

Curriculum Vitae

Instructor Contact Information

Liberty Cowden, BAAS, AAS, RDCS (AE), RVS
Dallas College – School of Health Sciences: El Centro Campus
Main and Lamar, Dallas, Texas, 75202-3604
(972)–860–5052 LCowden@DallasCollege.edu

Education

Collaborative Institutional Training Initiative – Ft. Lauderdale, Florida
GCP Course (Researchers), HSP Course (Researchers), Research HIPAA

Association of College and University Educators – New York, New York
ACUE Microcredential: Promoting Active Learning Online
The credential is co-issued by the American Council on Education and distinguishes faculty for their commitment to educational excellence and student success

Texas A&M University – College of Innovation and Design – Commerce, Texas
Bachelor of Applied Arts and Sciences in Organizational Leadership (BAAS – ORGL)

El Centro College – Dallas, Texas
Associate of Applied Science in Echocardiology Technology (AAS)
Non-Invasive Vascular Technology and Advanced Sonography Practices

Credentials / Certifications:

RDCS (AE), RVS,
Healthcare Provider BLS,
HIPAA, Ergonomics

Professional Associations:

Teaching - VÔÛVÇ Dallas
College Faculty Association

Sonography - ARÔMS, CCI,
ASE, SDMS, AIUM, NTCUS

Professional Teaching Experience

Dallas College – El Centro

Adult Cardiac Sonography FT Program Director / Faculty Professor
FT Shared Faculty Didactic & Lab Instruction for DMS & ACS
Adult Cardiac Sonography Adjunct Faculty Professor
Adult Cardiac Sonography FT Clinical Coordinator/ Faculty Professor
Echocardiology Technology FT Visiting Scholar/ Clinical Coordinator
Echocardiology Technology Adjunct Faculty

Course Design & Instruction –
DSAE: 2303, 1203, 1270, 2404, 2437, 2335, 2355, 1164, 2660, 2661;
DMSO: 2243, 2343; SCIT: 1420

UT Southwestern University Hospitals –

Clinical Preceptor for Cardiac Sonography Students

CPR HeartPlace –

Clinical Preceptor for Cardiac & Vascular Sonography Students

Dallas, TX

May 2021 – present
Aug. 2020 – May 2021
Jan. 2016 – Aug. 2020
Jun. 2011 – Jan. 2016
Jun. 2007 – Jun. 2009
May 2005 – Jun. 2007

Dallas, TX

Feb. 2013 – Oct. 2015

Richardson, TX

May 2003 – May 2005

Professional Cardiac and Vascular Sonography Experience

UT Southwestern University Hospitals – PRN Cardiac Sonographer

Clinical Research: Dallas Heart and Mind Study, Polypill HFrEF, ABPS Cardiopulmonary Study

In-Patient & Outpatient Adult Echo:

resting TTE, TEE, exercise & pharmacologic Stress Echo, LVADs, Transplant and Donor Evaluation, Adult Congenitals using - 2D; 3D; M-Mode; Color M-Mode; Color Doppler, PW and CW Spectral Doppler, Color and PW Tissue Doppler, Agitated Saline and LVO Contrast, Clinical Research

Medical City Plano – PRN Cardiac Sonographer

In-Patient & Outpatient Adult Echo:

resting TTE, TEE, exercise & pharmacologic Stress Echo, LVAD, RVAD, ECMO (VA and VV), Transplant and Donor Evaluation, using - 2D; M-Mode; Color M-Mode; Color Doppler, PW and CW Spectral Doppler; Color and PW Spectral Tissue Doppler; Agitated Saline and LVO Contrast

Liberty Cowden Inc. – President, Senior Consultant / Cardiac Vascular Sonographer

Numerous clients served including:

Methodist Dallas, CPR HeartPlace, NCAC of North Texas, Southwest Cardiac Associates, Legacy Heart Center, Heart Consultants of North Texas, CSANT (Bedford), Texas Cardiac Associates, North Texas Cardiovascular Associates (Dallas and Mansfield), Texoma Cardiovascular Care Associates, amongst others

Dallas, TX

April 2023 – present
Feb. 2013 – Sept. 2015

Plano, TX

May 2021 – Sept. 2023

Wylie, TX

May 2005 – June. 2022

CCC Medicine: Dr. Robert Myers, M.D. – Technical Director / Lead Sonographer	Dallas, TX
<u>Outpatient Adult Echo:</u> resting TTE, exercise & pharmacologic Stress Echo using - 2D; M-Mode; Color M-Mode; Color Doppler, PW and CW Spectral Doppler, Color and PW Tissue Doppler, Agitated Saline and LVO Contrast	Feb. 2012 – Feb. 2015
Baylor Plano – PRN Cardiac Sonographer	Plano, TX
<u>In-Patient & Outpatient Adult Echo:</u> resting TTE, TEE, exercise & pharmacologic Stress Echo using - 2D; M-Mode; Color M-Mode; Color Doppler, PW and CW Spectral Doppler, Color and PW Tissue Doppler, Agitated Saline and LVO Contrast	Aug. 2004 – Aug. 2005
Richardson Regional Hospital – PRN Cardiac Sonographer	Richardson, TX
<u>In-Patient & Outpatient Adult Echo:</u> resting TTE, TEE, exercise & pharmacologic Stress Echo using - 2D; M-Mode; Color M-Mode; Color Doppler, PW and CW Spectral Doppler, Color and PW Tissue Doppler, Agitated Saline and LVO Contrast	Jul. 2004 – Aug. 2005
CPR HeartPlace – Cardiac and Vascular Sonographer	Richardson, TX
<u>Outpatient Adult Echo:</u> resting TTE, exercise & pharmacologic Stress Echo using - 2D; M-Mode; Color M-Mode; Power Angio, Color Doppler, PW and CW Spectral Doppler, Color and PW Tissue Doppler, Agitated Saline and LVO Contrast	Feb. 2003 – Feb. 2005
<u>Outpatient Vascular Sonography:</u> extracranial Carotid duplex, lower extremity venous, ABI's, Full Segmental Pressures, AAA's	
<u>Other Responsibilities:</u> TST, MPI stress tech, PT INR clinician, Creation of patient education and EMR, IV insertion, Creation of policies and procedures in preparation for accreditation	

Publications / Contributions: Papers, Posters and Presentations

Presenter at Professional Society Meetings

North Texas Cardiac Ultrasound Society Presentation: Ergo for Echo – Ergonomics for the Career Cardiac Sonographer	Apr. 2023
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North Texas Cardiac Ultrasound Society Presentation: Let's Get Physical – Practical application of ultrasound physics principles relative to patient positioning, probe manipulation, breathing instruction and instrument controls for optimization of 2D, color and spectral Doppler imaging	Nov. 2013
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Featured Presenter in Video Lecture Series

Ergonomics By Exam video lecture series - curriculum design and instruction for all four recorded lectures within the series on the topic of ergonomic considerations for cardiac sonography: 1) Echo Ergo 2) Echo - Subcostal 3) Echo - Suprasternal 4) Echo - Right Sided Scanning; video series published by Ultrasafe Ultrasounds	Jul. 2021
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Editor of White Paper

The Sonographer Specific Work Related Musculoskeletal Soft Tissue Recovery Offensive Playbook; Authored by Joanna Hall AAS, RDMS (AB, OB), RVT of Ultrasafe Ultrasounds	Jan. 2021
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Consultant to Artist

SDMS Poster: Diagnostic Medical Sonography: It's More Than A Picture; Cardiac and Vascular Sonography Consultant PSLAX and Carotid Views	Feb. 2015
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Author

H.E.A.R.T.S - Healthcare's Easy Accuracy Report Tracking Spreadsheet: Documenting Quality Assurance measures in Echo and Vascular labs for Statistics Tracking and Correlation and Confirmation of Results; Created and Copyrighted	Nov. 2005
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