



ANNUAL REPORT: 2019-2020

May 1, 2019 to April 30, 2020

1. Officers/Committees:

Officers	2019-2020	2020-2021
President:	Lisa D. Beilke	David Szabo
Vice President:	David Szabo	Catrin Hasselgren
Vice President-Elect:	Catrin Hasselgren	Nigel Greene
Secretary:	Joel Cohen	Joel Cohen
Treasurer:	Mark Gosink	Kevin Cross
Past President	David R. Woolley	Lisa D. Beilke
Councilors:	Nigel Greene	MinJun Chen
	MinJun Chen	Patricia Ruiz
PDA Representative:	n/a	David Edmonton
GSLC Representative:	Fjodor Melnikov	TBD

Committees: Executive committee (chair: Lisa Beilke), Awards committee (chair: Minjun Chen), nominations committee (chair: Lisa Beilke), Website Liaison (Joel Cohen), Outreach Liaison (chair: Nigel Greene), membership outreach (chair: Catrin Hasselgren), Endowment Fund (David Szabo), Symposia (Nigel Green), Webinars (David Szabo, Catrin Hasselgren)

II. 2019 Membership Total: 186

III. Key Outcomes in 2019-2020:

Activities:

2020 SOT Annual Meeting Reception

- The SOT annual meeting in Anaheim, CA was cancelled due to COVID-19.
- In lieu of the annual CTSS luncheon, the Executive Team prepared and sent out an email to all members with the updates that would have normally been presented at the luncheon. Topics covered:
 - Membership
 - Total number CTSS members = 234
 - 2020 Election Results
 - Vice President-Elect = Nigel Greene
 - Treasurer = Kevin Cross
 - Councilor = Patricia Ruiz
 - Postdoctoral Rep = David Edmonson
 - The term for newly elected officers starts May 1, 2020.
 - Finances

- This year the CTSS received \$11,500 in financial support from Pfizer, Inc., Leadscope, Inc., Lhasa Limited, and MultiCASE Inc.
 - Additionally, Dr, Nigel Greene was thanked for donating his stipend from his Continuing Education course at last year’s meeting.
 - Because of this generosity, the CTSS was able to give out \$4500 in awards.
 - After expenses, the CTSS still has a balance of over \$15K. Unfortunately, part of this financial success was due to the lack of SOT meeting expenses.
- Awards
 - The winner of CTSS Pfizer Student Travel Award was Dr. Mary Schleiff from University of Arkansas for Medical School for the SOT abstract “Bioactivation of halogenated aromatic drugs as a precursor to drug-induced hepatotoxicity”. The awardee will receive \$750 fund for travel cost with an additional monetary prize of \$500.
 - The winner of CTSS Pfizer Postdoctoral Travel Award was Dr. Zhenzhen Shi from Emory University for the SOT abstract “Computational Identification and Analysis of Nonmonotonic Concentration Responses in Tox21 Estrogen Receptor Assays”. The awardee will receive \$750 fund for travel cost with an additional monetary prize of \$500.
 - The winners of the CTSS Pfizer Paper of the Year Award were Kapil Khadka, Minjun Chen, Zhichao Liu, Weida Tong, Dong Wang for their publication titled as “Integrating Adverse Outcome Pathways (AOPs) and High Throughput In Vitro Assays for Better Risk Evaluations, a Study with Drug-Induced Liver Injury (DILI)”. The awardee will receive \$750 fund for travel cost with an additional monetary prize of \$750.
 - Due to cancellation of the annual SOT 2020 meeting in Anaheim CA, awards will be provided in full to awardees at the SOT 2021 annual meeting in Orlando FL, per SOT guidance.
- Endowment
 - The winner of the first Yves Alarie Diversity Award for Trainees and Young Investigators was Sara M. Vliet for the abstract titled “A Weight-of-Evidence Approach for Androgen Receptor Conservation Across Vertebrate Species”. Dr. Vliet is currently a postdoctoral fellow at Great Lakes Toxicology & Ecology Division, Center for Computational Toxicology & Ecology, U.S. Environmental Protection Agency.
- Webinars
 - The CTSS successfully hosted four webinars during 2019-2020.
 - The first webinar was presented by Glenn Myatt, Leadscope, and Donna MacMillan, Lhasa on the topic “Computational Toxicology Methods and Approaches”.
 - The second by Naomi Kruhlak, FDA CDER on “US FDA Experience in the Regulatory Application of (Q)SAR Modeling”.

- Both webinars were highly attended with approximately 400-500 participants calling in.
- The third was initiated by CTSS and co-hosted with Risk Assessment Specialty Section by Steve Gutsell of Unilever on Computational Approaches in Next Generation Risk Assessment of Consumer Products.
- The fourth was initiated by CTSS and co-hosted with Drug Discovery Toxicology Specialty Section by Nigel Greene, Astra Zeneca, Artificial Intelligence in the Design of Safer Medicines – Science or Science Fiction?

Other Activities

- CTSS Proposed Webinar Series: actively working to identify 4 webinar topics and speakers
- CTSS Endorsed Symposia

Pre-Review: 10 sessions requested CTSS pre-Endorsement Review. All received timely feedback from CTSS Pre-Review Committee.

Official Endorsement: Following review of 12 proposals for various symposia, CE/Informational sessions, and workshops, the CTSS Symposium Committee determined primary endorsement of the following symposia:

1. SYM-22: Industrial Application of Artificial Intelligence in Toxicology
 2. SYM-10: Application of Computational genomic Approaches to Address Toxicity Mechanisms and Predictions
- The CTSS will hold their annual luncheon meeting at the 2021 SOT Annual Meeting in Orlando, FL.