



MISERICORDIA UNIVERSITY

Sound Byte

DIAGNOSTIC MEDICAL SONOGRAPHY

Summer 2018 • Issue 17



What's Inside?

Medical Mission **2**

Students Present at NEPASU **3**

PA Licensure **3**

Contrast Ultrasound **3**

Congratulations **4**

Upcoming Events **4**

Congratulations to the Class of 2018



Where has the time gone? Fourteen years later, another stellar class of graduates achieved their goal to become a high quality diagnostic medical sonographer. On March 11, 2018, fifteen students were recognized for their achievements. Thirteen earned their Certificate of Completion and on May 12, 2018 two students earned their Bachelor of Science Degree in Diagnostic Medical Sonography as the first graduates from the full-time entry level degree program.

The Academic Achievement Awards for Academic Excellence in DMS were awarded to Hailey Hoherchak and Jennifer Carey. The WAVE Award was presented to Jennifer Carey for her service and altruism.

Hailey Hoherchak, BS was recognized for her participation in a bottle recycling program that benefits the St. Gabrielle's Angels.

All fifteen students passed the ARDMS SPI and Abdomen specialty exam on their first attempt (100%) earning the RDMS credential either prior to or shortly after completion.

Thirteen graduates possess both the Abdomen and OB/GYN specialties. All graduates are employed.

The Department sincerely thanks everyone for their dedication to the students and to the profession to benefit each and every patient.

Congratulations to ALL!



MISERICORDIA
UNIVERSITY

Fall Course Offerings

The Sonography Department is offering the following courses on-line:
Advanced Vascular (3 credits) and Breast Sonography (2 credits)

Many compliments are received from sonographers who take these courses and earn th respective ARDMS specialty. If interested in any of these courses, please contact the program at 570-674-6790 no later than August 5, 2018

Medical Mission Trip

Karen Klimas and graduate Jenny Carey recently had the wonderful opportunity to be part of a medical mission to Santiago, Dominican Republic. They, along with other medical volunteers, traveled in May for three days to serve those who are less fortunate and in need of care. Karen and Jenny performed sonograms to the residents there as well as from near by Campos. The Institute for Latin American Concern (ILAC) Mission Center is the hub for education, service, and gratitude. ILAC is an international, Christian, collaborative healthcare and educational organization that promotes both physical and spiritual well being.



Jenny's Reflection:

"We had to be very flexible and resourceful as we performed many unique exams. We got to meet many different people and learn about the Dominican culture. It was a great experience learning about the healthcare system in the Dominican and to see how their resources differ from ours. It was humbling to see how grateful the patients were to us for giving them the care that they needed. We also met a group of Dominican medical students who were very interested to learn about ultrasound. Not only did we treat patients, but we also got to teach others about our profession. Overall, our service trip to the Dominican Republic was an amazing experience that I will never forget.

It taught me skills that I will use in my career as a sonographer."

We worked along side of a variety of medical professionals, physicians, PA's, nurse practitioners and volunteers from Pittsburgh and Miami. There were also medical students from the Republic as well as from Miami there to assist. On this mission we all practiced in the ILAC Center clinic for three days. The clinic treated over 200 patients and we performed approximately 45 to 50 ultrasounds on adult and pediatric patients. Everyone on this mission was so welcoming and kind. They truly made Jenny and myself feel right at home. Everyone helped one another and while sometimes things got a bit more hectic, everyone had a positive outlook. The patients were very grateful to us for helping them. Jenny and I even learned a little Spanish while we were there. At times I was out of my comfort zone but I realized I made a real difference. The experience has really made me a better person and taught me to be grateful for the little things.

— Karen



Fieldtrip to Ultrasound Transducer Manufacturing Plant

Eleven students from the class of 2019 along with Sheryl Goss and Karen Klimas traveled to Reedsville, PA for an education day at the Philips Transducer Manufacturing Plant. The students were greeted with an opening presentation on transducer construction, toured the plant to see each step in the manufacturing process, and learned about the latest technology available on Philips ultrasound equipment.

Licensure

Despite more than three years of hard work and many hours to write PA House Bill 1545 Medical Imaging and Radiation Therapy Health and Safety Act to establish professional licensure for medical imaging and radiation therapy personnel, the bill has not moved out of the Professional Licensure Committee since being introduced one year ago. At this point in time, it appears the bill will not move forward.

Medical imaging professionals traveled to Harrisburg to testify to the members of the Committee in February and small groups spoke with multiple representatives in both May and in June. The current landscape in Harrisburg is to decrease regulation and not increase the number of professions that are regulated through licensure.

While this is disappointing that once again licensure in PA does not look promising, it is important to continue to promote our profession through being credentialed in the specialties in which exams are performed, act in the highest ethical and professional manner, and never stop learning.

Students Present at NEPASU



JESSICA GIULIANO, BS, RDMS AND JENNIFER CAREY, BS, RDMS

Jennifer Carey, RDMS and Jessica Giuliano, RDMS were invited to present at the Northeast Pennsylvania Society of Ultrasound held May 3, 2018 at Moses Taylor Hospital. Jennifer presented her research titled *Quality Assurance in Obstetrical Scanning* while Jessica presented her work titled *Quality Assurance for Measurement of Abdominal*

Organs. Developing examination protocols to include specific techniques can reduce the variability between sonographers leading to greater consistency and accuracy with measurements. The presentations emphasized the need for formal quality assessment and improvement processes to be implemented within sonography departments.

Contrast Enhanced Ultrasound

Contrast enhanced ultrasound (CEUS) examinations are rapidly expanding beyond echocardiography. FDA approval for contrast use for liver and applications in pediatrics has opened opportunities for improving diagnoses and decreasing exposure to radiation. Sheryl, Karen, and alumnus Siobhan Shipe attended the Pediatric Contrast Ultrasound Workshop offered by the Children's Hospital of Philadelphia Center for Pediatric Contrast Ultrasound. The one-day conference was excellent



with live demonstration on the role of contrast in diagnosing ureteral reflux. Contrast has a promising future!



College of Health Sciences and Education
Diagnostic Medical Sonography

MISERICORDIA
UNIVERSITY

301 Lake Street
Dallas, PA 18612-1090

Visit us at
www.misericordia.edu/dms

Dates and Reminders

August 2-4, 2018

Society of Vascular Ultrasound in San Antonio, TX

August 5, 2018

Last date to register for fall courses

August 27, 2018

First week of on-line classes

September 24, 2018

NEPASU Dinner Meeting at Mohegun Sun Casino

October 4-7, 2018

SDMS annual meeting Orlando, FL

Clinical Advisory Meetings

Fall 2018: Dates forthcoming

Clinical Instructors and Department Managers
are invited and encouraged to attend.

Congratulations

On May 12, 2018 three
sonographers graduated with a
Bachelor's Degree in Diagnostic
Medical Sonography:

Jennifer Carey, PA
Jessica Giuliano, PA
Marianna Hughes, NC

**Congratulations to all the
graduates for their dedication.**

Congratulations to alumni
Clarissa Stauffer RDMS, RVT
who became President of
NEPASU and Debbie Pepe,
RDMS, RDCS, RVT who
became President-Elect for
the 2018-2019 term.



LEFT TO RIGHT:
SHERYL GOSS, CHAIR; JENNIFER CAREY,
AND KAREN KLIMAS, FACULTY

