

NAME OF SPECIALTY SECTION _____ Nanotoxicology _____

ANNUAL REPORT: 2010-2011

May 1, 2010 to April 30, 2011

I. Officers/Committees:

Officers:

| | <u>2009-2010</u> | <u>2010-2011</u> |
|------------------|----------------------|----------------------|
| President: | David B. Warheit | Justin G. Teeguarden |
| Vice President: | Justin G. Teeguarden | Joyce S. Tsuji |
| President Elect: | Joyce S. Tsuji | Alison C.P. Elder |
| Secretary: | Stephen M. Roberts | Mara Seeley |
| Councilor: | Nigel Walker | Diane E Heck |
| Councilor: | Christie Sayes | David W. Hobson |

| | | |
|-----------------------|----------------------|------------------|
| <i>Past-President</i> | Annette B Santamaria | David B. Warheit |
| SAC Representative: | Amy (Hui-Shan) Wang | Leshuai Wu Zhang |
| PDA Representative: | Patricia Gillespie | Lisa Truong |

Committees: Webinar, Program, Awards, Newsletter, Nominations

II. Activities

2010 SOT Annual Meeting Reception was held March 6 in Washington, DC

Approximately 150 people were in attendance.

Dr. David Warheit called the meeting to order at 7:05 PM on March 6, 2011.

Business Meeting Speaker: Steve Roberts

Meeting Minutes: see Attachment I

Outstanding Graduate Student – Brittany Serke

Research: Effects of Copper Doped Titanium Dioxide Nanoparticles In Vivo: Role of Soluble Metal

Mentor/Institution: Alison Elder/Department of Environmental Medicine, University of Rochester

Outstanding Post-Doctoral Student – Xiaoqing Chang

Research: PBPK Model of Micro and Nano Sized Fluorescent Polystyrene Spheres in Rats

Mentor/Institution: Christopher J. Portier/NIEHS

Outstanding Publication Award - Dongeum Huh and Donald Ingber

Publication: "Reconstituting Organ-Level Lung Functions on a Chip" Science 328:1662-1668. June 25, 2010

Institution: Wyss Institute for Biologically Inspired Engineering at Harvard University

2010 SOT Annual Meeting Courses/Sessions:

Endowment Fund Details: The specialty section is considering if an endowment should be pursued.

Serving Students:

Contributing to the training and development of young scientists is one of a specialty section's most critical and most enjoyable activities. This year, our outstanding student and post-doc representatives, Lisa Truong and Leshuai Zhang, conducted a poll of the Nanotoxicology Specialty Section membership about how best the specialty section can serve and support student members.

Not surprisingly, the student and post-doc members expressed a desire to interact more with full members, particularly in the areas of scientific collaboration and professional and job networking. Our whole membership, including students, post-docs and more established members, value this sometimes intentional, other times unintentional, service of the specialty section. While some of us have long friendships in the field, student and post-doc members need us to reach out to them, and there is more we could be doing to help them find collaborators, mentors, and to broaden their perspective on where the jobs and post doctoral activities are.

Providing some guidance on specialty section resources on the SOT website, and the possibility of posting recent publications on the site to facilitate communication of new findings and to stimulate discussions within the specialty section, were two other very good suggestions from the student and post-doc members.

Newsletters: January and July (available on the Website.)

Teleseminars:

Workplace and Environmental Exposure Assessment for Engineered Nanomaterials

Presented by:

Dr. Thomas Peters

Department of Occupational and Environmental Health
The College of Public Health
The University of Iowa

Monday, July 25, 2011

1 pm EST

Three more are planned for the year.

White Papers: None

Contributions to SOT Web site: None

Other Specialty Section 2010-2011 Activities:
