

AEIRS 2013 Annual Meeting - Educational Sessions

This year's AEIRS Annual Meeting was held Thursday, July 11th and Friday, July 12th at the Radisson Hotel in Salt Lake City, Utah. There 149 in attendance at the meeting that was organized by Dr. Carole South-Winter and Tracy Herrmann. Prior to the meeting the JRCERT held a Site Visitor Workshop on July 9th and an Accreditation Seminar on July 10th.

The topics for the educational sessions were excellent for the expert and novice educator alike. There were several presentations related to curriculum development in the radiologic sciences. Dr. Frances Gilman shared information on interprofessional education. Her presentation provided ideas that could be used to create interdisciplinary learning experiences or courses. Dr. Sarah Baker discussed curriculum mapping and how this can be used to assure: what content is taught, how it is taught, when it is taught, and how learning is measured. The final presentation at the meeting was by Dr. Laura Alipoon, who provided an overview of linking course content, objectives, assignments and assessment.



Various classroom and clinical teaching strategies were also presented. Effective presentation design was discussed by Barbara Smith. Dr. Jennifer Chiu provided the results of her research related to the use of simulation and radiographers' critical thinking, self-efficacy, and clinical competence. In addition, this session provided pointers for how to develop simulation activities that could be

used in the classroom. Other teaching strategies sessions included using mentoring in the clinical setting by Kerry Dunn; the value and use of service learning by Lorie Zelna; and teaching and measuring professionalism by Paulette Peterson.

Technology was another topic of some of the educational sessions. Dr. Laurie Adams had an interesting presentation regarding developing compliant online courses. She provided an excellent overview of some of the regulations and tips that are helpful when teaching online. Deb Starkey and Pam Rowntree from Australia, discussed how PACS could be implemented and used in a radiography curriculum.

Pass the Hat

This year Supertech challenged the annual meeting attendees to contribute \$1500 to the Debra McMahan Invest in the Future fund during the annual Pass the Hat. Due to the generosity of AEIRS members who donated \$2015 through the *Pass the Hat* event and a kind matching donation from Supertech of \$2500, the event raised a whopping \$4516. Thanks to all who participated!



Supertech presented a check to AEIRS for \$2,500 (l to r) Judy McNitt Mell, Supertech; Carole South-Winter, AEIRS Meeting Planner; and Chris Mell, Supertech

AEIRS 2013 Awards

The **2013 AEIRS Elsevier Innovators of the Year Award** was presented to Mahsa Dehghanpour and Jamie Baker from the University of Texas, MD Anderson Cancer Center in Houston Texas. Mahsa Dehghanpour serves as the program director and Jamie Baker works as the educational coordinator for the Medical Dosimetry program at the University of Texas MD Anderson Cancer Center School of Health Professions. Dr. Dehghanpour and Ms. Baker are honored to be recognized as the AEIRS/Elsevier Innovators of the Year for 2013. They are



(l to r) Jamie Baker & Mahsa Dehghanpour

excited to share the development, implementation, and evaluation of a program entitled the SHP Interdisciplinary Case Conference, with their educator peers in the imaging and radiologic sciences. This program was created to improve student critical thinking skills in an interdisciplinary approach. Faculty at the SHP participated in the development and implementation of a case study involving a fictitious cancer patient, whereby the SHP students applied their professional skills to diagnose or treat the patient, depending on their respective disciplines. Student teams worked in interdisciplinary groups composed of learners from each allied health discipline, including: clinical laboratory science; cytogenetic technology; cytotechnology; diagnostic imaging; histotechnology; medical dosimetry; molecular genetic technology; and radiation therapy to review, diagnose, and treat the fictitious cancer patient in a simulated clinic environment. Faculty recreated a virtual comprehensive

cancer clinic through a HyperText Markup Language (HTML) site. The HTML web pages were uploaded to the Sakai course management system for easy access of students. The SHP values the development of critical thinking skills in students, and instructors appreciate the

importance of problem solving abilities as critical in developing effective health care practitioners. After the interdisciplinary event, students and faculty commented on the value of the learning experience as the case investigation provided new knowledge of other allied health disciplines and the inter-relationships between the fields. Congratulations to Mahsa and Jamie for their innovation and creativity!

The 2013 Association of Educators in Imaging and Radiologic Sciences Research

Grant was awarded to Terri Fauber, Associate Professor and Radiography Program Director at Virginia Commonwealth University. Her study is entitled: Pelvic Shielding and Gonadal Dose and will examine the dose to male gonads with and without shielding. Look for more information regarding Dr. Fauber's research in the next edition of *Spectrum*.

Congratulations to Terri!



(l to r). President Deborah Leighty and Terri Fauber

The 2013 AEIRS Honors Lecture was presented by Dr. Carole South-Winter. She is currently an Assistant Professor in the School of Health Sciences at the University of South Dakota. Carole's service to the AEIRS is immeasurable. She has been a member since 1986 and has had numerous roles including Nuclear Medicine Liaison, Director at Large, President Elect, President, and Chair of the Board. Since 2007, she has served as the Annual Meeting Planner. Carole follows in the footsteps of many renowned educators serving as excellent role models and mentors. She highly values the role of leadership and professional development in striving to be a true professional. Her high school government teacher said "as a citizen you always have the right to vote, but an uninformed vote or uninvolved individual has no right to complain." This statement definitely shaped her both her professional life and her commitment to AEIRS; she is not simply a card carrying member. Carole has been a member of AEIRS since 1986. She served as the Nuclear Medicine Liaison from 1987-2003, Director at Large

from 2000-2004, President-Elect in 2005, President in 2006 and Chair of the Board in 2007. She has served as the Annual Meeting Planner for AEIRS since 2007.

Carole's presentation focused on the important role education serves to the future success in the radiologic and imaging sciences. Dr. South-Winter discussed the changes that were occurring in healthcare and radiography that are and will continue to affect education. She provided some interesting perspectives on possible directions for the future of radiography education. Cultural competency has been and will continue to be an influence on future healthcare professionals. Her presentation challenged educators to consider the changes in the population and in healthcare as they develop their programs and courses for their programs.



Carole South-Winter with her husband Steve

Dr. South-Winter discussed the impact of credentialing examinations on professional curricula and suggests that the credential is considered the stepping stone for knowledge, skills, and abilities in radiologic and imaging sciences. She also discussed current issues impacting upon the profession including the aging population, reduced medical reimbursements, emerging technologies, and workflow inefficiencies. Carole expressed concern that the educational support for radiologic and imaging science management credentialing is out of step with other health credentials and advocates that administrators prepared through higher education will be better prepared to meet the demands of this ever changing profession.

Congratulations Carole for this wonderful honor and thank you for your years of service to AEIRS!