



Radiation Research Society

Scholars in Training (SIT)

Newsletter March 2015

Forward / Announcements

Dear SIT Members,

The weather is finally warming up and I am ready and excited for the Spring, as it has been a cold winter for many of us.

The 2015 International Congress of Radiation Research is coming up in May and it promises to be an exciting meeting. The program includes the opening plenary session by Nobel Laureate, Dr. Shinya Yamanaka. The main theme of this year's ICRR2015 is "Radiation Science Shaping the Future of the Earth and Mankind". In line with the theme of this year's ICCR, the second plenary session of the meeting will be by Dr. Akito Arima. He will discuss the 2011 accident of Fukushima Dai-ichi Nuclear Power Station, radiation and future of energy in the world.

A few other things to remember,

- The Annual RRS meeting for 2015 will be held in Weston, FL from September 19-22, 2015. Abstract submission will close April 7, 2015. Check [website](#) for late breaking abstract submission. [Early registration](#) is open from April 1- June 22, 2015.
- Are you a SIT member who just had a publication accepted? Please let us know so we can highlight your accomplishments here in the SIT Newsletter.
- Create and/or update your profile on the RRS website. It has a directory, which is a great tool to find and keep in touch other RRS members. The website also has career, news, and calendar sections to keep you up-to date on related current events.
- Also, be also sure to check out the [RRS podcast page](#), there are a lot of interviews with RRS members focusing on different areas of radiation science.

As we all continue our labor of love and the outstanding work on our research projects, let's remember to enjoy the extra daylight! Hope to see you all at a meeting sometime soon!

Adeola Makinde PhD, SIT Committee Member

We are excited to announce that the tentative schedule for the SIT Workshop this year has been announced! The news is even better than that, as you can still submit your abstract to apply for a travel award! The RRS has extended the abstract deadline one last time to April 7, 2015. If you have not already, please submit your abstract immediately [here](#). There are still travel awards available but they will not be after the 7th. If you are interested, you can find more information about our upcoming meeting [here](#). It includes up to date scientific programs as well as information on abstract submission and this year's debate. The SIT Committee has worked very hard this year to bring you an exciting SIT Workshop. Please enjoy!

2015 RRS SIT: Advances in Clinical Approaches to Cancer Therapy

SCHEDULE

Workshop Chair: Thomas Friedrich, Ph.D.

8:00-8:30 AM Breakfast.

8:30-8:40 AM Welcome and Introductions (Paul Black and Thomas Friedrich)

8:40-10:10 AM *A Successful Grant: Looks Matter and Presentation Matter*

Professor David Gius and Professor James Larner

10:15-10:30 AM Coffee / Networking Break

10:35-11:15 AM *Nanoparticle therapy / novel drug delivery systems, Professor Mark*

Dewhirst, Duke University

11:20-12:00 AM *Vascular Damage and Hypoxia, Professor Linda Metheny-Barlow, Wake*

Forest School of Medicine

12:00-1:00 PM Lunch

1:05-1:45 PM *Health Physics: How it must adapt to emerging radiation technologies in the lab and the clinic, Professor John Zimbrick, Colorado State University*

1:50-2:50 PM Early Career Investigator (ECI) Speaker: *The Transition to Faculty: Lessons Learned, Prof Jeffrey Willey, Wake Forest School of Medicine*

2:55-3:25 PM Coffee / Networking Break

3:30-4:10 PM *Proton radiation therapy: Challenges in predicting the finite range of the beam in patients, Prof Harald Paganetti, Massachusetts General Hospital &*

Harvard Medical School

4:15-4:55 PM *Hypofractionated Radiotherapy: From Technological Advances to Personalized Therapy for Cancer Patients, Olivia Kelada, Yale University (SIT)*

5:00-6:00 PM Networking Wrap-Up

7:30 PM **SIT SOCIAL at Alaya Pool in Bonaventure Resort**

Recent SIT publications

Mims J, Bansal N, Bharadwaj MS, Chen X, Molina AJ, Tsang AW, Furdul CM. [Energy Metabolism in a Matched Model of Radiation Resistance for Head and Neck Squamous Cell Cancer](#). Radiation Research 183(3):291-304. 2015.

Fernandez-Palomo C, Mothersill C, Bräuer-Krisch E, Laissue J, Seymour C, Schültke E. [\$\gamma\$ -H2AX as a Marker for Dose Deposition in the Brain of Wistar Rats after Synchrotron Microbeam Radiation](#). PLoS One. 2015 Mar 23;10(3):e0119924.

Educational Outreach Video: Fukushima Accident

In our ongoing efforts to improve educational outreach to the general public, our very own John D. Boice, JR., ScD., President of the National Council on Radiation Protection and Measurements, sat down with RRS videographer John Earley to discuss the Fukushima Daiichi nuclear disaster and the aftermath. This video was filmed at the 60th Annual Meeting in Las Vegas. You can watch the video [here](#). Public education is an extremely important role we must play as scientists, and this is an excellent example of these kinds of efforts.

Upcoming professional meetings and courses



American Association for Cancer Research (AACR) Annual Meeting
Apr 18-22, 2015; Philadelphia, PA

Abstract submission: **closed**
[More information](#)



National Cancer Institute (NCI) and Radiation Research Society (RRS) Symposium
May 11, 2015; New Orleans, LA

Abstract submission: **closed**
[More information](#)



International Congress of Radiation Research (ICRR)
Kyoto, Japan; May 25-29, 2015

Abstract submission: **closed**

Exclusive RRS Member Registration: **No Longer Available**

[More information](#)



57th Annual American Association of Physicists in Medicine (AAPM) Meeting
Anaheim, CA; July 12-15, 2015

Abstract submission: **closed**

[More information](#)



61st Annual Radiation Research Society Meeting
Weston, FL; Sept. 19-22, 2015

Abstract submission: **closed**

[More Information](#)



The European Cancer Congress 2015
Vienna, Austria; Sept. 25-29, 2015

Registration: open

[More information](#)



American Society for Radiation Oncology Annual Meeting
Oct. 18-21, 2015

Abstract submission: open
[More information](#)

Do you know of any upcoming professional meetings? Please let us know, email details to pblack@wakehealth.edu

SIT Committee Contact Details

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