



# Neurotoxicology Specialty Section

March 19, 2014

## DEAR NTSS MEMBERS:

As the SOT annual meeting is fast approaching, the NTSS Executive Committee would like to provide updates and activities at the annual meeting that may be of special interest to NTSS members. NTSS will be a strong presence at the upcoming 2014 SOT meeting in sunny Phoenix, Arizona. We invite you to attend NTSS sponsored symposia, workshops, poster sessions/competitions, and of course, the always enjoyable NTSS reception. Details of these events are outlined below.

### The Dr. Toshio Narahashi Neurotoxicology Fellowship Award Update:

NTSS is delighted to announce that the endowment drive for the Toshio Narahashi Fellowship Fund **has exceeded its original goal of raising \$25,000 by the end of December 2013**, which means that the proceeds of the fund will be available for NTSS use in perpetuity. NTSS expresses its sincere thanks to the donors who joined together to make this a reality. The fund is named to honor Dr. Toshio Narahashi's lifetime contribution and commitment, not only to neurotoxicology research, but also to training junior neurotoxicologists. This significant support from the fund will enable NTSS to continue the legacy of Prof. Narahashi for future graduate students and postdoctoral fellows and will be used to provide annual travel stipends to graduate students and postdoctoral fellows demonstrating outstanding neurotoxicology research. Awards will be bestowed at the NTSS social event held during the SOT Annual Meeting. Although we have successfully completed the endowment's initial \$25,000 campaign (**currently at ~\$30,000**), we now have an amazing opportunity to increase the size and influence of the endowment significantly. **SOT will match your contributions one-to-one! Please continue to contribute to the fund.** Click on <http://www.toxicology.org/ai/csot/contribute.asp> to access the donor form. **Be sure to select Toshio Narahashi Neurotoxicology Fellowship Award under named funds. Recommended donation levels:**

**Paracelsus:** \$500-more  
**Gold:** \$250-\$499  
**Silver:** \$100-249  
**Bronze:** \$40-\$99.

### NTSS/SOT Election Results:

In the recent NTSS elections, **Abby Li** was elected to the position of Vice-President-Elect. NTSS members elected **Ron Tjalkens** to serve as Secretary/Treasurer and **Michelle Block** to serve as Councilor. **Kristen Ryan** was re-elected as the postdoc representative and **Dilshan S. Harischandra** as the graduate student representative. Congratulations to the newly elected NTSS officers. Thank you to **Gary Miller** and the other Nominating Committee Members for their efforts in identifying candidates to nominate. Sincere thanks to **Caroline Moore**, our outgoing graduate student representative who provided strong service to NTSS. Also, NTSS executive committee would like to thank our outgoing Secretary/Treasurer **Jason Richardson** and the Councilor **Christopher Toscano** for their outstanding service to the committee.

### NTSS Poster Competition for the 2014 SOT meeting:

For those of you who have graduate students or postdocs participating in the poster contest (or who are serving as judges for the contest), the judging will take place from 4:30 – 6:00 pm on Monday March 24 in the Convention Center. Participants will also receive specific information from **Pamela Lein** ([pjlein@ucdavis.edu](mailto:pjlein@ucdavis.edu)), Chair of the NTSS Student and Postdoctoral Awards Committee. Please contact her directly if you have any questions prior to the meeting. Good luck to all students and postdocs who are participating, and sincere thanks to all judges who have accepted the difficult task of selecting the winners. Winners will be announced at the 2014 NTSS Reception.

### NTSS Reception:

This year our specialty section reception will be held **Wednesday, March 26, from 6-7:30 pm in Valley of the Sun D of the Sheraton Phoenix Downtown Hotel**. Please mark your calendars and plan to attend; enjoy food and drinks while visiting with your NTSS colleagues. A short business meeting will be held at approximately 6:45 PM. If you have items for the business meeting agenda, please contact Anumantha Kanthasamy ([akanthas@iastate.edu](mailto:akanthas@iastate.edu)).

### NTSS-related meeting at the 2014 Annual SOT meeting:

#### **NTSS officers meeting:**

Monday, March 24th, 6:30-8:00 AM,  
Convention Center Room 222.

#### **INA Business meeting:**

Monday, March 24th, 1-2 pm. Location,  
Sheraton Phoenix Downtown, 340 N. 3rd  
Street Phoenix, Room: Ahwatukee AB.

#### **NIEHS Meeting of Researchers to Discuss Environmental Contributions to**

**Autism:** March 24, 1:30-3:00 PM, Convention Center Room 127 B&C, Phoenix. NIH  
RSVP: Astrid Haugen, [Haugen@niehs.nih.gov](mailto:Haugen@niehs.nih.gov)

#### **Special Thanks to Elsevier**

The generous donation from Elsevier and NeuroToxicology (Edited by Dr. Joan Cranmer) in December of 2013 propelled our fund raising efforts and solidly assured the creation of the "Toshio Narahashi Neurotoxicology Fellowship Award Fund". NTSS offers sincere thanks to Elsevier and Joan Cranmer for the lead donation.

# A Look Back at our 2013-2014 Graduate Student and Postdoc Awards:

Graduate students and postdoctoral fellows play a vital role in our neurotoxicology research. The past year has been especially fruitful in terms of graduate student and postdoc awards and honors. Congratulations to the following trainees who were selected to receive awards during the past 12 months.

## Graduate Student Awards:

### **Caroline Moore**

#### **University of California, Davis**

*US Environmental Protection Agency STAR Fellowship, Year 3 (Sponsor: US EPA)*

### **Dilshan Harischandra**

#### **Iowa State University**

*Syngenta Fellowship Award in Human Health Applications of New Technologies (Sponsor: Syngenta/SOT - March 2014)*

*First Place: Dean E Carter Poster Award (Sponsor: Metals Specialty Section. SOT 52nd Annual Meeting; March 10-14 2013, San Antonio, TX)*

*Second Place, Best Poster Award (Sponsor: Neurotoxicology Specialty Section. SOT 52nd Annual Meeting; March 10-14 2013, San Antonio, TX)*  
*Outstanding Poster Award (Sponsor: Central States Society of Toxicology Meeting, Oct 10-11, 2013)*  
*Outstanding Poster Presentation Award (Sponsor: Institute for Clinical and Translational Science, University of Iowa Research Week. April 16-17 2013, Iowa City, IA)*

### **Aaron Lulla**

#### **University of California, Los Angeles**

*First place, Best Poster Award (Sponsor: Neurotoxicology Specialty Section. SOT 52nd Annual Meeting; March 10-14 2013, San Antonio, TX)*

### **Kevin Kumar**

#### **Vanderbilt University**

*Third place, Best Poster Award (Sponsor: Neurotoxicology Specialty Section. SOT 52nd Annual Meeting; March 10-14 2013, San Antonio, TX)*

### **Jinyoung Lee**

#### **Purdue University**

*Korean Toxicologists Association in America (KTAA) SIG Young Soo Choi Student Scholarship Award (Sponsor: Korean Toxicologists Association in America (KTAA) (Young Soo Choi Student Scholarship Fund of the SOT Endowment))*  
*Andrews/Blosser Environmental Travel Grant (Sponsor: Purdue University Graduate School)*  
*Purdue Graduate Student Government (PGSG) Travel Grant (Sponsor: Purdue Graduate Student Government)*

### **Ji-Eun Seo**

#### **Korea Institute of Science and Technology (KIST), University of Science and Technology**

*Graduate Student Travel Support Award (Sponsor: SOT Awards Committee)*

### **Hector Rosas Hernandez**

#### **Universidad Autonoma de San Luis Potosi, SLP, Mexico**

*BRO International Travel Grants (January-June 2014) (Sponsor: International Brain Research Organization)*

## Postdoctoral Poster Awards:

### **Karen Streifel**

#### **University of California, Davis**

*First Place Poster Postdoctoral Award, (Sponsor: Neurotoxicology Specialty Section. SOT 52nd Annual Meeting; March 10-14 2013, San Antonio, TX)*

### **Jessica Plavicki**

#### **University of Wisconsin at Madison**

*First place: Art of Science Calendar Contest (Sponsor: Aquaneering, Inc)*

### **Ebany Martinez-Finley**

#### **Mind Research Network**

*NIH Loan Repayment Award (Sponsor: National Institutes of Health (NIEHS))*

### **David Pamies**

#### **Johns Hopkins Bloomberg School of Public Health**

*The James G. Wilson Presentation Award (Sponsor: Teratology Society)*

### **Ingrid L Druwe**

#### **UNC-EPA Coop**

*CDI Innovative Research Grant Award (Sponsor: Cellular Dynamics International, Inc)*



## Listing of NTSS sponsored scientific programs at the 2014 Annual SOT meeting (4 Symposia and 4 workshops):

### Monday March 24

**9:15 AM -12:00 Noon, Room 124**

Symposium: Methylmercury's modes of action: new approaches to understanding an old problem. (p133)

**2:00 PM -4:45 PM, Room 122**

Symposium: Is neuroimmune crosstalk important to neurotoxicology? Critical insight from animal and human studies. (p195)

### Tuesday March 25

**9:00 AM -11:45 AM, North Ballroom 120D**

Workshop: Application of the adverse outcome pathway (AOP) concept to neurotoxicology: a challenging approach. (p204)

**1:30 PM -4:15 PM, Room 121**

Workshop: The promise of translational imaging in nonclinical safety assessment. (p268)

### Wednesday March 26

**9:00 AM -11:45 AM, Room 122**

Symposium: Molecular mechanisms involved in neuro/glial toxicity: from oxidative stress to redox signal transduction. (p272)

**1:30 PM -4:15 PM, North Ballroom 120A**

Workshop: Is manganese-induced Parkinsonism mediated via dopamine neuron degeneration or dysfunction? (p331)

**1:30 PM -4:15 PM, Room 129**

Workshop: Advances in the application of imaging technologies to developmental toxicology. (p328)

### Thursday March 27

**9:00 AM -11:45 AM, North Ballroom 120B**

Symposium: Neurobehavioral impacts of early-life manganese exposure: linking human and animal model studies. (p353)

**Please renew your NTSS membership:**

<http://www.toxicology.org/script/loginredirect1.asp?page=dues>

We look forward to seeing all of you at our SOT NTSS Business Meeting and Reception, Wednesday, March 26 from 6:00-7:30 PM in the Sheraton Downtown Phoenix Hotel in room Valley of the Sun D-E.

Have a safe trip to Phoenix.

Best wishes,

**Anumantha Kanthasamy, Ph.D.**  
**President, NTSS**