

Heaven Heath

Assistant Professor, Sonography

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STRENGTHS

- ♥ **Student Coaching**
When learners struggled with image acquisition, converted feedback into focused practice and calmer, more useful remediation.
- 🔗 **Clinical Translation**
Connected anatomy, hemodynamics, and scanning decisions with patient cases, helping students see why each step matters.
- ♥ **Curriculum Improvement**
Reworked cardiac objectives and checkoffs after faculty review, giving instructors a clearer shared evaluation approach.
- ✔ **Quality Practice**
Used workstation review and protocol discussion to trace recurring measurement issues back to practical causes.
- 🗣️ **Respectful Communication**
Adjusted explanations for patients and learners with different needs, keeping instruction clear, calm, and dignified.

SKILLS

<u>Adult echocardiography</u>
<u>Cardiac sonography</u>
<u>Vascular sonography</u>
<u>Abdominal sonography</u>
<u>OB/GYN sonography</u>
<u>Curriculum design</u> <u>Active learning</u>
<u>Student assessment</u>
<u>Learning objectives</u>
<u>Clinical precepting</u>
<u>Accreditation support</u>
<u>Quality review</u>

SUMMARY

Registered diagnostic medical sonographer and educator with eight years of progressive experience across adult echocardiography, vascular, abdominal, and OB/GYN imaging. Holds a Bachelor of Science in **Diagnostic Medical Sonography** with RDCS in Adult Echocardiography, RDMS in Abdomen, RDMS in Obstetrics and Gynecology, and RVT in Vascular Technology credentials. Delivers classroom, laboratory, and clinical instruction grounded in current practice, scientific literature, **active learning**, and patient centered communication. Develops **learning objectives**, competency checkoffs, assessments, **instructional materials**, and curriculum revisions that connect anatomy, hemodynamics, image acquisition, and professional standards. Maintains accurate records, confidentiality, safety, accreditation evidence, and constructive student relationships. Collaborative faculty participation supports program quality, continuous improvement, committee work, and dependable academic guidance.

EXPERIENCE

Assistant Professor, Diagnostic Medical Sonography

Hill Country Allied Health Institute 📅 August 2023 - Present 📍 Austin, TX

Lead classroom and **laboratory instruction** for cohorts of up to 24 learners across adult echocardiography, vascular, abdominal, and OB/GYN sonography. Own course documentation, student assessment, office hours, curriculum review, accreditation evidence, and faculty collaboration. Connect clinical practice with safe, practical learning experiences.

- Delivered **adult echocardiography** instruction connecting anatomy, hemodynamics, scanning technique, and clinical competencies.
- Redesigned cardiac objectives and competency checkoffs around RDCS Adult Echocardiography expectations for consistent evaluation.
- Built case based assignments from deidentified scenarios, guiding remediation before practical evaluations and competency reviews.
- Maintained grades, **student records**, office hours, referrals, confidentiality, and accurate documentation across assigned courses.
- Coordinated **curriculum review** and assessment evidence with faculty leadership, supporting **continuous improvement** and accreditation readiness.
- Integrated literature, simulation technology, and peer feedback into course revisions and annual **professional development**.

Lead Cardiac and Vascular Sonographer

Lone Star Cardiac Imaging Center 📅 June 2020 - July 2023 📍 Georgetown, TX

Led **adult cardiac** and vascular imaging operations in a busy outpatient setting while serving as a clinical preceptor. Supported technically sound studies, student scanning practice, quality review, patient communication, equipment readiness, infection prevention, and professional literature review.

- Performed **adult echocardiography** and vascular examinations using **RDCS** Adult Echocardiography and RVT competencies.
- Structured supervised scanning practice for students, reviewing workstation images against clinical competency expectations.
- Standardized cardiac quality review discussions, linking acquisition issues with protocols and measurement consistency.
- Adapted **patient communication** and positioning for mobility or clinical limitations without compromising required views.
- Translated equipment guidance and professional literature into practical scanning and documentation habits for peers.
- Supported safe operations through equipment checks, infection prevention, **confidentiality** safeguards, and timely escalation.

Instructional technology

Student records

Scientific literature

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



● Assistant Professor, Diagnostic Medical Sonography at Hill Country Allied Health Institute (3.1 Years)

● Lead Cardiac and Vascular Sonographer at Lone Star Cardiac Imaging Center (3.1 Years)

● Diagnostic Medical Sonographer at Central Texas Women's and Diagnostic Imaging (1.8 Years)

● Staff Sonographer at Brazos Regional Medical Center (2 Years)

Diagnostic Medical Sonographer

Central Texas Women's and Diagnostic Imaging 📅 July 2018 - May 2020 📍 Killeen, TX

Provided abdominal, OB/GYN, and vascular imaging across outpatient workflows while guiding newer staff and clinical students. Combined credentialed technical practice with patient communication, record accuracy, image optimization, clinical coordination, literature review, and teaching support.

- Completed abdominal, **OB/GYN**, and vascular examinations, producing complete image sets and technical documentation.
- Applied **RDMS Abdomen** and RDMS OB/GYN knowledge when indications required additional views or measurements.
- Guided staff and students through equipment controls, positioning, optimization, anatomy, and professional communication.
- Maintained examination records and protected patient information while coordinating schedule changes and follow up needs.
- Used manufacturer education, professional literature, and peer review to strengthen daily **sonography** practice.
- Shared clinical examples with preceptors, aligning **laboratory instruction** with clinical expectations and competency evaluation.

Staff Sonographer

Brazos Regional Medical Center 📅 June 2016 - June 2018 📍 Bryan, TX

Performed abdominal, OB/GYN, and vascular examinations in hospital and outpatient settings, progressing from supervised practice toward independent work. Built a foundation in patient care, diagnostic imaging workflow, equipment operation, safety, confidentiality, clinical student support, and continuing education.

- Performed abdominal, **OB/GYN**, and vascular examinations across hospital and outpatient workflows.
- Prepared patients, selected transducers and presets, optimized images, and documented examination details.
- Applied logical problem solving when mobility, body habitus, or anatomy complicated standard imaging approaches.
- Supported clinical students through workflow, **safety** practices, anatomy, and equipment operation during observation.
- Maintained organized scanning areas while following infection prevention, confidentiality, and institutional safety requirements.
- Completed continuing education and reviewed technical journals to expand clinical capability and judgment.

PROJECTS

Adult Cardiac Competency Framework 📅 2024

Created a practical framework for cardiac laboratory objectives and competency checkoffs, helping faculty evaluate acquisition technique, measurements, Doppler application, and professional practice with greater consistency.

Case Based Sonography Learning Series 📅 2023

Built deidentified clinical cases and active learning activities that connected image interpretation with anatomy, hemodynamics, patient communication, and focused remediation before practical assessment.

LEADERSHIP & AWARDS

- Faculty Curriculum Leadership, recognized for strengthening cardiac laboratory objectives and competency evidence.
- Clinical Preceptor Recognition, acknowledged for patient centered coaching and constructive student guidance.
- Program Quality Contribution, trusted with accreditation readiness documentation and continuous improvement review.

EDUCATION

Bachelor's Degree in Diagnostic Medical Sonography

Texas State University 🎓 GPA: 4.0 📅 2016 📍 San Marcos, TX

Coursework: Adult echocardiography, vascular sonography, abdominal sonography, OB/GYN sonography

CERTIFICATIONS

- ARDMS Registered Diagnostic Cardiac Sonographer, Adult Echocardiography 📅 2021
- ARDMS Registered Vascular Technologist, Vascular Technology 📅 2019
- ARDMS Registered Diagnostic Medical Sonographer, Obstetrics and Gynecology 📅 2017
- ARDMS Registered Diagnostic Medical Sonographer, Abdomen 📅 2016

TECHNICAL SKILLS

- **Cardiac Imaging:** Adult echocardiography, Doppler, hemodynamics
- **Vascular Imaging:** Vascular sonography, RVT, vascular protocols
- **General Sonography:** Abdominal imaging, OB/GYN imaging, ultrasound
- **Credentials:** RDCS, RDMS, RVT
- **Instructional Design:** Learning objectives, active learning, course design
- **Assessment Tools:** Competency checkoffs, assignments, practical evaluations
- **Curriculum Systems:** Course outlines, approved syllabi, instructional materials
- **Quality Review:** Image review, protocol review, measurement review
- **Education Technology:** Simulation technology, instructional technology, distance education
- **Records And Privacy:** Student records, confidentiality, documentation
- **Clinical Safety:** Infection prevention, equipment checks, safe work areas
- **Professional Practice:** Scientific literature, peer collaboration, professional development

PROFESSIONAL AFFILIATIONS

- Professional sonography community participant, using literature review and peer collaboration to keep instruction current.
- College committee contributor, connecting clinical insight with recruitment, program quality, and community activities.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST