



*NCCHPS Spring Meeting
Friday, April 19, 2013
Overture Room
Gordon Dining and Event Center
University of Wisconsin - Madison*

Meeting Agenda

8:00	<i>Registration: coffee, bagels, etc.</i>
8:30	<i>Welcome & Introductory Remarks</i> Gary L. Yarrow, Ph.D.; NCCHPS President-Elect Gordon Tannahill, MHP, CHP; NCCHPS President
8:45	<i>Fallout - the mixed blessing of radiation & the public health</i> Ms. Micaela Sullivan-Fowler; Ebling Library, Madison, WI
9:45	<i>HPS 58th Annual Meeting Update</i> Michael Lewandowski, MS, CHP. Local Arrangements Committee Co-chair
10:00	Break / Vendors
10:45	<i>SHINE Medical Technologies Domestic Production of ⁹⁹Mo Using LEU</i> Thad A. Heltemes, Ph.D.; Systems Engineer Morgridge Institute for Research
11:45	Lunch / Vendors
12:30	<i>NCCHPS Business Meeting</i> Gordon Tannahill, MHP, CHP; NCCHPS President
1:15	<i>Mayo Clinic Fluoroscopy Notification Program</i> Gordon Tannahill, MHP
1:45	<i>Revitalizing a Teaching Nuclear Lab Facility</i> Rob McTaggart, Ph.D., Assoc. Professor Physics South Dakota State University
2:30	<i>Tour of Monona Terrace</i> Michael Lewandowski, MS, CHP. Local Arrangements Committee Co-chair

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Speaker Bios

1. **Fallout: The Making of a "Radioactive" Exhibit**

Ms. Micaela Sullivan-Fowler has been the curator and history of health sciences librarian at Ebling Library for the past 14 years. She acts as the liaison to the Department of Medical History & Bioethics within the School of Medicine and Public Health. She works with graduate and undergraduate students, helping them navigate the print and electronic worlds when using primary material for their research papers.

This most recent exhibit was imagined in response to UW-Madison's Common book reading program, "Go Big Read." This year's choice was "Radioactive: Marie & Pierre Curie: A Tale of Love and Fallout", an unorthodox biography of Marie & Pierre Curie by Lauren Redniss. In designing exhibits, Micaela's primary goals are to highlight books in the Ebling's collections, and to create thematic pathways between the subjects in the individual cases. While the current exhibit on the history of radioactivity, x-rays and radium has had glowing reviews, it was perhaps the most difficult to tell in such a limited space. The discovery of so many interesting stories is what Micaela loves to share.

2. **SHINE Medical Technologies Domestic Production of 99Mo Using LEU**

Thad A. Heltemes, PhD, has been working on the SHINE Medical Technologies project since June of 2010. He joined the Morgridge Institute for Research as a nuclear systems engineer January of 2011. He currently functions as the team lead for the MIR engineering support staff working on the SHINE project and is the work package manager for the SHINE facility tritium purification system, uranyl sulfate solution preparation system, and uranyl sulfate solution cleanup system. Previously Dr. Heltemes was a researcher at the University of Wisconsin — Madison's Fusion Technology Institute for 5 years, where he conducted research and analysis in support of several DOE-sponsored inertial fusion energy reactor design projects, specifically in the area of modeling plasma-wall interactions and first-wall lifetime degradation due to fusion product ion implantation.

3. **HPS 58th Annual Meeting Update**

Mike Lewandowski is a corporate health physicist at 3M. He has a master's in health physics from Purdue University and is board certified by the American Board of Health Physics. Mike joined the North Central Chapter in 1987 and has served in many roles including affiliate coordinator, councilor, president and web master.

4. **Mayo Clinic Fluoroscopy Notification Program**

Gordon Tannahill, MHP, CHP is a Radiation Safety Officer at Mayo Clinics. Gordon is the current President of the NCCHPS.

5. **Revitalizing a Teaching Nuclear Lab Facility**

Rob McTaggart, Ph. D. is an Associate Professor of Physics from South Dakota State University where his teaching and research interests includes: Health Physics, Nuclear Engineering and Particle Physics. Rob teaches several classes including "Health Physics Fundamentals" and is involved with the Sanford Underground Research Laboratory located in the Black Hills of South Dakota. Rob is an ex-president and councilor of the NCCHPS Chapter.