

2019 AEIRS ANNUAL MEETING
SPEAKER SCHEDULE AND COURSE DESCRIPTIONS

Thursday, July 11th

**8:10 – 9:00 p.m. Holistic Admission: Usage, Outcomes & Barriers
Heather Moore, Ph.D., R.T.(R)**

Holistic admission practices, based on a balanced assessment of student experiences, attributes, and academic metrics, is reported to increase the number of diverse students admitted to healthcare programs and suggested as a way to decrease health disparities by increasing the number of diverse healthcare professionals who care for patients. This presentation will share the results of a nationwide research study investigating Radiologic Technology programmatic admission criteria as reported by program directors. The focus of the study involved the use of holistic admission practices, the programmatic and student outcomes associated with this practice, and the barriers reported by program directors.

**9:15 – 10:05 a.m. When It Rains, It Pours: Ways to Survive the Storms
Trish Weber, MHA, RT(R)(CT) and Sarah Flanagan, MSW, MPA, LCSW**

While students, patients, and professionals often seek a “quick fix” - it is helpful to slow down and reflect upon why we do things the way we do. Research illustrates that childhood events impact both physical and mental health. This presentation introduces the ACEs (Adverse Childhood Experiences) study, then highlights strategies for building resilience that allow individuals to cope in ways that make them healthier and more effective, both personally and professionally. The presentation concludes with an overview of Brief Motivational Interviewing (BMI) as a therapeutic communication tool. Teaching strategies include small group discussion, video clips, brainstorming session, and meditation.

**10:25 – 11:15 a.m. Artificial Intelligence in Radiology: Will We Teach Robots Soon Too?
Kori Stewart, MHS, RT(R)(CT) CIIP**

The integration of informatics and imaging significantly impacts how future radiologic technologists care for patients. This presentation will provide an overview of artificial intelligence and how it is impacting radiology and radiologic technologists. Participants will learn why the radiography student should be exposed to informatics applications and understand the role and function of artificial intelligence in the daily operations of the modern healthcare environment. Current innovations and forthcoming applications of informatics and artificial intelligence will be discussed, including a look into the future of informatics and its impact on patient centered care.

**11:30 a.m. – 12:45 p.m. Honors Ceremony and Lecture: Are We Not Men(tors)?
Peter Barger, MS Ed, RT(R)(CT)**

As educators and radiologic science professionals, there is much that we can learn from each other. Because we serve as professional examples for each other, the importance of networking and professional development will be emphasized during this presentation.

**2:00 – 2:50 p.m. It I'd Only Known: The Red Flags of Student Suicide
Dawn Coakes, BS, RT(R)**

Current statistics of completed/attempted suicides with personal accounts of a suicide survivor, family member of a suicide survivor, and faculty of student who committed suicide. The mental health crisis, challenges faced in colleges, as well as the impact it has on our medical imaging community and students will also be discussed. Additional topics include: reasons behind suicidal ideations, contributing factors, warning signs exhibited by suicidal students and recommendations for faculty/staff intervention. Lastly, self-care for educators who have had students and/or patients in the suicidal category will be presented.

Thursday, July 11th

3:05 – 3:55 p.m.

Professionalism in Radiology: Multiple Case Studies

Elena Felipe, MSW, RT(R)

Professionalism and attributes related to professionalism such as empathy, compassion, communication, and ethics are complicated concepts and skills that are imperative to master for anyone choosing a career in healthcare. Empirical evidence around how radiography students learn professionalism within a radiographic curriculum is minimally necessary to adequately understand how best to approach teaching professionalism in radiography education. The purpose of this qualitative multiple case study is to understand the substance and the meaning radiography faculty and students give to professionalism. The hope is that the research findings can help bridge the gap in how students and faculty view and give meaning to professionalism in radiography.

Friday, July 12th

8:15 – 9:05 a.m.

Web 2.0 for the Radiology Classroom

Janet Akers-Montgomery, MEd, RT(R)(M)

In order for students to become fully engaged in their own learning, they need more than just a presentation of information laid before them. We, as instructors, must make every effort to develop presentation models that incorporate multiple forms of delivery to keep students motivated and interested in the subject matter, but at the same time increase the student's ability to retain the information presented. This lecture is designed to give the educator multiple types forms of web 2.0 applications for use in the classroom and online management system.

9:20 – 10:10 a.m.

Learning From Our Mistakes: Error Reporting in Radiologic Science Education

Kevin Kindle, MBA, RT(T)

The lecture will discuss the value of teaching students about self-reporting errors and explore methods of self-assessment employed by healthcare organizations. It will cover the background of incident reporting, components of self-reporting error systems, barriers faced by students, faculty, and clinical staff and tools for curriculum development.

10:30 – 11:20 a.m.

Teaching and Assessing Critical Thinking Skills in Today's College Student

Christian Raby, EdD, RT(R)

Educators are faced with the dilemma of how to reach today's college student. Advancements in technology and the influx of social media platforms have led to a completely different type of student than years ago. It is unfortunate when radiologic imaging educators continue to teach antiquated methods that do not reach students. The nature of radiography demands that students are taught critical thinking skills that will equip them to be exceptional technologists on the forefront of patient care. Reflective abilities dictate the generational gap that exists between students and educators; embedding critical thinking strategies within pedagogy can decrease that gap.

1:00 – 1:50 p.m.

The Impact of Cultural Competency Education on Radiography Students

Doris Abrishami, MA, RT(R)

This presentation describes an original research that explores the effects of cultural competency education on students of a Radiography program in the United States. The result of the research provides a new model of cultural competency education in addition to providing recommendations, directions, and curricular improvements that can be implemented in radiography programs and help the future radiographers achieve the highest levels of cultural competence.

2:05 – 2:55 p.m.

Document, Document, Document: Dealing With Problem Students and Faculty

Paulette Peterson, MEd, RT(R)(M)(QM) and Katherine Gress, MEd, RT(R)

The modern classroom has challenges that have changed over the years but still reflect society. Students and faculty may enter a program with emotional, personal and behavioral issues that go beyond those seen in the past. Generational differences, shifting societal norms and values, modern technology and even the use of medications can influence the classroom and program culture. This session presents case studies as these types of issues manifested themselves in one program. The importance of extensive and verifiable documentation that was instrumental in bringing resolution to some very difficult situations will be discussed.

3:15 – 4:05 p.m.

Utilizing Virtual Mediums to Create Student Centered Classrooms

Cheryl Young, MS, RT(T) and Zemirah Lett, MLIS

This session will detail a program where technologic collaboration has been successfully used to support students in an innovative classroom setting bringing students across 3 remote campuses into one onsite, virtual classroom – synchronously. Discussion of student engagement, while creating a community of learning styles will be shared as well as a variety of teaching methods and tools to keep students connected and engaged. Discussion of using easy to use and easy to access apps, cloud computing software, and innovative teaching techniques to connect students in a practical way.