

NTSS NEWS

OFFICIAL NEWSLETTER OF THE NEUROTOXICOLOGY SPECIALTY SECTION



MESSAGE FROM THE PRESIDENT

Alison Bernstein, PhD

Dear NTSS Members,

Thank you so much for your continued support and membership. I am looking forward to seeing many of you at the upcoming SOT Annual Meeting in Orlando and hope you will join us for the NTSS reception (**Tuesday, March 18, 6:00-7:30 PM**). This year, we are delighted to announce that we have awarded the Distinguished Neurotoxicologist Award to Dr. Theodore Slotkin. This newsletter describes the many opportunities to celebrate and connect with the NTSS members and to support our trainees. Please use it to help organize your schedules so you don't miss out on these amazing NTSS-sponsored events.

This year NTSS has five sponsored sessions. Thank you to all who submitted and organized sessions. Submissions for 2026 will open in April. Start brainstorming during the upcoming SOT meeting to develop sessions for next year!

We had a total of 11 members run for four open positions. Thank you to all who were willing to serve.

This year, we have awarded four Toshio Narahashi Travel awards. Thank you to the members who donated to the Toshio Narahashi Endowment Fund, which supports these awards.

Finally, our trainee Toshio Narahashi poster award competition is one of our most important activities at SOT. We always need more judges! Our judges are critical in identifying the most outstanding poster presentations and providing scientific feedback to our trainees. Please see the section on poster judges and volunteer for this important trainee activity. The competition will be held Monday afternoon immediately following the afternoon poster session, and winners will be announced at the NTSS reception on Tuesday evening. We also thank the sponsors of our 1st place awards, Neurocrine Biosciences and Elsevier.

I hope you will enjoy reading about all our activities and accomplishments of the past year! Safe travels and see you in Orlando!

Alison Bernstein

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2025 DISTINGUISHED
NEUROTOXICOLOGIST:

**DR. THEODORE
SLOTKIN**

DUKE UNIVERSITY

2024 TOSHIO NARAHASHI POSTDOC POSTER AWARD WINNERS

Sponsored by Neurocrine Biosciences

1st place - Dr. David Leuthold

Mentor: Dr. Tamara Tal

Helmholtz Centre for Environmental Research

2nd place - Dr. Janine Cubello

Mentor: Dr. Marissa Sobolewski-Terry

University of Rochester

3rd place - Dr. Emily Pitzer

Mentor: Dr. David Herr

U.S. Environmental Protection Agency



2024 TOSHIO NARAHASHI GRAD STUDENT POSTER AWARD WINNERS

Sponsored by Elsevier

1st place - Ashely Adamson

Mentor: Dr. Briana De Miranda
University of Alabama Birmingham

TIE - 2nd place - Jeremy MacMahon

Mentor: Dr. Pamela Lein
University of California Davis

TIE - 2nd place - Pedro Bernadino

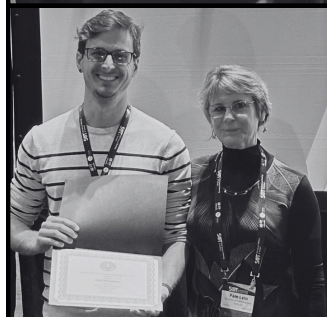
Mentor: Dr. Pamela Lein
University of California Davis

TIE - 3rd place - Yuan-Teng Chang

Mentor: Dr. Anumantha Kanthasamy
University of Georgia

TIE - 3rd place - Neda Illieva

Mentor: Dr. Briana De Miranda
University of Alabama Birmingham



2025 TOSHIO NARAHASHI TRAVEL AWARD WINNERS

Postdoc - Dr. Rebecca Somach

Mentor: Dr. Eva-Maria Schoetz Collins
Swarthmore College

Postdoc - Dr. Umamaheswari Sathisaran

Mentor: Dr. Jennifer L. Freeman
Purdue University

Graduate Student - Monica Carbajal

Mentor: Dr. Helen J.K. Sable
University of Memphis

Graduate Student - Ji-Hang Yin

Mentor: Dr. Katharine A. Horzmann
Auburn University

2025 NTSS SPONSORED SESSIONS

Workshop Session

Neurotoxicology and Brain Health: Outcomes of Nanoparticles

Monday, March 17, 2025

9:15 AM - 12:00 PM

Endorsed by: NAMSS, NTSS, IRSS

Symposium Session

Diving Deeper into Mechanisms of Neurotoxicity: Integrating Molecular, Behavioral, Pathological, and Imaging Assessments in Zebrafish Neurotoxicology Studies

Monday, March 17, 2025

1:45 PM - 4:30 PM

Endorsed by: NTSS, CTPVSS

Workshop Session

Navigating CNS Toxicity Prediction: Insights from Case Studies on Preclinical and Clinical Correlations

Tuesday, March 18, 2025

8:00 AM - 10:45 AM

Endorsed by: NTSS, CTPVSS, BTSS

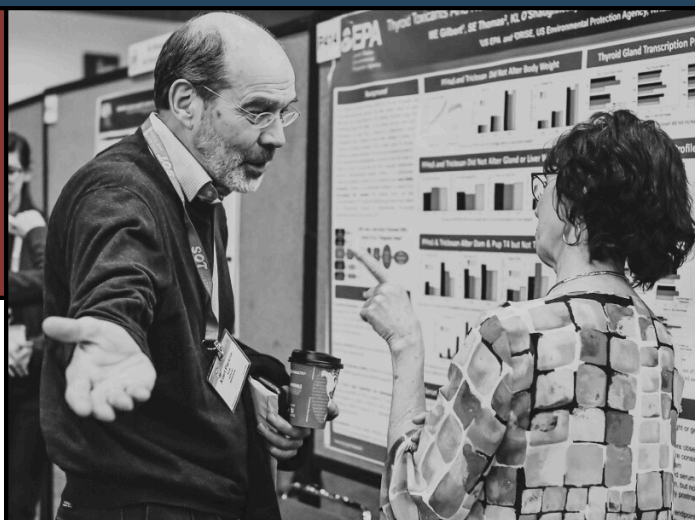
Symposium Session

Behavioral Testing: Novel Strategies and Approaches to Maximize Translational Value, Reproducibility, and Rigor

Tuesday, March 18, 2025

1:00 PM - 2:30 PM

Endorsed by: NTSS, WIT SIG, RDTSS



THANK YOU 2024 POSTER JUDGES!

| | |
|----------------------|----------------------|
| Aaron Bowman | Shreesh Sammi |
| Deborah Cory-Slechta | Luke Liu |
| Chris Curran | Paige Mundy |
| Briana De Miranda | Yi-Hua Tsai |
| Jon Doorn | Xiuzhen Liu |
| Nick Filipov | Megan Culbreth |
| Mary Gilbert | Matthew Havrda |
| David Herr | Keith Morris-Schafer |
| Muhammad Hossain | Andrew Ottens |
| Stephen Lasley | Johnny Wise |
| Pam Lein | William Slikker |
| Bhaja Padhi | Chris Vulpe |
| Marcia Ratner | Fiona Harrison |
| Lindsay Michalovicz | Tauqeer Syeda |
| Jason Cannon | Laura Patrone |
| Kristen Ryan | Isha Mhatre-Winters |
| Marissa Sobolewski | Judit Marsillach |
| Tim Shafer | Kimberly Kelly |
| Anna Kreutz | Joshua Harrill |
| Davie Walker | Jeremy Chambers |
| Alison Bernstein | Laura Carlson |
| Oluwakemi Oyetade | Carolyn Klocke |
| Melissa Martin | Souvarish Sarkar |

WE ARE NOW SOLICITING 2025 SOT POSTER JUDGES!

Please e-mail edlevin@duke.edu

*Judging will occur at SOT on
Monday, March 17th, 2025
from 4:30-5:30 PM*

NEW FOR 2025: NTSS NeuroUP Showcase

This year we are piloting a new initiative called the "**Neurotoxicology Undergraduate Posters (NeuroUP) Showcase**" which will provide undergraduate students/post-bacc trainees a guaranteed poster presentation listener during their session and may even facilitate mentoring and/or follow-up conversations related to career trajectory/training opportunities in neurotoxicology! See the details below if you are interested in participating either as a trainee or poster reviewer:

Eligibility: Must be currently enrolled as an undergraduate student or actively completing a formal post-baccalaureate training program. Poster reviewers may be any faculty/PI, postdoc, senior graduate trainee, or other terminal degree holder in non-traditional academic roles.

Purpose: To highlight the research being done by undergraduate/post-baccalaureate trainees and provide networking opportunities with current NTSS members. This showcase also has the potential to facilitate matching laboratories seeking to recruit new students with applicants actively preparing to enroll in graduate education/training programs.

Instructions for trainees: Submit your accepted poster abstract to the new NeuroUP Showcase, a chance for you to grow your network and engage with current NTSS members by practicing presenting your scientific work with senior toxicologists. E-mail adam.schuller@colostate.edu with your accepted poster abstract and session date/time.

Instructions for poster listeners: Submit your availability to attend a poster session(s) to allow undergraduate/post-baccalaureate attendees the chance to present their research and discuss the potential for career/mentoring/follow-up conversations (no formal requirement for the latter). E-mail adam.schuller@colostate.edu with dates/times during which you could visit a poster for 5-10 minutes throughout the SOT Annual Meeting and the number of posters you are willing to visit. Based on this availability, you will receive a follow-up communication with an assignment of 1-3 posters to attend, providing the trainee with a chance to present their work and allowing time to discuss career/mentoring possibilities as they organically transpire.

WE ENCOURAGE NTSS MEMBERS TO SIGN UP FOR MENTOR MATCH!

Mentor Match is a user-driven online searchable database that facilitates the establishment of mentoring relationships. You can find more information and sign up through [ToXchange](#).

*** New this year at the Annual Meeting **
SOT is providing "The Mentorship Lounge"
7:00 AM - 4:00 PM Monday, Tuesday, and Wednesday*

2025 NTSS MEMBERS SOT AWARDS



Arnold J. Lehman Award
Dr. David C. Dorman

North Carolina State University



Founders Award for Outstanding
Leadership in Toxicology

Dr. Marion F. Ehrich

*Virginia-Maryland College of Veterinary
Medicine*



Leading Edge in Basic Science Award

Dr. Robyn Leigh Tanguay

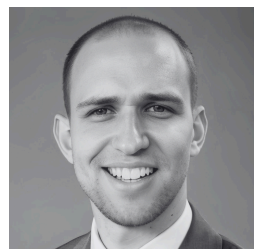
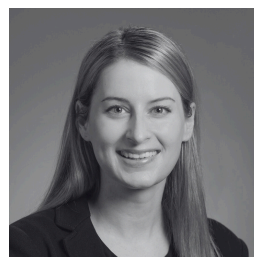
Oregon State University

THANK YOU TO OUR NTSS DONORS!

Neurocrine Biosciences and Elsevier: Sponsors of the 2025 NTSS Poster Presentation Awards

We invite all members to consider supporting (or continuing your generous support) of the Neurotoxicology Specialty Section through the SOT donation portals. You can show your support for NTSS in two ways – the **NTSS Operations Fund** and the **Toshio Narahashi Neurotoxicology Fellowship Award Fund**. Your donations to the NTSS Operations Fund support conference activities such as those at the annual NTSS reception each year at SOT. To donate directly to NTSS Operations Fund, [follow this link](#) and select NTSS in question 18. Your donations to the Toshio Narahashi Neurotoxicology Fellowship Award Fund help support trainee travel grants and poster awards. To donate to the Endowment Fund, [follow this link](#) and select Toshio Narahashi Neurotoxicology Fellowship Award Fund in the list. You can also find links on the SOT support page: <https://www.toxicology.org/support.asp>

We appreciate your continued involvement and support of NTSS!



2024-2025 NTSS EXECUTIVE OFFICERS

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Dr. Muhammad Hossain
Vice President

Dr. Ronald Tjalkens
Vice President-Elect

Dr. Briana De Miranda
Secretary/Treasurer

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Past President/Councilor

Dr. Megan Culbreth
Councilor

Dr. Edward Levin
Councilor

Jessie Badley
Graduate Student Representative

Dr. Adam Schuller
Postdoctoral Representative

Dr. Jason Cannon
Previous Past President

Dr. Pamela Lein
*Toshio Narahashi
Endowment Fund
Steward*