

## 2015 Annual Report Research Development Committee

The Research Development Committee (RDC), chaired by Mitchell Schnall, MD, PhD, continues to pursue its initiatives to improve the quality and quantity of radiology research, enhance participation of radiologists in research, and advise the RSNA Board of Directors about priorities for and RSNA programs in imaging science and research. Following is a summary of its activities in 2015.

### 2015 Research Development Courses

The RDC organized the following research development and grant-writing workshops:

<b>PROGRAM</b>	<b>STUDENT # (2015)</b>	<b>Program Duration and Location</b>
<i>Clinical Trials Methodology Workshop</i>	31 (includes 1 guest participant)	6½-day workshop in Scottsdale, AZ, January 2015
<i>Writing a Competitive Grant Proposal</i>	30	1½-day workshop at RSNA Headquarters, March 2015
<i>Advanced Course in Grant Writing</i>	20	Four-weekend course October 2014 - May 2015 at RSNA Headquarters
<i>Creating and Optimizing the Research Enterprise Workshop</i>	30	1½-day workshop at RSNA Headquarters, October 2015
<i>Introduction to Academic Radiology</i>	42	4½- day seminar at RSNA Annual Meeting
<i>NIH Grantsmanship Workshop</i>	50*	½-day workshop at RSNA Annual Meeting

\*anticipated number, based on past attendance

### Other RDC Activities:

#### *Vice Chairs of Research (VC)*

The VC group, under the leadership of Elisabeth Krupinski, PhD and James Carr, MD, with Dr. Mitchell Schnall serving in an advisory capacity, held in-person meetings at RSNA 2014 and the AUR 2015 meeting in New Orleans, Louisiana. The New Orleans meeting was designed as a half-day workshop with presentations and discussions on topics including vice chair roles and responsibilities, the importance of mentoring clinical scientists, resident training and recruitment, and PCORI funding opportunities. Representative s from SCARD and the Radiology Research Alliance (RRA) also participated. Discussions with RRA leadership regarding possible collaborations are ongoing

#### *RSNA/ASNR Comparative Effectiveness Research Training (CERT)*

The Boards of RSNA and ASNR recently approved a three-year pilot for a co-sponsored CERT program. The main goal of the program is to provide an introduction to the methodology and tools for performing CER, culminating in a viable research proposal. The year-long training will be composed of e-learning modules, an in-person workshop, webinars, and web-based mentoring components. It will include a peer review process for participants' CER project proposals. It is anticipated the application process will be launched in the Spring of 2016.

#### *Creating and Optimizing the Research Enterprise (CORE) Workshop*

The most recent CORE workshop, which took place October 2 – 3, 2015 at the RSNA headquarters, was planned by Drs. Mitchell Schnall, Carolyn Meltzer and Jeffrey Weinreb. This biennial workshop focused on faculty development and organizational models to optimize funding success. This year's program included a special dinner presentation by Dr. Richard Ehman, entitled "Research to Practice." Other new

content included presentations on Imaging Research Entrepreneurship, Managing with Constrained Resources, Gender and Diversity issues, and case presentations from attendees, discussing research program challenges.

*Special Interest Session: Radiology and Pathology Integrated Diagnostics*

A second Special Interest Session is planned for RSNA 2015 to follow up on the 2014 collaboration with ASCP and the joint 2014 Special Interest Session, which looked at value that would come from better integration of pathology and radiology. The 2015 session will focus on clinical examples of integration of radiology and pathology diagnostic pathways.

*RDC Workgroups*

At its June meeting the RDC created two workgroups. The Research Course Redesign group is evaluating current RSNA research development offerings to determine whether the current needs of the academic community are being addressed. The goal of the second workgroup is to determine whether there are opportunities and benefits for RSNA to collaborate with ASCO or other oncology groups, and if so what the nature of the collaboration might be. Both workgroups will report back to the RDC.

The RDC is grateful to all its members and many volunteers who have contributed to the success of its programs.

Respectfully submitted,

Mitchell D. Schnall, MD, PhD  
Chair