

DAVID M. WILLIAMS MS, RDCS, RVT

Education	Master of Science – Exercise Physiology University of Pittsburgh, 1996
Thesis Title:	The Effect of Accelerometer Placement and Walking Speed on Activity Level Measurement
	Bachelor of Science - Psychology John Carroll University, 1988

Registries	American Registry of Diagnostic Medical Sonographers # 52504 Registered Vascular Technologist - RVT 1997 Registered Diagnostic Cardiac Sonographer - RDCS 2001
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Professional Affiliations	Society for Vascular Ultrasound Board of Directors, 2018 - 2020 Co-Chair - Quality Improvement and Research Committee 2018-present SVU / SVS: Doppler Waveform Consensus Statement Writing Group
	Society of Diagnostic Medical Sonography Advanced Placement Sonographer - Vascular (2004)

Current Business Address:	MUSC Health Florence Medical Pavilion Cardiovascular Surgery - Vascular Laboratory Suite B300, 805 Pamplico Highway Florence, SC 29505 Technical Director
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Prior Business Addresses:	CMA – SC Cardiovascular Surgery April 2007-Feb 2019 Florence, SC 29505 Technical Director 2012-2019
	UPMC - Hamot Heart Institute, Medicor Associates June 2000-April 2007 Erie, PA 16507 Technical Director / Chief Technologist
	Vascular Diagnostic Educational Services 2002-2004 Harrisburg, PA Educator / Lecturer / Consultant

Prior Business Addresses: *continued* **Atlantic Medical Systems, Inc.** Feb 1998-June 2000
Mobile Cardiac and Vascular Diagnostics
Columbia, SC
Director of Clinical Operations

Palmetto Health - Richland Memorial Hospital May 1996-Feb 1998
Vascular Laboratory
Columbia, SC
Vascular Technologist

University of Pittsburgh Medical Center Oct 1988-Jan 1996
Western Psychiatric Institute & Clinic, Behavioral Medicine & Anxiety Program
Pittsburgh, PA
Senior Research Associate

Editorial Responsibilities

Journal for Vascular Ultrasound
Editorial Review Board

Journal of Diagnostic Medical Sonography
Manuscript Reviewer, Echocardiography and Vascular Ultrasound Sections

Research Publications

Wooster, D. L., Angelson, M. E., & Williams, D. M. (2019). A Bibliometric Survey of Publications in Vascular Ultrasound. *Journal for Vascular Ultrasound*. <https://doi.org/10.1177/1544316719874567>

Wooster, D. L., Angelson, M. E., & Williams, D. M. (2019). A Content Analysis of the Journal for Vascular Ultrasound: Challenges and Opportunities. *Journal for Vascular Ultrasound*. <https://doi.org/10.1177/1544316719874570>

Jacob R.G., Thayer J..F, Manuck S.M., Muldoon M.F., Tamres L.K., Williams D.M., Ding Y., & Gatsonis C. Ambulatory blood pressure responses and the circumplex model of mood: A four-day study. *Psychosomatic Medicine*, 61:319-333 1999. <https://doi.org/10.1097/00006842-199905000-00011>

Jacob RG, Chesney MA, Shapiro AP and Williams DM. Response to correspondence on "Relaxation therapy for hypertension: Design effects and treatment effects." *Annals of Behavioral Med* 14:181-182 1992.

Jacob RG, Chesney MA, Williams DM, Ding Y and Shapiro AP. Relaxation therapy for hypertension: Design effects and treatment effects. *Annals of Behavioral Med* 13:5-17 1991. <https://doi.org/10.1093/abm/13.1.5>

Smith VE, Tamres LK, Muldoon M, Williams DM, Ding Y, Manuck SM, and Jacob RG. Neither awake nor sleep blood pressures better predict target organ effect. *J Cardiovascular Pharmacology* 17: Suppl. 2, S125-S128, 1991. <https://doi.org/10.1097/00005344-199117002-00029>

Invited Lectures, Presentations and Webcasts

Implementation of the Digital Laboratory, Advanced Cardiac Imaging, Hamot Heart Institute, Erie PA, October 2002. (Presenter and Planning Committee Member)

Practical Issues in the Digital Echo Laboratory, Advanced Cardiac Imaging, Hamot Heart Institute, Erie PA, October 2002. (Presenter and Planning Committee Member)

Interesting Cases from the World of Vascular and Cardiac Ultrasound, CMA Professional Coders Quarterly Meeting, October 2014.

Arterial and Venous Hemodynamics and the Heart, Society for Vascular Ultrasound Annual Conference, August 2014.

Cardiac and Pulmonary Effects on Vascular Doppler Waveforms, Vascular Technology Symposium, North Carolina Vascular Technologists 26th Annual Educational Course, Greensboro, NC, Feb 28 - March 1, 2015.

Cardiac and Pulmonary Physiology - Influence of Cardiac and Pulmonary Function on Vascular Ultrasound Images and Doppler Waveforms, webcast, Society for Vascular Ultrasound website; August 2015.

A Discussion of Doppler Waveform Descriptors: Nomenclature and Rationale, AVID Symposium, NYC, Nov 2015.

More on Cardiac Effects on Peripheral Imaging: Cardiac Influence on Peripheral Vascular Arterial and Venous and Carotid Studies - Case Study Analysis, AVID Symposium, NYC, Nov 2015.

Basic Echocardiography for the Vascular Sonographer/Technologist, AVID Symposium, NYC, Nov 2015.

Cardiac Effects on Peripheral Vascular Doppler Waveforms, Leading Edge in Diagnostic Ultrasound - Vascular Ultrasound Imaging & Doppler, May 2016.

Examination of Challenging Distal Bypass Grafts, Leading Edge in Diagnostic Ultrasound - Vascular Ultrasound Imaging & Doppler, May 2016.

Ultrasound Documented Vascular Surgery Cases, Leading Edge in Diagnostic Ultrasound - Vascular Ultrasound Imaging & Doppler, May 2016.

Varicose Veins and Spiders...Oh My! CMA Professional Coders Quarterly Meeting, Sept 2016.

Evaluation of the Aortic Arch Vessels, AVID Symposium, NYC, Nov 2016.

Case Study Analysis: Cardiac Effects on Peripheral Doppler Waveforms, AVID Symposium, NYC, Nov 2016.

Cerebrovascular Cases, AVID Symposium, NYC, Nov 2016.

Medial Wall Calcification Development and Accurate Blood Flow Measurement: When to Rely on Duplex Assessment. AVID Symposium, NYC, Nov 2016.

Invited Lectures, Presentations and Webcasts - continued

Evaluation of Aortic Arch Vessels. Mercy-St. Louis Vascular Symposium – 20th Edition April 2017.

Medial Wall Calcinosiis: ABI/TBI vs. Duplex. Mercy-St. Louis Vascular Symposium – 20th Edition April 2017.

Scanning the Aortic Arch (with Steve Knight, RDCS, RDMS, RVT, FSVU). Society for Vascular Ultrasound Annual Conference, Aug 2017.

Recognizing the Effect of Cardiac Pathologies on Peripheral Vessel Disease Evaluation. AVID Symposium, NYC, Nov. 2017.

Workshop: More on Cardiac Effects on Peripheral Vein and Arterial Disease Evaluation: Case Study Session (with Heather Gornik, MD). AVID Symposium, NYC, Nov 2017.

Equivocal ABI Results: What Next? AVID Symposium, NYC, Nov 2017.

Echocardiography for the Vascular Technologist: A Starter Pack of Clinical Cineloops, Images and Doppler Waveforms Online Webinar. Society for Vascular Ultrasound; June 2018.

Uncommon Aneurysm Cases – AVID Symposium, NYC, Nov 2018.

Workshop: Cardiac Effects on Duplex Vascular Testing. AVID Symposium, NYC, November 2018.

Avoiding Common Mistakes in 2D and Doppler Measurement. AVID Symposium, NYC, November 2018

Pre and Post OP Imaging of Radial and Ulnar Aneurysms. Mercy-St. Louis Vascular Symposium – 21st Edition, February 2019.

Workshop: Cardiac Effects on Peripheral Vascular Waveforms. Mercy-St Louis Vascular Symposium – 21st Edition, February 2019.

Avoiding Common Mistakes in Duplex Imaging. Mercy-St. Louis Vascular Symposium – 21st Edition, February 2019.

A Survey of the Journal for Vascular Ultrasound. Society for Vascular Ultrasound Annual Conference, Chicago IL, August 2019.

Society for Vascular Ultrasound Research Initiative (QIRC) Update (with Douglas Wooster, MD). Society for Vascular Ultrasound Annual Conference, Chicago, IL, August 2019.

Challenge Accepted Lower Extremity Arterial Duplex Imaging: Grafts and Anomalies. South Carolina Society for Vascular Ultrasound regional conference, Lexington SC, September 2019.

SVU Research “How to” Webinar (with QIRC Co-Chair Douglas Wooster, MD). Society for Vascular Ultrasound website; November 2019.

The Worst Things We’ve Seen as Vascular Sonographers (with JP Hughes, BS, RVT, RVS, RPhS, FSVU). AVID Symposium, NYC, November 2019.

Invited Lectures, Presentations and Webcasts - continued

Arterial Waveform Nomenclature: Can We Put an End to this Once and for All? AVID Symposium, NYC, November 2019.

Workshop: Hands-On Lecture, Carotid Artery Imaging, AVID Symposium, NYC, November 2019.