

Oct. 2019

# MIRS Newsletter



## Department of Medical Imaging & Radiation Sciences Arkansas State University (Jonesboro)

### Message from the Department Chair

Fall weather has finally arrived! The MIRS programs are busy: one cohort graduated in August, two cohorts are currently enrolled in radiography or our specialty programs, and a new cohort of hopefuls are applying for a January start date. Department faculty are teaching full loads while participating in various service and scholarship activities. Somewhere along the way, we try to insert a little bit of fun. We are happy with our progress and excited to share it with you! We hope you enjoy this edition of our newly designed department newsletter.



*Dr. Cheryl O. Dubon*

### Congratulations Class of 2019

On August 2, 2019, a total of 41 graduates were awarded A-State Medical Imaging and Radiologic Sciences pins and department medallions at our annual Pinning Ceremony. During the event, the following students were recognized with additional awards:



MIRS graduate Katie Hall was the August 2019 graduation speaker.

**Lambda Nu inductees:** Brooklyn Archer, Kelsey Ball, Kirstin Bratton, Alyssa Cunningham, Katie Hall, Garrett Johnson, Madison Petty, Makinley Powers, Rebekah Scott, Heath Shatzer, Burgin Shelby, and Grant Townsend

**Outstanding Academic Student:** Madison Petty (DMS), Ryan Barbry (RTT), Katie Hall (CVI), Chandler Starling (MII), Kelsey Ball (M), Zach Sellers (MRI), and Katie Hall (Radiography)

**Outstanding Clinical Student:** Taylor Lassen (DMS), Grant Townsend (RTT), Hope Huffman (CVI), Kayla Lassen (CVI) Rebekah Scott (M), Morgan Burt (MRI), and Dustin Cook (Radiography)

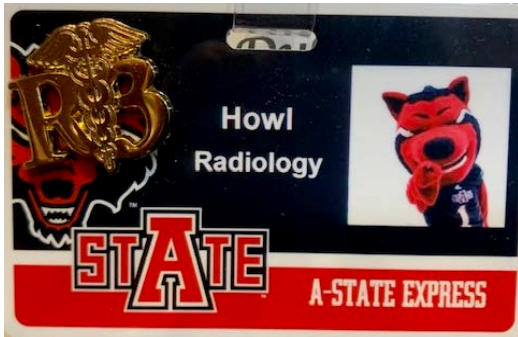
**Ray Winters Integrity Award:** Garrett Johnson and Grant Townsend

#### Articles:

- Message from the Department Chair
- Class of 2019
- Elevation Event
- Student Activities
- NEW!!
- Outstanding CI Awards
- Faculty News
- Find us on Facebook!

## Elevation Event

The MIRS inaugural Elevation Event was held on Tuesday, August 20th. These pins represent the achievement of progression through the MIRS program. Students are encouraged to display the pins proudly on their ID badge while at school and clinic. Students matriculating into specialty programs were presented with RT3 pins, while those entering their 3rd semester of RAD courses received RT2 pins. The Class of 2022 will be presented with



RT1 pins during orientation in January 2020. These pins have the added benefit of assisting faculty and clinical technologists in immediately

grasping the knowledge level of the student, as the pins are also color coded in gold, silver, and bronze respectively.



Pictured above from L to R: Elizabeth Ingram, Haylee Dragon, Brooke Hoskins, Dr. Cheryl DuBose, Amy Moreland, Eden Jones, Kendall Youngman. Not pictured: Taylor Keown

## Student Activities



MIRS students designed and stuffed Xmas stockings, then presented the stockings to the BECK Pride center as part of their Roentgen Day of Service during National Radiologic Technologists Week last November.

# Student Activities Cont'd.



### **Poster Presentations for Create@State**

MIRS students presented posters of original research and/or case studies during the university sponsored Create@State in April.

Pictured above:

*“The Importance of Patient Positioning in Diagnostic Imaging,”* by Michael Hall and Haylee Dragon (RT2s)

*“Radiation Therapy’s Role in the Treatment of Pediatric Osteosarcomas”* by Alyssa Cunningham (RTT program)

Not pictured:

*“Chronic Shoulder Dislocation: A Case Study”* by Kirstin Bratton and KJ Forster (MRI)

### **ArSRT Quiz Bowl Champions**

Donna Caldwell and Tyler Carter proudly display ArSRT Quiz Bowl trophies (First place, 2019; Third place, 2018) won by our student quiz bowl teams during the state society meeting.



## Student Activities Cont'd.



Pictured left: Grant Townsend (RTT) represented the ArSRT at the ASRT Student Leadership Development Program.



The Radiation Therapy program visited the Willis Knighton Proton Center in Shreveport, LA.

Pictured above from L to R: Brooks Jackson, Michael Wiginton, Quincy Hampton, Grant Townsend, Burgin Shelby, Edwin Wallace, Tracy White, Brooklyn Archer, Alyssa Cunningham, and Ryan Barbry.



The Diagnostic Medical Sonography Class of 2020 poses during the inaugural Elevation Event in August.

Pictured left from L to R: Deanna Barymon, Briley Talley, Bree Stubbs, Madison Reid, Erica Haney (baby Weston), Taylor Sales, and Amber Wooten. Front Row: Natalie Harrison, and Hannah Miller. Not pictured: Ruth Kennedy

## New!!

Certificates in CT and Radiologic Sciences Administration are currently available for students and technologists. The CT certificate meets ARRT structured education requirements for the CT certification examination, and courses for both certificates are available online. An online certificate in bone densitometry has been submitted for approval by the Arkansas Department of Higher Education and its design will meet the ARRT structured education requirements to sit for the bone densitometry certification examination.

## Outstanding Clinical Instructors

During the August 2nd Pinning Ceremony, appreciation was expressed for the involvement of all clinical sites in the training of the next generation of RTs.

Outstanding CI awards were presented to: Natalie White, Amy Tillman, John Youngman, and Katie Morris of NEA Baptist Medical Center; Kerri Hart, and Amy Fisher of St. Bernards Imaging Center.

These CIs were selected based on work and commitment to their respective specialty programs this past year. Consideration for the award included teaching ability, fairness, communication with program faculty, and the desire to go above and beyond for the betterment of the program.



Pictured above from L to R: Natalie White, John Youngman, Morgan Walker, and Katie Morris



Pictured right from L to R: Outstanding CI Kerri Hart, Rebecca Scott, Kelsey Ball, Nastassia Anderson, Alexa Hays, Jeannean Rollins at the 2019 Pinning Ceremony

# Faculty News

MIRS faculty continue to demonstrate why they are the “best of the best!” Teaching, service, and scholarship are the cornerstones of university life, and our faculty rock!

## Upcoming Department Events

- October 23rd-October 25th Astate Mammography/Breast Sonography students will be volunteering at St. Bernards *Runway to the Cure* event
- MIRS students are in the planning stages of a fundraiser selling boneless chicken wings + fries and drink – projected date of November 12<sup>th</sup>

## Research

Deanna Barymon

*Effects of myofascial release on respiratory muscle function*

Cheryl DuBose

*A Pilot Study Evaluating Bone Density in Young Adults with Idiopathic Scoliosis  
Do Non-Cognitive Skills Affect Student Collegiate Success Rates in the Medical Imaging and Radiation Sciences?*

## Grants

DuBose C, Drake, S, & Foster, M. A-State Faculty Research Fund Grant. “*Pilot study evaluating bone density in young adults with idiopathic scoliosis.*” Approved for funding: \$4,915 fiscal year 19/20.

## Publications

### Textbooks:

Jeannean Rollins: *Merrill's Atlas of Radiographic Positioning*, 14th edition

### Textbook chapters:

Cheryl DuBose: *Merrill's Atlas of Radiographic Positioning and Procedures*, 14<sup>th</sup> ed  
Chapter 26: Magnetic Resonance Imaging.

### Journal Publications:

DuBose, C., Youngman, K., Barymon, D. (2019). Cardiac CTA and Calcium Scoring. *Radiologic Technology*, 90(3):257CT-275CT.

Wooten, A. Work-related musculoskeletal disorders in sonography. *Radiologic Technology*, 90(3)

# Conference Presentations

## ACERT, Las Vegas, NV: Spring 2019

### Lectures

Cheryl DuBose presented "*D<sup>3</sup>: Leadership Principles of the Daring, Drastic, and Deranged*"  
Jeannean Rollins co-presented "*Head to Toe Review Radiographic Procedures Part 1 & 2*"

### Poster Presentations

Kendall Youngman, "*Computed Tomography Coronary Imaging for Cardiovascular Disease*"  
Tyler Carter, "*Utilization of the O-Arm Navigation System*"  
Edwin Wallace, "*Diagnostic Imaging and Gross Presentation of Oncopathology*"  
Amber Wooten, "*Hepatitis – A Protect the Liver*"

## ArSRT, Springdale, AR: Spring 2019

Cheryl DuBose, "*Advancements in MRI*"  
Amber Wooten, "*Hepatitis – A Protect the Liver*"

## ArSRT, New Orleans – Key West - Nassau: Fall (Sail the Seas) 2019

Cheryl DuBose, "*Continuing Qualifications Requirements (CQR)*",  
"*Advancements in MRI*"  
Tracy White, "*Proton vs Photon Radiation Therapy*"  
and "*Arsenic, Mustard Gas, & Tanning Beds: What Do They Have in Common?*"

## TSRT, Memphis, TN: Fall 2019

Jeannean Rollins, "*Is This Normal: A Look at Burnout Syndrome*"



Pictured above: Kristen Harper & Kendall Youngman at the 44<sup>th</sup> Annual ACERT conference in Las Vegas, NV.

# Service

**Deanna Barymon:** MIRS Clinical Education Coordinator; JRC-DMS site visitor

**Donna Caldwell:** Faculty Senate President-elect; ASRT Education Chapter Vice-Chair; Red Dress Ambassador

**Tyler Carter:** Chairman of the ArSRT, LXMO Exam Committee member; ArSRT Affiliate Delegate

**Cheryl DuBose:** ARRT Board of Trustees member; ASRT Editorial Review Board Chair; MR Curriculum Revision workgroup

**Jeannean Rollins:** AEIRS Editorial Review Board member

**Edwin Wallace:** ArSRT President; ArSRT Affiliate Delegate alternate; ArSRT Radiation Therapy Chapter Alternate Delegate

**Tracy White:** ARRT Practice Analysis and CQR Advisory Committee; ArSRT Member at Large

**Amber Wooten:** ArSRT Vice-President, JRC-DMS site visitor, ACERT Faculty Poster Committee