Integrated Science Support, Inc
14464 N 169 Hwy
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

Iowa Mammography 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 2018

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

Qualified Expert in Radiation Safety

Kevin Sweeney MS

Recognition of Qualified Expert Status Valid

01/23/2017 Until: 01/23/2019

Qualified Expert ID:

QE253

Administrator, Bureau of Ambulatory Care

Area(s) of Expertise

- ☑ Health Physics Consultation
- ☑ Radiation Shielding Design
- ☑ Diagnostic Radiographic (Medical/Chiropractic/Podiatric)
- ☑ Fluoroscopy/Inverventional Radiology
- ☑ Non-Medical/Industrial/Academic/Research
- ☐ Therapy/Linear Accelerator
- ☑ Mammography *(FDA MQSA Standards
- ☑ CT
- ☑ Bone Density/DEXA
- ☑ Dental (Non-CBCT)
- ☑ Veterinary Radiology
- ☐ 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 or 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. 36th 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

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
Bureau of Community Health Systems
Radiation Control Section
1000 SW Jackson, Ste. 330
Topeka, KS 66612-1365

Kansas
Department of Health and Environment

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	SERVICE PROVIDER SPECIALTY	REGISTRATION DATE
KS-125	Medical Diagnostic X-ray Physics	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,

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

HOLOGIC®

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

Lori Fontaine
VP, Clinical & Regulatory

Integrated Science Support, Inc.
2027 N. 36th 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
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. 36th Street, St. Joseph, MO 64506.

Integrated Science Support, Inc
2027 N. 36th 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.

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. 36th 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

Program Title	Date Credits Earned	Category/SubCategory	EA Title	Credits
2016 AAPM Online Continuing Education	09/01/2016	Diagnostic Radiology:Radiography	2201-N The Art of the Image: The Identification and Remediation of Image Artifacts in Projection Radiography	1
2016 AAPM Online Continuing Education	09/22/2016	Diagnostic Radiology:Mammography	2203-N Comparative performance of modern digital mammography systems	1
2016 AAPM Online Continuing Education	08/08/2016	Diagnostic Radiology:Mammography	2209-N Accreditation of Stereotactic Breast Biopsy and Breast Ultrasound Systems	1
2016 AAPM Online Continuing Education	08/08/2016	Diagnostic Radiology:Mammography	2263-N ACR Accreditation of Stereotactic Breast Biopsy Systems and of Breast Ultrasoud Systems (2015)	1
2016 AAPM Online Continuing Education	08/08/2016	Diagnostic Radiology:Mammography	2306-N Local curvature analysis for classifying breast tumors: Preliminary analysis in dedicated breast CT	1
2016 AAPM Online Continuing Education	09/01/2016	Diagnostic Radiology:Ultrasound	2321-N Emerging and Innovative Ultrasound Technology in Diagnosis and Therapy	1
2016 AAPM Online Continuing Education	08/11/2016	Diagnostic Radiology:None	2322-N Joint Imaging Education - Quantitative Imaging Symposium: Genomics and Image-omics for Medical Physicists	1
2016 AAPM Online Continuing Education	08/11/2016	Diagnostic Radiology:Mammography	2332-N Surveying and QC of Stereotactic Breast Biopsy Units for ACR Accreditation	1
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
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:	14.5

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Integrated Science Support, Inc
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November 22, 2016

To: Whom it may Concern
From: Stephen E. Hale Jr., Ph.D., DABR
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.

The Curators of the

University of Missouri

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

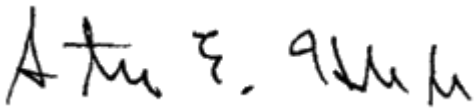
in the City of Columbia, State of Missouri,
this eighteenth day of December in the year two thousand and fifteen.

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 **Date**
President

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:	3	IA Machines:	3
KS Facilities:	15	KS Machines:	30
MO Facilities:	22	MO Machines:	32