

Curriculum Vitae
Cal R. Schmidt, MS DABR

Contact Info:

Phone: (612) 961-6614

Fax: (612) 326-9551

E-Mail: cal@midwestphysics.com

Education:

M.S. in Medical Physics, University of Wisconsin - Madison: 2010

B.S. Double Major in Physics and Math (*Summa Cum Laude*), University of Wisconsin - Whitewater: 2008

Certification:

American Board of Radiology – Diagnostic Medical Physics, May 2015

Initial Qualification for MQSA Qualified Physicist – August 2015

- GE Digital Breast Tomosynthesis Mastery Training
- Hologic Product Training for 3-D Mammography
- Siemens MAMOMAT Inspiration Tomosynthesis Training

Experience:

Consultant Medical Physicist, Midwest Medical Physics, 2010 – Present

Research Assistant, University of Wisconsin Medical Radiation Research Center, 2008 – 2010

Society Memberships:

American Association of Physicists in Medicine (AAPM)

Minnesota Radiation Emergency Volunteer (MREV)

American College of Radiology (ACR)

Minnesota Radiological Society (MRS)

Awards:

Farrington Daniels Award for the best paper on Radiation Dosimetry published in Medical Physics in 2011.

Publications:

Brian E. Rasmussen, Stephen D. Davis, **Cal R. Schmidt**, John A. Micka, and Larry A. DeWerd, “Comparison of air-kerma strength determinations for HDR ^{192}Ir sources,” Med. Phys. 38, 6721 (2011).

Continuing Education:

CAMPEP Medical Physics Credits – 7/5/21 through 11/28/23

95 Credit Hours in all areas

Mammo CME in Last 36 months: 26 hours

The American Board of Radiology

*Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Radiation Oncology, the Association of University Radiologists,
the American Association of Physicists in Medicine, and the Society of Interventional Radiology,
the American Board of Radiology hereby certifies that*

Cal Richard Schmidt, MS

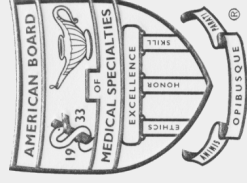
*Has pursued an accepted course of graduate study and clinical work; has met certain standards
and qualifications, including passing the examinations conducted under the authority of
the American Board of Radiology, demonstrating to the satisfaction of the Board qualification
to practice; and is therefore awarded the Board's certification in*

Diagnostic Medical Physics

MS® Eligible



DA®



*Ongoing validity of this certificate is contingent upon
meeting the requirements of Maintenance of Certification.*

*This diplomate of the American Board of Radiology
is permitted to use the DA® mark to signify this certification.*

William J. Libbertson, MD
President

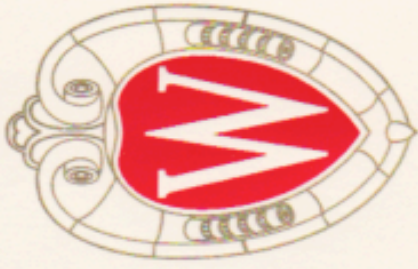
C. P. ...
Secretary-Treasurer

Valeri J. Johnson
Executive Director

Certificate No. H5957

Effective: May 15, 2015

UNIVERSITY OF WISCONSIN-MADISON



The Board of Regents of the University of Wisconsin System,
on the nomination of the faculty, has conferred upon

CAL RICHARD SCHMIDT


The Degree of

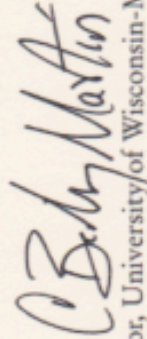
**MASTER OF SCIENCE
MEDICAL PHYSICS**

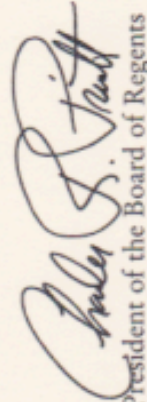
Together with all honors, rights, and privileges belonging to that degree.

In witness whereof, this diploma is granted.

Given at Madison, in the State of Wisconsin,
this sixteenth day of May, in the year two thousand and ten
and of the University the one hundred sixtieth.


President, University of Wisconsin System


Chancellor, University of Wisconsin-Madison


President of the Board of Regents



Food and Drug Administration
10993 New Hampshire Avenue
Silver Spring, MD 20993

September 28, 2015

Cal Schmidt
710 N 4th St #400
Minneapolis MN 55401

Dear Mr. Schmidt:

After reviewing your credentials, the Division has determined that you meet the initial qualification requirements described in Section 900.12(a)(3)(i) of the final regulations. A copy of this letter may be provided to your facility as documentation that these requirements are met. For MQSA documentation purposes, you will also need to supply all facilities where you provide mammography services a copy of your current State approval, State license, or Board certification. Please be aware that if your State approval or State license expires after a certain period, you must provide to your facilities a new copy of the documentation after each renewal. Failure to provide your facility with proper valid documentation may lead to a citation.

From the information you provided for our review, your starting date for meeting your continuing education and continuing experience requirement is August 27, 2015. If you have any further questions regarding this matter, please contact the MQSA Hotline at 1-800-838-7715.

Sincerely yours,

A handwritten signature in black ink that reads "Helen J. Barr, MD".

Helen J. Barr, M.D., Director
Division of Mammography Quality Standards
Office of In Vitro Diagnostics and Radiological Health
Center for Devices and Radiological Health



AMERICAN
BOARD OF
RADIOLOGY

Verification of Certification and Continuing Certification (MOC)

02/13/2024

Name: Mr. Cal Richard Schmidt

Continuing Certification Program: Participating

Practice Locations: No U.S or Canadian practice locations listed.

Certificate

Diagnostic Medical Physics*

Status

Certified

Maintenance

Maintained

The information provided in this letter is considered the primary source verification. The most current certificate and Continuing Certification (MOC) public reporting status information can be accessed at any time for Mr. Cal Richard Schmidt by entering the required information in the "Verify board certification status" search on the ABR website at www.theabr.org.

For questions regarding the ABR Continuing Certification (MOC) Program or its participation requirements, please contact the board office at (520) 790-2900 or information@theabr.org

Sincerely,

Brent Wagner, MD, MBA

Executive Director

American Board of Radiology

* Validity of certification is contingent upon participation in Continuing Certification (MOC). The ABR recommends verification of certificate to be repeated annually.

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

Cal Schmidt
 4200 Drew Ave S
 Minneapolis, MN 55410
 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>
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/25/2021	Diagnostic Radiology: Mammography	Breast Imaging	1
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/27/2021	Diagnostic Radiology: Mammography	Breast Imaging 1: Current State of the Art	2
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/29/2021	Diagnostic Radiology: Mammography	Breast Imaging 2: Possible Future Directions	2
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/29/2021	Diagnostic Radiology: Computed Tomography	CT Protocol Development and Management	1
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/25/2021	Diagnostic Radiology: Patient Safety	Fluoroscopy Dose Management	2
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/25/2021	Diagnostic Radiology: Mammography	Imaging Markers of Breast Cancer Risk	1
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/27/2021	Diagnostic Radiology: None	Imaging: Artificial Intelligence in Medical Imaging	2
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/26/2021	Diagnostic Radiology: Magnetic Resonance	MR Protocol Basics: Brain, Spine and Prostate	1
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/26/2021	Diagnostic Radiology: Magnetic Resonance	MRI Homogeneity Testing	1

2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/27/2021	Diagnostic Radiology: Computed Tomography	Recent Advances in X-ray CT - from Ultra-high Resolution Imaging to AI Reconstruction	2
2021 AAPM Virtual 63rd Annual Meeting & Exhibition	07/28/2021	Diagnostic Radiology: Computed Tomography	Updates on CT Dosimetry	2
2021 AAPM Virtual Spring Clinical Meeting	04/19/2021	Diagnostic Radiology: Mammography	Emerging Technologies: Breast Density Software and CEM	2
2021 AAPM Virtual Spring Clinical Meeting	04/20/2021	Diagnostic Radiology: None	Fluoroscopy Dose Calculations - Adding Value to Safety	2
2021 AAPM Virtual Spring Clinical Meeting	04/18/2021	Radiotherapy: Quality Management	From Page to Clinic - Bringing Good Ideas to your Physics Group	2
2021 AAPM Virtual Spring Clinical Meeting	04/19/2021	Diagnostic Radiology: Mammography	I, Mammo: Artificial Intelligence in Mammography	2
2021 AAPM Virtual Spring Clinical Meeting	04/18/2021	General Medical Physics: Professional	Keeping Out of Harms Way - Safety Revisited	2
2021 AAPM Virtual Spring Clinical Meeting	04/20/2021	Diagnostic Radiology: Mammography	Live and In Stereo: Mammography Tips and Tricks	2
2021 AAPM Virtual Spring Clinical Meeting	04/18/2021	Diagnostic Radiology: Magnetic Resonance	MRI - From Basics to State-of-the-Art Protocols	2
2021 AAPM Virtual Spring Clinical Meeting	04/17/2021	General Medical Physics: Professional	Project Management - Making Better Leaders	2
2021 AAPM Virtual Spring Clinical Meeting	04/20/2021	Diagnostic Radiology: None	The Balancing Act: Optimizing CT Image Quality and Dose	2
2021 AAPM Virtual Spring Clinical Meeting	04/18/2021	Radiotherapy: Clinical Trials	The Uncertainty Session - Understanding Statistics and Clinical Trials	2
2021 AAPM Virtual Spring Clinical Meeting	04/19/2021	Diagnostic Radiology: Computed Tomography	Tomo Topics - Focus on the Clinical Plane	2
2021 AAPM Virtual Spring Clinical Meeting	04/19/2021	Radiotherapy: Quality Management	Topics in QA	2
2022 AAPM Online Learning Center	10/11/2022	Diagnostic Radiology: Mammography	2939-N QC Requirements for the Hologic Dimensions and GE SenoClaire Digital Breast Tomosynthesis Units	1
2022 AAPM Online Learning Center	10/11/2022	Diagnostic Radiology: Mammography	4326-N Updates on the New ACR FFDM Manual	1

2022 RSNA Annual Meeting	11/29/2022	Diagnostic Radiology: None	AAPMRSNA Physics Tutorial: Differences Between Pediatric and Adult Imaging from A Radiologists Perspective	1
2022 RSNA Annual Meeting	11/28/2022	Diagnostic Radiology: None	Challenging Breast Cases: A Game Show USA Versus Europe	1
2022 RSNA Annual Meeting	12/01/2022	Diagnostic Radiology: None	Physics AI Applications in CT	1
2022 RSNA Annual Meeting	12/01/2022	Diagnostic Radiology: None	Shielding: The Continued Discussion Sponsored by the Associated Sciences Consortium	1
2022 RSNA Annual Meeting	11/28/2022	Diagnostic Radiology: None	Wait What A MRI System is Going WHERE Sponsored by the Associated Sciences Consortium	1
2023 AAPM Online Learning Center	09/27/2023	Diagnostic Radiology: Radiation Protection	1638-N Evaluation and Consulting on Patient Dose in Diagnostic Imaging	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Computed Tomography	1826-N Quality Control in CT, CE - CT 2	1
2023 AAPM Online Learning Center	05/30/2023	PACS: Imaging	2059-N Risk: CT Dose Reporting and Tracking	1
2023 AAPM Online Learning Center	05/17/2023	Diagnostic Radiology: Computed Tomography	2061-N CT: Dose Estimation and Measurement	1
2023 AAPM Online Learning Center	05/24/2023	Radiation Protection: Diagnostic Radiology	2123-N CT: Shielding and Radiation Protection room, personnel and patient shielding	1
2023 AAPM Online Learning Center	05/30/2023	General Medical Physics: Regulatory/Accreditation	2486-N ACR accreditation updates in MR and CT	1
2023 AAPM Online Learning Center	09/27/2023	Diagnostic Radiology: Computed Tomography	2487-N CT Dose Indices: Everybody Wants a Number CTDI, DLP, SSDE, E Dose, Organ Dose	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Computed Tomography	2584-N Medical Physicist CT Equipment Evaluations	1
2023 AAPM Online Learning Center	05/30/2023	Diagnostic Radiology: Computed Tomography	2601-N CT Protocol Review - Validation and Verification 2017	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Mammography	2742-N The New ACR Mammography QC Manual 2019-An Overview and Early Adopter Perspectives	1
2023 AAPM Online Learning Center	09/29/2023	Diagnostic Radiology: Dosimetry	2744-N An Analysis of Shielding Design in Medical Imaging: Are We Overshielding -Part I	1
2023 AAPM Online Learning Center	05/30/2023	Diagnostic Radiology: Mammography	2892-N An Overview of the New ACR DBT QC Tests and Phantom 2019	1

2023 AAPM Online Learning Center	10/11/2023	Diagnostic Radiology: Computed Tomography	2931-N The Future of CT Testing TG 233 update 2019	1
2023 AAPM Online Learning Center	09/15/2023	Diagnostic Radiology: Radiation Protection	2932-N Shielding Report Surveys	1
2023 AAPM Online Learning Center	05/18/2023	Diagnostic Radiology: Computed Tomography	2954-N Overview of CT Accreditation Programs and Requirements: A Physicists Perspective	1
2023 AAPM Online Learning Center	10/11/2023	Diagnostic Radiology: Dosimetry	3092-N Good, Bad and Ugly of Patient Exposure and Dose Tracking in CT	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Quality Management	3093-N Identifying Image Artifacts, Their Causes, and How to Fix Them	1
2023 AAPM Online Learning Center	06/08/2023	General Medical Physics: Regulatory/Accreditation	3114-N Compliance with the AAPM CT Clinical Practice and Joint Commission Guidelines	1
2023 AAPM Online Learning Center	11/08/2023	Radiation Protection: Radiation Protection	3115-N A Practical Guide to Radiation Safety Surveys -diagnostic and therapy	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Mammography	4164-N Unique Features of the Siemens Inspiration Digital Breast Tomosynthesis System	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Magnetic Resonance	4165-N Physics of MR Safety	1
2023 AAPM Online Learning Center	09/19/2023	Diagnostic Radiology: Radiation Protection	4248-N Radiation Safety Surveys in Diagnostic Imaging	1
2023 AAPM Online Learning Center	05/24/2023	Diagnostic Radiology: Mammography	4256-N Digital Breast Tomosynthesis Physics: Basics to Advanced	1
2023 AAPM Online Learning Center	01/30/2023	Diagnostic Radiology: Mammography	4258-N Digital Breast Tomosynthesis Unique Features of the GE SenoClaire Tomosynthesis System	1
2023 AAPM Online Learning Center	09/28/2023	Diagnostic Radiology: Computed Tomography	4324-N Current Issues in CT Imaging	1
2023 AAPM Online Learning Center	11/08/2023	Radiation Protection: Radiation Protection	4327-N Shielding Techniques for Current Radiation Therapy Modalities	1
2023 AAPM Online Learning Center	06/08/2023	General Medical Physics: Regulatory/Accreditation	4416-N Duties of the Medical Radiation Safety Officer	1
2023 AAPM Online Learning Center	09/27/2023	Diagnostic Radiology: Computed Tomography	N-4549 CT Clinical Practice: Compliance with AAPM, ACR, and TJC Guidelines	1
2023 RSNA Annual Meeting	11/29/2023	Diagnostic Radiology: Ultrasound	AI in Ultrasound Imaging	1

2023 RSNA Annual Meeting	11/30/2023	Diagnostic Radiology: Mammography	Breast Imaging Advanced Applications in Breast Imaging	1
2023 RSNA Annual Meeting	11/26/2023	Diagnostic Radiology: Mammography	Breast Imaging Breast MRI and Developing Techniques	1
2023 RSNA Annual Meeting	11/26/2023	Diagnostic Radiology: Mammography	Breast Imaging CEM: Advanced Applications	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Mammography	Breast Imaging Pathologic Outcomes	1
2023 RSNA Annual Meeting	11/30/2023	Diagnostic Radiology: Mammography	Breast Imaging Screening Mammography A to Z	1
2023 RSNA Annual Meeting	11/30/2023	Diagnostic Radiology: None	Data Curation for AI with Proper Medical Imaging Physics Context	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Computed Tomography	Deep Learning in CT Image Formation	1
2023 RSNA Annual Meeting	11/30/2023	Diagnostic Radiology: Magnetic Resonance	Deep Learning in MRI	1
2023 RSNA Annual Meeting	11/27/2023	Diagnostic Radiology: None	Dose Calculation Tools for Fluoroscopic Imaging: An Overview of Their Development, Accessibility, and What Role They Play in Communicating and Managing Patient Risk	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Mammography	Essentials of Breast Imaging	1
2023 RSNA Annual Meeting	11/30/2023	Diagnostic Radiology: Mammography	Localization and Biopsy Techniques for the Breast	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Magnetic Resonance	New Techniques in Breast MRI	1
2023 RSNA Annual Meeting	11/29/2023	Diagnostic Radiology: Computed Tomography	Photon Counting CT	1
2023 RSNA Annual Meeting	11/29/2023	Diagnostic Radiology: Computed Tomography	Physics AI applications in CT	1
2023 RSNA Annual Meeting	11/29/2023	Nuclear Medicine: None	Physics Nuclear Medicine	1
2023 RSNA Annual Meeting	11/26/2023	Diagnostic Radiology: Computed Tomography	Physics Photon Counting Detector CT I	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Computed Tomography	Physics Photon Counting Detector CT II	1
2023 RSNA Annual Meeting	11/28/2023	Diagnostic Radiology: Computed Tomography	Practical Multi-Energy CT in the ER	1
Total Released Credits:				95

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