

**DEANNA M. BARYMON, Ed.D., RDMS, RDCS, RVT, R.T.(R)(ARRT)**  
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**Education:**

- 2022 Doctor of Education  
University of Arkansas  
Fayetteville, Arkansas\  
Major: Adult Education and Lifelong Learning
- 2020 Post Baccalaureate Certificate  
Arkansas State University  
Jonesboro, Arkansas  
Emphasis: Radiologic Technology
- 2009 Master of Science  
Arkansas State University  
Jonesboro, Arkansas  
Major: Health Sciences  
Emphasis: Health Science Education
- 2002 Bachelor of Science  
Arkansas State University  
Jonesboro, Arkansas  
Major: Radiological Sciences  
Emphasis: Diagnostic Medical Sonography

**Certifications:**

- 2002 RDMS(AB)  
2004 RVT  
2008 RDCS (AE)  
2010 RDMS (OB/Gyn)  
2020 R.T.(R)(ARRT)

**Experience:**

- 08/2024-Present Program Director/Assistant Professor- Health Studies  
Arkansas State University, Jonesboro, Arkansas
- 08/2023- 08/2024 Adjunct Faculty  
Arkansas State University, Jonesboro, Arkansas
- 08/2023-05/2024 High School Science Teacher  
Westside Consolidated School District Jonesboro, Arkansas

07/2007-08/2023	Associate Professor-Diagnostic Medical Sonography Arkansas State University, Jonesboro, Arkansas
11/2018-01/2020	Echocardiographer-PRN NEA Baptist Memorial Hospital
07/2013-08/2015	Echocardiographer-PRN St Bernard's Medical Center, Jonesboro, Arkansas
04/2011-06/2012	Sonographer -PRN Twin Rivers Regional Medical Center, Kennett, Missouri
12/2006-05/2008	Echocardiographer-PRN St Bernard's Regional Medical Center, Jonesboro, Arkansas
11/2004-07/2007	Echocardiographer Cardiology Associates of NEA, Jonesboro, Arkansas
01/2003-11/2004	Echocardiographer St Bernard's Regional Medical Center, Jonesboro, Arkansas
08/2002-04/2004	Diagnostic Medical Sonography Adjunct Faculty Arkansas State University, Jonesboro, Arkansas
06/2002-01/2005	Sonographer Baptist Memorial Healthcare, Memphis, Tennessee

### **Grants/Scholarships/Awards**

2020	SDMS Advanced Degree Scholarship recipient, \$2500
2018	A-State Faculty Achievement Awards- Scholarship for College of Nursing and Health Professions
2015	Vollman Family Faculty Enhancement Fund recipient, \$4000.00 Funds to attend the Gulf Coast Ultrasound Musculoskeletal Training
2015	A-State Faculty Achievement Awards- Teaching for College of Nursing and Health Professions
2014	A-State Medical Imaging and Radiation Sciences Outstanding Alumni Award
2011	Vollman Family Faculty Enhancement Fund recipient, \$2600.00 Funds to attend the Gulf Coast Ultrasound Musculoskeletal Training

## PUBLICATIONS

### **National**

- 2019 Jan DuBose, C.O., Youngman, K., **Barymon, D.** Coronary Computed Tomography Angiography and Calcium Scoring. *Radiologic Technology*, 90(3), 259-275.
- 2018 Jan Guffey, J.S., **Barymon, D.**, Doerflein, C., Vo, C., Bowen, D. Degenerative changes in Asymptomatic Subjects: A Descriptive Study Examining the Supraspinatus Using Musculoskeletal Sonography in a Young Population. *Journal of Allied Health*, 47(2), 152-155.
- 2017 Jan **Barymon, D.**, DuBose, C., Endometrial Ablation: A tale of two women. *Journal of Diagnostic Medical Sonography*, 33(3), 217-222.
- 2017 Jan **Barymon, D.** HCAHPS: What's Sonography Got To Do With It? The Sonographers Role in HCAHPS and Value-Based Purchasing. *Journal of Diagnostic Medical Sonography*, 33(2), 152-154.
- 2016 Jan Guffey, J., Motts, S., **Barymon, D.**, Wooten, A., Clough, T., Payne, E., and Henderson, M. Using Near Infrared Light to Manage Symptoms Associated with Restless Leg Syndrome. *Physiotherapy Theory and Practice*
- 2014 Nov/Dec DuBose, C., **Barymon, D.**, Vanderford, V., Hensley, C., Shaver, G. Radiologic Sciences Students' Perceptions of Parental Involvement. *Radiologic Technology*, 86, 132-143

### **Presentations:**

#### **National**

- 2022 Feb Predicting Clinical Success from Program Admission Interviews  
Collegiate Educators in Radiologic Sciences Conference. Las Vegas, NV
- 2018 Feb Using interprofessional education to improve the profession. Association of Collegiate Educators in Radiologic Sciences Conference. Las Vegas, NV
- 2016 Feb Are you present? A Communication Issue in Today's Connected Society.  
Association of Collegiate Educators in Radiologic Sciences Conference. Las Vegas, NV
- 2016 Feb Post Procedure Hematometra: A Case Study. Association of Collegiate Educators in Radiologic Sciences Conference. Las Vegas, NV

- 2015 Oct Low Level Light Therapy vs. Traditional Exercises: Sonographic Assessment of Median Nerve in Carpal Tunnel Syndrome. Society of Diagnostic Medical Sonography Annual Conference. Dallas, TX
- 2014 July Radiologic Students' Perception of Parental Involvement. Association of Educators in Imaging and Radiologic Sciences Conference. Las Vegas, NV
- 2014 Feb Humans and our canine companions: An imaging comparison of anatomy and pathology. Association of Collegiate Educators in Radiologic Sciences Annual Conference

### **State/Regional**

- 2015 April Repetitive Strain Injuries in Medical Imaging and Radiation Sciences. Arkansas Society of Radiologic Technologists Annual State Conference. Jonesboro, AR
- 2010 April Owners and Their Pets: Alike from the inside out. A comparison of human and canine anatomy on ultrasound. Arkansas Society of Radiologic Technologists

### **Local**

- 2012 March Understanding Personality Types. Arkansas State University College of Nursing and Health Professions Clinical Instructor Seminar. Jonesboro, AR

### **Accreditation:**

- 2013 Sept Joint Review Committee on Diagnostic Medical Sonography/CAHEEP
- Self-Study: 5 year award continuing accreditation
- 2007 Nov Joint Review Committee on Diagnostic Medical Sonography/CAHEEP
- Self-Study: 5 year award continuing accreditation

### **Internal Review Board Projects (IRB):**

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|-----------|--|----------|
| 2016 Oct  | The Effects of Low Level Light Therapy on the Posterior Tibial Arterial Circulatory Dynamics                                       | Approved |
| 2016 Sept | Prevalence of Supraspinatus Tear in Asymptomatic Subjects; A Descriptive Study Examining Muscle Thickness using Sonography Imaging | Approved |
| 2014 Jan  | Using Near Infrared Light to Manage Symptoms Associated with Restless Leg Syndrome   | Approved |
| 2013 Jan  | Radiology Student Perceptions of Parental Involvement  | Approved |

**Workshops/Events Attended:**

- 2020 Sept Society of Diagnostic Medical Sonography, Annual National Conference, Virtual
- 2018 Feb Association of Collegiate Educators in Radiologic Technology 43<sup>rd</sup> Annual National Conference, Las Vegas, NV
- 2016 Feb Association of Collegiate Educators in Radiologic Technology 41<sup>st</sup> Annual National Conference, Las Vegas, NV
- 2015 Oct Society of Diagnostic Medical Sonography, Annual National Conference, Dallas, TX
- 2015 April Arkansas Society of Radiologic Technologists, 67<sup>th</sup> Annual State Conference, Jonesboro, AR
- 2014 July Association of Educators in Imaging and Radiation Sciences, Annual National Conference, Providence, RI
- 2014 Feb Association of Collegiate Educators in Radiologic Technology 39<sup>th</sup> Annual National Conference, Las Vegas, NV
- 2010 April Arkansas Society of Radiologic Technologists, 62<sup>nd</sup> Annual State Conference, Jonesboro, AR

**Committees/Positions:****National****Society of Diagnostic Medical Sonography**

- 2016-2018 Nominating Committee
- 2013-2015 Education Committee

**Joint Review Committee Diagnostic Medical Sonography**

- 2013-2023 Accreditation Site Visitor

**American Registry of Diagnostic Medical Sonographers**

- 2016-2023 Vascular Technology Exam Item Writer

**State****Arkansas Jaycees**

- 2010 Vice President of Community Development

## **Local**

2009-2023 Community Health Education Foundation  
2009-2016 Woman Can Run Leader  
2006-2015 Jonesboro Jaycees  
2007-2013 Special Olympics Basketball Skills volunteer

## **University/College**

### **University**

- 2019-2023 University Promotion, Retention, and Tenure Committee
- 2014-2019 University Curriculum Committee
- 2013-2016 Student Disciplinary Committee
- 2013 Ad Hoc Faculty Marshall Committee, Chair
- 2011-2013 Faculty Senator
- 2010-2011 Parking Committee, Chair

### **College of Nursing and Health Professions**

- 2019-Present College Promotion, Retention, and Tenure Committee, Chair
- 2014-2019 College Curriculum Committee, Chair
- 2010-2018 Admissions and Credits Committee
- 2011-2016 Scholarship and Awards Committee
- 2010-2011 College Assessment

### **Dept of Medical Imaging and Radiation Sciences**

- 2011-2023 Curriculum Committee, Chair
- 2007-2023 DMS Admissions Committee
- 2007-2023 DMS Advisory Board
- 2013- Trajecsys Implementation Committee

## **Professional/Academic Affiliations:**

2021-Present Arkansas Society of Radiologic Technologists  
2020-Present American Registry of Radiologic Technologists  
2020-Present Phi Kappa Phi Honor Society: Arkansas State University Chapter  
2002-Present American Registry of Diagnostic Medical Sonographers  
2002-Present Lambda Nu Radiologic Honor Society: Arkansas Chapter  
2001-Present Society of Diagnostic Medical Sonography

## **Reviews:**

2017 Diagnostic Medical Sonography-The Vascular System Chapters 1, 2, 21, 31, 33.  
Lippincott, Williams, and Wilkins  
2013 Diagnostic Medical Sonography Abdomen and Superficial Structures 3<sup>rd</sup> Edition  
Lippincott, Williams, and Wilkins  
2012 Essentials of Sonography and Patient Care 3<sup>rd</sup> Edition

**Volunteer Activities:****ASU/CNHP/MIRS**

2024	ASU/CNHP/HSRM(Sept)	Pack Preview Day- high school seniors
2016	ASU/CNHP/MIRS(Nov)	Senior Preview Day-high school seniors
2013-2022	CNHP-Dietetics Dept	Presentation on having a food allergic child
2012-2017	CNHP-PT Dept	Presentation on Leg Dopplers and ABIs
2010-2017	CNHP-PT Dept	Presentation on Echo and Carotid Dopplers
2014	ASU/CNHP/MIRS(Nov)	Senior Preview Day-high school seniors
2014	ASU/CNHP/MIRS(Sept)	Senior Preview Day-high school seniors
2011-2013	CNHP-CD Dept	Presentation on Craniofacial anomalies

**Professional Community**

2011	St Bernards	Presented information about preventing work related injuries
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**Local Community**

2016	CHEF	Heart and Sole Half-Marathon course volunteer
2016	CHEF	Carotid Doppler Screenings
2016	St Bernards Expo	Echocardiogram Screenings
2015	CHEF	Heart and Sole Half-Marathon course volunteer
2014	CHEF	Electrocardiogram Screenings