

SAMUEL LEGARRETA

ECHOCARDIOGRAPHY RESEARCH TECHNOLOGIST

samlegarreta@gmail.com 301-814-2104

EDUCATION

Montgomery College

Associate of Applied Science in Diagnostic Medical Sonography
2012-2014 GPA: 3.88/4.0
- Accredited by the Commission on Accreditation of Allied Health Education Programs

University of Maryland, College Park

Bachelor of the Arts in History
2007-2010
- Exceptional reading and writing skills that focus on meticulous detail, authenticity, and accuracy

HONORS

Phi Theta Kappa Honors Society

Montgomery College, 2012-2014, Maintained GPA above 3.75

Dean's List

Montgomery College, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014

TEAS (Test of Essential Academic Skills) Test

Pre-Nursing Program Test
- Scored in 99th percentile for entire test (Reading, Mathematics, Science, English and language usage)
- Scored perfect - 100% in reading comprehension section

CREDENTIALS

Registered Diagnostic Cardiac Sonographer (R.D.C.S.)

ARDMS certified in Adult Echocardiography
ARDMS number - 176064

Physics - Sonography Principles & Instrumentation (SPI)

ARDMS certified

Basic Life Support

American Heart Association Certified

EXPERIENCE

MedStar Washington Hospital Center

Project Coordinator/Echocardiography Research Technologist –
Medstar Health Research Institute
April 2015 - Current

- Responsible for the coordination of cardiac device clinical trials
- Entrusted by pharmaceutical and device sponsors to accurately perform qualitative and quantitative analysis of cardiac imaging modalities
- Completed electronic case report forms for sponsor and over-reading cardiologist
- Effectively communicated with study sponsors regarding study progress and with clinical sites to obtain relevant patient information
- Maintained patient files, database records, study documents and FDA regulated documentation

Padder Health Services

Full-Time Cardiac Sonographer
Jan 2015 - April 2015

- ICAEL accredited lab
- Fulfilled role as adult echocardiographer - Performed over 150 exams
- Performed efficient, extensive, examinations in timely manner
- Completed electronic ICAEL based reports for cardiologist, including measurements, pressure gradients, and interpretations
- Exhibited ability to identify, interpret, and interrogate complex physiology and pathology
- Average daily patient load in fast-paced doctor's office – 10 patient's per 8 hour shift

EXPERIENCE CONT.

Martha Jefferson Hospital

Full-Time Cardiac Sonographer

Aug 2014 - Dec 2014

- Fulfilled role as adult echocardiographer - Performed over 350 exams
- Exhibited ability to identify, interpret, and interrogate complex physiology and pathology
- Accurately demonstrated the evaluation and quantification of aortic and mitral stenosis, hypertrophic obstructive cardiomyopathy, regional wall motion, systolic function, diastolic function, right ventricular function, pulmonary artery systolic pressure, prosthetic valve assessment, congenital heart defect identification, tamponade, and aortic dissection
- Performed efficient, extensive, examinations in timely manner
- Completed ICAEL based reports for cardiologist, including measurements, pressure gradients, and interpretations
- Average daily patient load in fast-paced busy unit – 7 patient's per 8 hour shift
- Entrusted with periodic emergency on-call and regular weekend coverage

INTERNSHIPS

Providence Hospital

Adult Echocardiography

2012-2014

- Fulfilled role as adult echocardiographer - Performed over 350 examinations
- Performed efficient examinations in timely manner
- Completed preliminary reports for reading cardiologist, including measurements
- Displayed ability to work closely and efficiently with all hospital staff and physicians

Washington Adventist Hospital

Adult Echocardiography

2012-2014

- ICAEL accredited lab
- Fulfilled role as adult echocardiographer - Performed over 150 examinations
- Exhibited ability to identify, interpret, and interrogate complex pathology
- Performed efficient examinations in timely manner
- Displayed great ability in preparing/explaining exam procedure to patients
- Average daily patient load for fast-paced busy unit – 7 patient's per 8 hour shift

INTERNSHIPS CONT.

Children's National Medical Center

Pediatric Echocardiography

2014

- Accredited lab
- Fulfilled role as pediatric echocardiographer - Performed over 50 examinations
- Exhibited ability to identify, interpret, and interrogate complex congenital heart defects, including pre and post-surgical assessment
- Performed efficient examinations in timely manner
- Completed preliminary reports for reading cardiologist, including measurements
- Worked as part of large team in fast-paced busy unit, alongside all hospital staff and physicians on-call and regular weekend coverage

ULTRASOUND PROFICIENCY

Transthoracic Echocardiography, Transesophageal Echocardiography, Exercise and Pharmacologic Stress Tests, Contrast Study, BubbleStudy, 2-D,M-Mode, Color M-Mode, Doppler, Tissue Doppler, Strain Rate Imaging, Systolic Function, Diastolic Function Right Ventricular function, Quantification of Aortic, Mitral, Tricuspid and Pulmonary orifice area, Hypertrophic Obstructive Cardiomyopathy, Regional Wall Motion Assessment, Pulmonary Artery Systolic Pressure, Prosthetic Valves Assessment, Tamponade Assessment, Aortic Dissection Identification, Congenital Heart Defect Identification, Pre and Post-operative Evaluations for Complex Congenital Heart Defects.

ULTRASOUND EQUIPMENT

Philips IE 33, General Electric Vivid E9, General Electric Vivid E7, Siemens Acuson X150, Siemens Sequoia 512, Philips CX50, Mckesson System, Xcelera System, PACS System, CA1000