting:

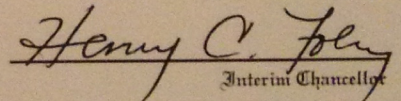
Be it known that the Curators, having been advised by the Faculty that  
**Kevin Joseph Sweeney**  
has completed the Course of Study required of candidates for the degree of  
**Master of Science**  
Nuclear Engineering

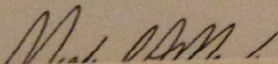
and is qualified to receive the same, do confer said degree  
with all the honors and privileges appertaining thereto.  
In testimony whereof the signatures of the proper officials and the  
seal of the University are affixed.

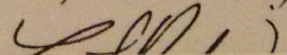
Done at the  
**University of Missouri-Columbia**  
in the City of Columbia, State of Missouri,  
this eighteenth day of December in the year two thousand and fifteen.

  
Chair of the Board of Curators



  
Interim Chancellor









**Integrated Science Support, Inc.**

14464 N 169 Hwy  
Smithville, MO 64089

The following is a true representation of the Continuing Mammography System Evaluation Experience for the indicated Physicist.

1/4/2018

**Stephen E. Hale, Ph.D., DABR**  
**President**

**Date**

**Continuing Experience Summary for Kevin Sweeney, M.S.**

Facility State	MQSA Number	System Model	Date Performed
IA	10427018	Essential	6/27/2016
IA	10381904	Senographe Essential	6/28/2016
IA		Selenia	1/19/2017
KS	136036	Selenia	4/18/2016
KS	225809	Lorad Selenia	4/18/2016
KS	120337	Senographe Essential	6/30/2016
KS	233220	Senographe 800T	7/26/2016
KS	109652	Essential	8/16/2016
KS	223065	SenoClaire	8/17/2016
KS		Mammomat Inspiration Prime	9/14/2016
KS	129049	Selenia Dimensions	11/4/2016
KS		Mammomat Inspiration	11/17/2016
KS	118612	Lorad Selenia	12/9/2016
KS		Selenia Dimensions	1/3/2017
KS	171280	Selenia Dimensions	1/25/2017
KS		Selenia Dimensions	3/2/2017
KS	173062	Essential	5/5/2017
KS		Mammomat Inspiration	6/9/2017
KS	161562	Selenia	6/14/2017
KS		Dimension	7/5/2017
KS		Selenia Dimensions	8/7/2017
KS	223065	SenoClaire	8/8/2017

Facility State	MQSA Number	System Model	Date Performed
KS	107064	Dimensions	8/11/2017
KS		Mammomat Inspiration	9/8/2017
KS		Mammomat Inspiration Prime	9/21/2017
KS	164244	Selenia Dimensions	9/25/2017
KS	195032	Selenia Dimensions	10/10/2017
KS		Mammomat Inspiration Prime	10/31/2017
KS	129049	Dimensions	11/1/2017
KS	129049	Selenia Dimensions	11/1/2017
KS		Mammomat Inspiration	11/7/2017
KS		Selenia Dimensions	11/20/2017
KS	118612	Lorad Selenia	12/7/2017
MO	209619	Senographe Essential	4/5/2016
MO	237686	DMR/Fuji CR	5/31/2016
MO	235600	Senographe Essential	6/8/2016
MO	109652	Senographe Essential	6/9/2016
MO	133298	Selenia	7/5/2016
MO	235400	Senographe 800T	7/25/2016
MO	234020	Alpha (MGF 110)	7/27/2016
MO	233441	Alpha (MGF 110)	7/28/2016
MO	187526	Selenia Dimensions	8/10/2016
MO	187526	Selenia	8/10/2016
MO	116079	Senographe DS	8/15/2016
MO	236085	Lorad Selenia Dimensions	9/16/2016
MO	183335	Selenia Dimensions	10/10/2016
MO	187526	Selenia Dimensions	12/2/2016
MO	222746	Senographe Essential	12/7/2016
MO	237239	Platinum M-IV- HTC Grid/ Fuji FCR	1/11/2017
MO	18327	Selenia Dimensions	2/7/2017
MO	227260	Essential	2/15/2017
MO	109694	Senographe Essential	3/23/2017
MO	233441	Instrumentarium/Carestream CR	4/3/2017
MO	209619	Senographe Essential	4/20/2017
MO		Selenia Dimensions	4/20/2017
MO	119537	Lorad Selenia	4/27/2017

Facility State	MQSA Number	System Model	Date Performed
MO	182758	Aspire	5/16/2017
MO	235600	Senographe Essential	6/29/2017
MO	217588	Essential	7/21/2017
MO		Mammomat Inspiration	8/10/2017
MO		Mammomat Inspiration	8/17/2017
MO		Mammomat Inspiration	8/24/2017
MO		Mammomat Inspiration	9/5/2017
MO	174330	Selenia - Dimension	9/19/2017
MO	222746	Senographe Essential	12/13/2017

IA Facilities:	<input type="text" value="3"/>	IA Machines:	<input type="text" value="3"/>
KS Facilities:	<input type="text" value="15"/>	KS Machines:	<input type="text" value="30"/>
MO Facilities:	<input type="text" value="22"/>	MO Machines:	<input type="text" value="32"/>