

Liberty Cowden **BAAS, RDCS, RVS** 23 years - sonography experience 20 years - teaching experience

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Howe, Texas 75459

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Qualifications

- Master's Equivalency in Cardiac and Vascular Sonography and Higher Education
- Readily accepts assigned duties with ability to multi-task
- Self-motivated and confident in making independent decisions, conscientious work ethic
- Strong interpersonal & communication skills, written and verbal; attention to fine detail
- Proven skill as a team player, appreciative of diversity, adaptable

Education, Honors & Associations

- Certifications: BLS; HIPAA; ERGONOMICS
- Registered with ARDMS since 12/2003 and CCI since 02/2024: RDCS (AE) #105149 ; RVS #127777
- M.Ed. Degree in Applied Digital Learning - Lamar University, Beaumont, TX - anticipated 4/2027
- B.A.A.S. Degree in Organizational Leadership- TAMU, Commerce, TX 4/2021
- A.A.S. Degree in Echocardiology Technology- El Centro College, Dallas, TX - 5/2003
- Clinical Training Rotations: Parkland Health and Hospital System, Baylor University Medical Center Dallas, Richardson Regional, Doctors Hospital, Heart Consultants of North Texas, CPR Heart Place of Richardson Program included vascular and pediatric clinical rotations in addition to adult echo
 - Student of the Year Award, Phi Theta Kappa, President's Honor Roll
 - Nominated Who's Who among American College Students
- Advanced Sonography Practices- (Vascular Sonography CE): El Centro College 2003
- Member of the American Society of Echocardiography (ASE); Society of Diagnostic Medical Sonographers (SDMS); American Institute of Ultrasound in Medicine (AIUM)

Work Experience

Cardiac Sonographer (Research) Program Director/ Professor UT Southwestern Medical Center - Dallas, TX **2021 - present**
Dallas College: El Centro Campus - Dallas, TX **2005 - present**

- Current Program Director of Adult Cardiac Sonography, Professor for ACS and DMS Programs
- Echocardiography program and clinical coordination, managing local and distance ed. students
- Lab instruction: training students in application nonspecific hands-on echocardiography techniques
- Clinical acquisition, scheduling, supervision of student rotations & lab sessions
- Curriculum writing, test development and implementation
- Supervision and management of adjunct faculty
- Completion of assigned aspects of SACS and CAAHEP accreditation
- Didactic instruction using: Brightspace, Blackboard, Yuja, Camtasia, Respondus, Collaborate Ultra, Microsoft Teams, Softchalk, Wimba, Tegrity
- Courses Taught: Physics for Allied Health, Echocardiographic Evaluation of Pathology I and II, Advanced Echocardiography, Cardiovascular Concepts, & Advanced Ultrasound Principles and Instrumentation

President, Consultant,

Cardiac/Vascular Sonographer Liberty Cowden, Inc. - Wylie, TX **2005 - 2022**

- Interview, hire, manage staff of sonographers and consultants; scheduling
- Formulate quotes and contracts, budget planning, collections
- Perform Contract Sonography: Echo, Stress Echo, Carotid duplex, Arterial, Venous, ABI's & Segmentals
- Private Ultrasound Tutoring: ultrasound physics and registry preparation
- Quality Assurance: external auditing, QA training, correlation and peer review
- Develop/copywrite Healthcare's Easy Accuracy Report Tracking Spreadsheet
- Consultation: Implementation of IAC standards, policy & procedure technical writing, application submission with numerous accreditations completed (ICAVL, ICANL, & ICAEL)

Cardiac Sonographer PRN Medical City of Plano: Plano - Plano, TX **2021 - 2023**

UT Southwestern Medical Center - Dallas, TX **2013 - 2015**

Technical Director/Sonographer CCC Medicine - Dallas, TX **2012 - 2014**

- Adult echo: resting, exercise & pharmacologic stress (2D, M-Mode, Doppler- Color, Spectral, Tissue)
- Completion of all technical reports; Work closely with Medical Director to ensure quality patient care
- Responsible for all aspects of ICAEL accreditation: implementation of and compliance with all IAC standards, policy writing, report development, quality assurance, record keeping, successful completion and submission of ICAEL random audit

Cardiac Sonographer PRN Baylor Regional Medical Center- Plano, TX **2005**

Richardson Regional- Richardson, TX **2004- 2005**

Cardiac/Vascular Sonographer CPR HeartPlace- Richardson, TX **2003- 2005**

- Adult echo: resting, exercise & pharmacologic stress (2D, M-Mode, Doppler, Tissue Doppler, Contrast)
- Vascular Sonography: extracranial Carotid duplex, venous, ABI's, Segmentals
- Preceptor for echocardiography students, MPI stress tech, PT INR clinician
- Creation and maintenance of patient education and medical records
- Creation of policies and procedures in preparation for lab accreditation

Equipment/ Software

Acuson
Sequoia

Butterfly

Biosound

Esaote

GE

E95, LOGIQ Book; Logic 5
Expert; P5; VIVID 9,7; Voluson

Mindray

DC-90, DC-88, M8

Philips

EPIQ Elite, 7, 5; Affiniti; IE-33;
SONOS 7500, 5500, 2000, 1500;
HD-11

Toshiba
Aplio 500

Ultrasonix

Zonare
ZS3

GE Case Q Stress
Qlab
Unetixs Multilab

Centricity
EPIC
Meditech