



# Nanotoxicology Specialty Section Newsletter

Volume 3, Issue 2 (March 2013)

## *Pack Your Bags for San Antonio!*

Interest in nanotoxicology, reflected in part by the Scientific Program, remains strong within SOT. Scientific sessions related to nanotoxicology at this year's annual meeting include two symposia, two workshops, one roundtable, one informational session, one platform session, and four poster sessions. To help you keep track of times and locations for these scientific sessions, we've included a [calendar](#) at the end of the newsletter. In addition to the scientific sessions, there is also a Continuing Education class on Sunday afternoon – "Advances in Nanotoxicology – Challenges." And of course, there is the NTSS reception, held this year on Wednesday evening, from 6 – 7:30, at the Grand Hyatt, Texas Ballroom C. We hope to see you there!

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*The NTSS Executive Committee is grateful for the assistance of Syed Ali, Jeremy Larson, Saura Sahu, David Warheit, William Waissmann, and Leshuai Zhang, who helped review and rank proposals for the scientific sessions this year.*

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### **Officers**

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Mara Seeley

#### **Website Liaison**

Mara Seeley

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## *President's Message*

In looking forward to the upcoming annual meeting, we will have a lot to take in on nanotoxicology. Interest in our field and specialty section remains strong and at last count we are at 297 members. Efforts of our members have produced a wide variety of sessions on the program as well as over 200 abstracts submitted for poster and platform presentations. As I understand from our program committee mole (Paul Howard), we have generated some jealousy from other specialty sections. I would like to encourage everyone to network with colleagues and use the annual meeting to plan for session proposals for next year. With this in mind, our specialty section meeting, although on a less favorable Wednesday evening for attendance, will allow more time for mingling. We will also be recognizing outstanding members for best papers and other awards, as well as providing some timely announcements on upcoming events of interest to our field, the new proposed nano-topic categories for annual meeting abstract submissions, and some topical entertainment. Please also see the [student section](#) of this newsletter for the continuation of our student mentoring program at the annual meeting as well as the “meet a student or post-doc” raffle for caffeine at our specialty section meeting. Even if you are not one of the lucky winners, I am sure you will be energized to learn about the interests and activities of our bright younger members.

I would like to thank the executive board and committee volunteers for all of their hard work this year to produce great webinars, promote our session proposals to the program committee, update our bylaws, mentor students, nominate one of our members for an SOT merit award, solicit and nominate a great slate of officers for next year, raise funds to support awards and student mentoring, evaluate award candidates, and communicate with the membership. In particular, I wanted to thank one of our less visible officers, Mara Seeley, for all of her efforts over the past years as secretary/treasurer to record our deliberations, back up our failing memories, keep us fiscally on tract, budget for our annual meetings and activities, and produce an outstanding newsletter, and update the website.

Please don't hesitate to contact any of the members of the board if you have any questions and comments. We would love to hear your feedback on how we can best serve the membership.

*- Joyce Tsuji*

## *Graduate Student and Post-Doc Activities*

### **Mentor Mentee Program**

Based on the success and popularity of the mentor-mentee program last year, we are continuing the program this year. The mentor-mentee program, which couples mentors with mentees based on interests, was conceived by former NTSS councilor Christie Sayes. This year there are four mentor-mentee groups, each with two mentors and three mentees, who will meet for lunch (subsidized by NTSS).

### **Networking at the NTSS Reception**

In addition to the mentor-mentee program, we will again be handing out raffle tickets for a Starbucks Cards at the NTSS reception, to encourage associate and full members to engage with our student and post-doc members. The NTSS reception provides a great opportunity to meet and talk with our student/post-doc members. We know that many of our associate and full members already make a point of doing this at the reception. As with last year, associate/full members who reach out and talk to a student/post-doc will receive a raffle ticket for a chance to win a Starbucks Card. This year, both the associate/full member and their student/post-doc connection, will receive a Starbucks Card!

### *Awards*

Winners of the Outstanding Graduate Student, Outstanding Post-Doc, and Outstanding Publication Awards will be announced at the NTSS reception. For the Outstanding Graduate Student and Post-Doc Awards, we will hand out first, second and third place awards, each of which includes a cash prize. The first place awardees also receive a plaque. The student awardees will also receive a one-year free subscription to the journal, Nanotoxicology, from Informa Healthcare. The winner of the Outstanding Publication Award will receive a plaque.

The NTSS is grateful for generous contributions from Exponent (\$500), Gradient (\$250) and nanoTox (\$1000), which help to fund the Grad Student and Post-Doc Awards as well as student mentoring.

### **New WebPage for Grad Students and Post-Docs**

We have added a [new web-page targeted to Students and Post-Docs](#) on the NTSS Website. There you can find useful information about the awards, as well as programs sponsored by the Graduate Student Leadership Council. We are also working on a Research/Career Advice Program, that will be highlighted on the Grad Student/PostDoc page. If there is any other information or resources you would like to see on the page, you can talk to one of our Student or PostDoc Reps, or the Website Liaison.

### **Changes to By-Laws**

This past year NTSS members voted to support an amendment to our Bylaws, to establish the Student Representative as a two-year position, with the first year serving as the Student Rep, and the second year serving as Student Councilor. This will allow the Student Rep/Councilor to learn more about the Board's activities, which should help to provide more access for students to the NTSS leadership.

## ***Election Results***

In January, we elected five new officers, with an election turn-out of approximately 30%. Our new officers are:

- Jamie Bonner for Vice-President Elect
- Ed Reverdy for Secretary/Treasurer
- Andrij Holian for Councilor
- Amy Wang for Postdoctoral Representative
- Marusia (Mary) Popovech for Vice-Student Representative

Please join us in welcoming our new officers to the NTSS executive committee!

We would also like to thank Dave Hobson, who has been a valuable member of the Executive Committee for the past two years, serving as a councilor, and who has graciously agreed to serve for an additional year so that one of two councilor positions come up for election each year, as required by our updated bylaws.

## ***2012-2013 Webinar Series***

The 2012 – 2013 Webinar Series for NTSS included three webinars. These webinars have featured a variety of topics and speakers. The most recent webinar, hosted on [February 26, 2013](#), featured a speaker from the other side of the pond – Dr. Robert Landsiedel, who works on product safety issues at BASF in Germany. Dr. Landsiedel discussed testing strategies for assessing safety of engineered nanomaterials.

[In October](#), NTSS hosted a webinar by Dr. Paul Howard, Director of the Office of Scientific Coordination at

the FDA, regarding FDA's regulatory science program for nanotechnology and the current regulatory status for approval of nanomaterials.

Dr. Harvey Clewell, Senior Investigator at the Hamner Institutes for Health Sciences, presented a webinar [in July](#), regarding risk assessment insights from the NIEHS-funded research consortium for engineered nanomaterials.

We hope these webinars have been informative. Let us know if there is a particular topic or area of interest that you would like to see in an upcoming webinar.

## ***Business Report***

With 297 members (up from 284 last year), the NTSS remains in good financial shape. Our net assets following the end of the meeting are expected to be approximately \$3,300.

The following is a breakdown of our income and expenses for the 2012 – 2013 fiscal year:

Net assets at beginning of year, \$9,120

**Income: \$8,758**

- Contributions: \$1,500
- Dues: \$4,275
- Registration: \$2,514
- Interest: \$470

**Expenses: \$8,018**

- Awards\*: \$2,128
- Reception: \$5,685
- Mentor-Mentee Program \$205

Net assets at end of year, \$9,861

Estimated expenses for 2013 Annual Meeting, \$6,572

*\*Includes cost of plaques*

# *Nanotoxicology Calendar of Scientific Sessions*

## *SOT 2013*

	Monday	Tuesday	Wednesday	Thursday
<b>Morning</b>	Predictive Toxicology Paradigms for Understanding Carbon Nanotube Toxicity in the Lung 9:15 - 12:00; Room 214 A&B (Symposium)		Nanotoxicology – <i>In vitro</i> 9:00 - 12:30; Exhibit Hall C-D (Poster Boards 201 – 245)	From Immunotoxicity to Nanotherapy: The Effects of Nanomaterials on the Immune System 8:30 - 12:00; Grand Ballroom C2 (Symposium)
<b>Mid-Day</b>	A Decade of Nanotoxicology: Where Do We Stand Now? 12:10 - 1:30; Room 207 (Roundtable)			
<b>Afternoon</b>	NanoInformatics: Computational Challenges for Nanomaterial Hazard Assessment 2:00 - 4:45; Room 217 A&B (Workshop)  Toxicity of Nanoparticles— Cerium Oxide 2:00 - 4:45; Room 207 (Platform Session)  Nanotoxicology— Carbonaceous Materials 1:00 - 4:30; Exhibit Hall C-D (Poster Boards 201 – 246)	Nanotoxicology – Silver and Gold 1:00 - 4:30; Exhibit Hall C-D (Poster Boards 326 – 370)	Nanotoxicology: Computational Strategies, Advances, and Challenges 1:30 - 4:15; Room 214 A&B (Workshop)  Nanotoxicology – <i>In vivo</i> 1:00 - 4:30; Exhibit Hall C-D (Poster Boards 601 – 635)	
<b>Late Afternoon</b>			Regulatory-Based Nanotoxicology: Evolving National Strategies and Research to Address Engineered Nanomaterial Health Risk Assessments 4:30 – 5:50; Room 217 A&B (Informational Session)	
<b>Evening</b>			NTSS Reception 6:00 - 7:30 Grand Hyatt Texas Ballroom C	