

AUR 56th Annual Meeting Program

Black entry indicates educational programming; teal entry indicates society-specific events.

R indicates programming of special interest to residents.

SAR indicates SARRAD programming.

I indicates informatics track programming.

* indicates sessions that required prior registration.

Tuesday, March 25, 2008

2:00–6:00 PM



AUR/RSNA Session

ED IN MA PR QA RS

Radiology Informatics: What the Academic Radiologist Needs to Know

Location: Grand Ballroom D

Course Co-directors: *Curtis P. Langlotz, MD, PhD**

*Kimberly E. Applegate, MD, MS**

[2:00–2:55 PM]

Informatics in Radiology Education: Optimizing Your Teaching Portfolio

(2:00–2:20 PM)

Web 2.0: Leveraging the Internet for Lifelong Learning

Michael P. D'Alessandro, MD

Learning Objectives:

1. Learn why we should situate learning in practice.
2. Learn how we can situate learning in practice.
3. Learn how we can document and get credit for situating learning in practice with Web 2.0 tools.
4. Learn how we can use Web 2.0 tools to encourage professional collaboration among radiologists.
5. Learn how the mobile phone is your future interface to the Internet.

(2:20–2:40 PM)

Information Tools to Enhance Radiology Education

David E. Avrin, MD, PhD

Learning Objectives:

1. Learn how PACS enables radiology education.
2. Understand the challenges and solutions of harvesting images and studies from PACS, including the IHE TCE profile.
3. Review and understand the basic informatics requirements for case collection and computer-based education.
4. Review available Web-based resources for education and for collecting your own material, including RSNA MIRC.
5. Review available tools for diagnostic imaging decision support at the workstation and their role in “just-in-time” learning for practicing radiologists and trainees.

(2:40–2:55 PM)

Questions and Discussion

[2:55–3:50 PM]

Informatics for Clinical Practice: Improving Radiology Communication

(2:55–3:15 PM)

Information Needs of Clinical Radiologists

*William W. Boonn, MD**

Learning Objectives:

1. Understand the IT and clinical information needs of the radiologist.
2. Define challenges in providing clinical information at the point of care.
3. Describe potential solutions for addressing the information needs of radiologists using currently available IT services.

* Faculty financial disclosures are located in the Faculty Index.

(3:15–3:35 PM)

Best Practices for Radiology Reporting

*Curtis P. Langlotz, MD, PhD**

Learning Objectives:

1. Demonstrate how new reporting methods can help meet national quality and certification goals.
2. Learn about efforts to create best-practices clinical radiology reports.
3. Understand the strengths and weaknesses of speech recognition and structured reporting.
4. Review how clinical reporting tools can help facilitate clinical research.

(3:35–3:50 PM)

Questions and Discussion

[3:50–4:10 PM]

Break

[4:10–5:05 PM]

Informatics for Practice Administration: Mining Data to Ensure Quality and Safety

(4:10–4:30 PM)

Using Information Technology to Improve Quality and Safety

*Ronald L. Arenson, MD**

Learning Objectives:

1. Identify key issues for quality and safety in radiology.
2. Describe current information technology applications for patient safety and quality.
3. Explore future IT approaches with promise for improved safety and quality.

(4:30–4:50 PM)

Mining Your Information System to Increase the Quality of Imaging

*Keith J. Dreyer, DO, PhD**

(4:50–5:05 PM)

Questions and Discussion

[5:05–6:00 PM]

Informatics for Imaging Research: Capitalizing on Systems for Imaging Investigators

(5:05–5:25 PM)

Sharing Images for Radiology Research

Eliot L. Siegel, MD

(5:25–5:45 PM)

Beyond Spreadsheets: Time-saving Tools for Data Collection and Analysis

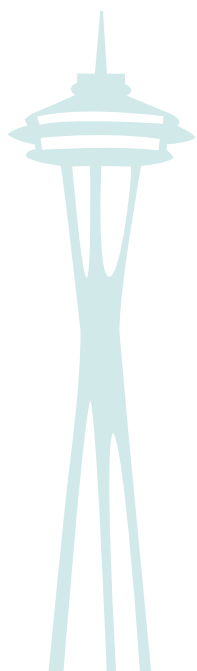
John Eng, MD

Learning Objectives:

1. Learn efficient techniques for manipulating data and performing data analysis with a spreadsheet program.
2. Define the basic structure and functions of a database.
3. Recognize tasks that are more easily accomplished with a database than a spreadsheet.

(5:45–6:00 PM)

Questions and Discussion



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