

ANNUAL REPORT: 2018-2019 May 1, 2018 to April 30, 2019

1. Officers/Committees:

Officers	<u>2017-2018</u> (Organizing Committee)	<u>2018-2019</u> (Organizing Committee)
President:	David R. Woolley	David R. Woolley
Vice President:	Lisa D. Beilke	Lisa D. Beilke
Vice President-Elect:		David Szabo
Secretary:		Sudin Bhattacharya
Treasurer:		Mark Gosink
Past President		
Councilors:		Minjun Chen
		Catrin Hasselgren
		Nigel Greene
PDA Representative:		David Faulkner
GSLC Representative:		Fjodor Melnikov

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)

2. Activities:

2019 SOT Annual Meeting Reception was held in Baltimore, MD.

- Approximately 100 people were in attendance. Dr. Woolley called the meeting to order at 12:00 noon on 13th of March. The CTSS Executive Team presented slides on the following agenda items:
- Welcome – David W
- Thank you's to the organizing committee and those who were instrumental in setting up the CTSS, and a special thank you to our sponsors:
 - Lhasa Limited
 - Leadscope
 - AstraZeneca
 - SimulationsPlus
 - Genentech
- Membership - Lisa
 - Currently at 189 members

- Membership by sector shows most members are from industry, followed by academia, government, software manufacturers, consultants.
- Financial Summary – Mark
 - Initial seed funds - SOT
 - Dues + Interest
 - Donations / Expenses
- Endowment Fund - David S
 - Plan to initiate endowment fund
 - Yves Alarie Endowment Fund set up is in progress
- Symposia Ideas – Nigel
 - Request for symposia ideas
- CTSS Webinar Series – Catrin/David S
 - Proposals requested for 2019-2020
- Awards – David S

Three awards were given this year:

1. AstraZeneca Student Travel Award (\$750) + travel
Given to David A. Edmondson (Purdue University)
SOT abstract: “Whole-brain R1 Mapping Predicts Mn Accumulation In The Human Brain: A Support Vector Machine Approach”
 2. AstraZeneca Postdoctoral Travel Award (\$750) + travel
Timothy E H Allen (Univ. of Cambridge, UK)
SOT abstract: “Combining Structural Alerts and Machine Learning Algorithms to Predict Human Molecular Initiating”
 3. Paper of the Year Award (\$1500)
John F. Wambaugh, Michael F. Hughes, Caroline L. Ring, Denise K. MacMillan, Jermaine Ford, Timothy R. Fennell, Sherry R. Black, Rodney W. Snyder, Nisha S. Sipes, Barbara A. Wetmore, Joost Westerhout, R. Woodrow Setzer, Robert G. Pearce, Jane Ellen Simmons, and Russell S. Thomas, “Evaluating In Vitro-In Vivo Extrapolation of Toxicokinetics”, *Toxicological Science*, 2018, 163(1): 152-169.
- The meeting was called to an end at 1:00 PM.

3. Other Activities

- CTSS Proposed Webinar Series
 1. Title: Computational Toxicology Methods and Approaches
Speakers: Donna MacMillan, Lhasa & Glenn Myatt, Leadscope
 2. Title: Computational Methods in Next-Generation Risk Assessment of Consumer Products
Speakers: Steve Gutsell, Unilever
 3. Title: US FDA Experience in the Regulatory Application of (Q)SAR Modeling
Speakers: Naomi Kruhlak, FDA CDER
 4. Title: TBD
Speakers: Nigel Greene, AstraZeneca
 5. Title: Big Data & Artificial Intelligence - a new kid on the block in toxicological safety sciences
Speakers: Thomas Hartung at JHU
- CTSS Endorsed Symposia

Following review 11 proposals for various symposia, CE/Informational sessions, and workshops, the CTSS Symposium Committee determined primary endorsement of the following symposia:

1. SYM-25: Mechanistic Read-Across of Chemical Toxicants Based on Big Data, Artificial Intelligence, and Critical Validations
 2. SYM-10: Dealing with Uncertainties in Novel Approach Methods (NAM) – based Safety Testing
- The CTSS will hold their annual luncheon meeting at the 2020 SOT Annual Meeting in Anaheim, CA.