

The Impact of Hosting an ACR-Sponsored, Statewide Radiology Workshop

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BACKGROUND

We organized and hosted a radiology workshop to provide medical students an opportunity to network with peers across the state of Arizona, as well as learn from local radiologists. The workshop consisted of presentations from various radiology subspecialists, including neuroradiology, pediatric neuroradiology, breast imaging, musculoskeletal, and interventional radiology. There were also exhibits on national societies and radiology in medical education. In the afternoon, students participated in pediatric or adult diagnostic radiology mystery cases, a Point of Care Ultrasound (POCUS) workshop, and an angiography simulation. With a broad scope of presentations and workshops, our goal was to gauge medical students' interest and familiarity with the field of radiology before and after the event.

METHODS

Attendees were asked to complete a 12-question survey before and after the event. The survey included Likert scale style questions and a question to identify the radiology subspecialty students were most interested in.

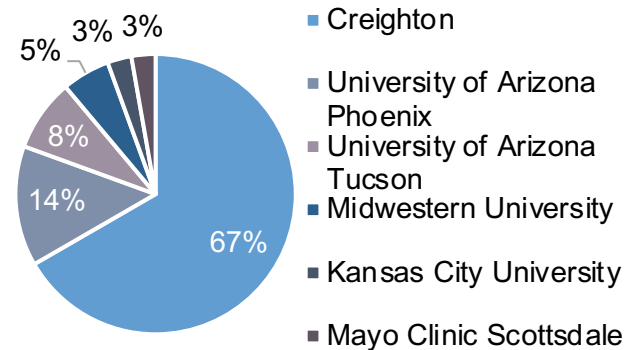
RESULTS

Survey Question	Pre-Survey Average	Post-Survey Average	p-value
Rate your level of interest in radiology	4.36	4.42	0.762
How likely are you to apply to Diagnostic Radiology (DR) residency?	4.11	4.25	0.603
How likely are you to apply to Interventional Radiology (IR) residency?	2.67	2.50	0.548
Rate your comfort and knowledge level on performing POCUS	2.42	2.86	0.099
Familiarity with DR scope of practice	3.64	4.44	4E-5*
Familiarity with IR scope of practice	3.19	4.11	4E-5*
Familiarity with American College of Radiology	3.11	3.94	0.002*

*Statistically significant

RESULTS

Schools Represented



What subspecialty of radiology interests you the most?

Subspecialty	Pre-Survey Responses	Post-Survey Responses
Neuroradiology	9	7
Musculoskeletal	3	7
Interventional	6	5
Mammography	5	4
Pediatric	2	2
Body	2	2
Chest	1	1
Nuclear	0	0
Unsure	8	8



CONCLUSION

Students from nearly every medical school in Arizona attended a radiology workshop to network and learn from local radiologists. We saw a 61% attendance rate from registrants and had over 80% survey completion. Attendees' familiarity with the scope of practice of diagnostic radiologists ($p < 0.001$), interventional radiologists ($p < 0.001$) and the ACR ($p = 0.002$) increased. Before the event, students were most interested in neuroradiology (9) and interventional radiology (7). After the event, students selected musculoskeletal imaging (7) and neuroradiology (7). This event likely attracted individuals already interested in radiology. As such, interest in radiology and likelihood of applying to a radiology residency did not significantly increase after the event. This event enhanced attendees' understanding of radiology and, for some, led to a shift in their preferred subspecialty.