

Exposure Specialty Section

ANNUAL REPORT: 2021–2022

May 1, 2021 to April 30, 2022

I. Officers/Committees

Officer	2021–2022	2022–2023
President:	Elke Jensen	Mansi Krishan
President-Elect/Vice President:	Mansi Krishan Caroline Ring	Christine Whittaker Neha Sunger
Secretary/ Treasurer:	Dingsheng Li	Dingsheng Li
Past President:	Barbara A. Wetmore	Elke Jensen
Councilors:	Azita K. Cuevas	Michelle R. Embry
	Michelle Embry	Judy LaKind
Postdoctoral Representative:	Marci G. Smeltz	Vrinda Kalia
Vice Postdoctoral Representative:	Vrinda Kalia	Catherine F. Wise
Graduate Student Representative:	Sam Hall	Sam Hall

Committees, if applicable:

II. 2021 Membership total: 147

III. Key Outcomes in 2021–2022:

- A. Endorsed of multiple SOT Annual Meeting sessions
- B. Sponsored or co-sponsored public webinars related to exposure science

IV. Activities

A. SOT Annual Meeting Activities (e.g., courses, scientific sessions, receptions):

The SOT ESS executive committee sponsored an open lunch business meeting at the Annual Meeting. The in-person meeting facilitated an active dialogue with the membership that discussed future plans and initiatives. Other activities included an introduction of newly elected officers, financial and membership updates, highlights on upcoming activities, and an award ceremony.

Sponsored sessions at the annual meeting:

A Holistic View of the Impacts of Climate Change, Mon. March 28th 9:15a-12p

This Is Your Brain on Mixtures: Neurodevelopmental Effects of Combined Exposures, Mon. March 28th 1:45p - 4:30p

Application of Next-Generation Risk Assessment Principles for Decision-Making, Tues. March 29th 3:00p – 4:30p

Challenges with the TSCA Risk Evaluation Assessments of Occupational Exposures, Worker Health and Safety, and Risk, Wed. March 30th 11:00a – 12:20p

Tools for Modernizing Ecological Risk Assessment, Wed. March 30th 1:30 - 4:30p

PFAS Sum versus Some? The Science and Policy of Mixtures, Thurs. March 31st 8:30a - 11:15a

The Use of Alternative Methods to Assess Chemical Toxicity and Risk in Military and Aerospace Exposure Scenarios, Thurs. March 31st 8:30a - 11:15aa

B. 2022 Awards Information:

1. 1st place Publication: Z Stanfield et al., 2021. Mining of Consumer Product Ingredient and Purchasing Data to Identify Potential Chemical Co-exposures
2. 2nd place Publication (presented at ESS business meeting): Li et al., 2021. Development and Evaluation of a Holistic and Mechanistic Modeling Framework for Chemical Emissions, Fate, Exposure, and Risk
3. 1st place poster C. Hamaji et al, a Risk assessment of Inorganic Mercury Rental Toxicity from Application of Skin Lightening Prodducts from Multiple countires: an Update
4. 2nd place poster: D. Dawson et al, "A Scientific Workflow to Estimate Non-Occupational 1,4-Dioxane Exposure Pathways From Drinking Water And Product Use"

C. Other Educational Activities Conducted (e.g., webinars, in-person meetings):

No additional educational activities conducted

D. Communication Activities:

1. Newsletter publication frequency: two newsletters/year
2. New or significant announcements/blogs: no blog
3. Highlights of website enhancements: Updated mission statement, by-laws, and general updates (officers etc)

E. Mentoring Activities: No specific activities in 2020-21

V. **Feedback and Ideas:**

- A. In what ways is your group fostering and maintaining an inclusive environment? Please give examples of any current practices used to support inclusion in processes such as 1) leadership selection and promotion, 2) award descriptions and selection, and 3) endorsement of proposals for the annual meetings.

The ESS EC conducted a poll amongst the Section membership to find out topics of interest, recruit reviewers, and solicit input how the EC can better serve the membership

- B. How might SOT better support your group's activities (perhaps something the Society should be doing that we currently do not do, or do not do effectively, that would be of importance/benefit to the members of your component group?):

Note: If funding is listed, please provide detail on the membership need that the funding would support.

ExpoSS membership and fundraising committees are working towards developing ideas for retaining existing members and expanding membership, identifying and contacts (names, contact information) for sources of potential funding for awards, travel costs, supporting costs for Exposure SS reception at SOT and would appreciate SOTs assistance.

- C. What is one thing that the Society is currently doing that impacts your component group that should be changed (e.g., stopped, modified, etc.)?

It would be helpful if SOT can share suggestions/recommendations with smaller/relatively new specialty sections on how to increase membership and raise funds to help sustain SS activities.

- D. What changes do your component group anticipate making in the way in which it operates in the coming year?

Expand outreach, develop additional Awards to foster participation for students and other potentially under-resourced researchers