

Inhalation and Respiratory Specialty Section

ANNUAL REPORT: 2021–2022

May 1, 2021 to April 30, 2022

I. Officers/Committees

<u>Officer</u>	<u>2021–2022</u>	<u>2022–2023</u>
President:	Judith T. Zelikoff	Melanie L. Doyle-Eisele
President-Elect/Vice President:	Melanie L. Doyle-Eisele	Kymberly M. Gowdy
Secretary/ Treasurer:	Kymberly M. Gowdy	Laura Van Winkle
Past President:	Meghan Rebuli	Meghan Rebuli
Councilors:	Irfan Rahman	Judith T. Zelikoff
	Holger P. Behrsing	Patricia Silveyra
	Natalie M. Johnson	Natalie M. Johnson
	Marusia Popovetch	Katie E. Zychowski
	Robert M. Tighe	Robert M. Tighe
Postdoctoral Representative:	Thivanka Muthumalage	Emma Karey
Graduate Student Representative:	Michael Yaeger	Michael Yaeger

Committees, if applicable:

II. 2021 Membership total: 384

III. Key Outcomes in 2021–2022:

- A. Organized and successfully presented three diverse Webinars
- B. Developed a membership survey to collect membership ideas and comments and recruit members for committees and executive office.
- C. By-Laws update

IV. Activities

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

Symposia:

- “Safe and Sustainable Plastics: Can the Health Impact Be Reduced and Plastic Still Used” 3/29/2022, 8-10:45 AM PST, CC Ballroom 6B
- “Lung Lipids in Xenobiotic-Induced Tissue Injury and Disease Pathogenesis” 3/31/2022

Workshops:

- “Bad Breath: Noninvasive Investigation into the Exhaled Biomarkers for Toxicological Research” 3/28/2022
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Hot Topic Session:

- “G.R.A.S. Is Not Always Greener and Is Not Always Safer: The Cardiopulmonary Toxicity of Solvents and Flavorants of Electronic Nicotine Delivery Systems (ENDS). What is the FDA Missing in 2021 Deeming Rules?” 3/30/2022

B. 2022 Awards Information:

1. **Avinash Kumar, et. al. 2021: Paper of the Year Award, Louisiana State University**
2. **Cody Smith: Post-doctoral Award, Rutgers University**
3. **Stephanie Brocke: Mary Amdur Award, University of North Carolina (UNC), Chapel Hill**
4. **Elise Hickman: Graduate Student Award, UNC, Chapel Hill**
5. **Satya Achanta: Don Gardner Award, Duke University**
6. **Salik Hussain: Young Investigator Award, West Virginia University**
7. **Ian Gilmour: Career Achievement Award, USEPA**

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

WEBINARS (4):

1. **Summer 2021: *Intersection of environmental justice, air pollution & climate change: We are all in this together!***
2. **Winter 2022: *Role of inhaled pollutants in risk of pathogenic infections.***
3. **Winter 2022: *Introduction to extracellular vesicles and their role in respiratory toxicology.***
4. **Summer 2022: *Wildfires and the urban interface***
ANNUAL MEETING RECEPTION:
Zoom Meetings for executive body (6x/year)

D. Communication Activities:

1. **Newsletter publication frequency: 2x/year is the goal however in 2021-2022 only 1 newsletter was released**
2. **New or significant announcements/blogs: *By-Laws change; Membership survey; webinar blogs***
3. **Highlights of website enhancements: *For each of the four webinars presented between summer 2021 and summer 2022, the attendance was excellent and ranged between 44-160. Many positive feedback comments for each and all had a number of questions in response to the presentations. Titles of presentations are in C (above). The most well-attended was "Introduction to extracellular vesicles"***

E. Mentoring Activities:

1. **A successful mentoring activity was offered at the Annual Meeting Reception with ~15 students attending and 25 mentors.**

2. Requests for mentors were highlighted in the IRSS survey and a number of people responded; we will reach out to them for 2023 mentoring events.

F. (Regional Chapters only) Activities Supporting Undergraduate Students:

1. Many of our IRSS members served as mentors and speakers for CDI meeting
2. Many of our IRSS members were engaged in undergraduate diversity programs
3. Many participated in mentor-match activities

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.

We encourage inclusive leadership, by openly-urging and inspiring members of Color and minority populations to join and engage our SS. Our Webinar guests are diverse in ethnicity, sex, as well as geography. We encourage diverse populations to join IRSS committees and our survey distributed in 2021 (first of its kind for IRSS), wished to better understand where our SS stands regarding diverse populations and women. We are in the process of developing a DEI sub-committee for our SS. In 2021, a Workshop sponsored by IRSS was given that concerned environmental injustice through the lens of a toxicologist, which included a Native American speaker and three SOT scientists of Color. In 2022, two members of the IRSS sponsored a Workshop on lead that included a community member from Flint.

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.

1. *More time availability for Webinars for each SS*
2. *More flexibility as to where to hold meetings for sessions during the Annual meeting*
3. *Financial support for building DEI within the IRSS*

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.)?

1. *Reduction in cost for reception, food, projector screen, chairs etc. Perhaps separate the cost of projector and screen and not be forced to get the package deal; many of the SS can bring their own projector. More 'green' options for the meeting in general.*

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

1. *Increasing mentorship activities and enhance mentor match*
2. *Bring back raffle and journal club*
3. *Update yearly survey*

D. 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.

1. *Greater advertisements/publicity for SOT members to join SS and possible incentives.*
2. *Greater collaborations with sister societies, i.e., American Thoracic Society; International Society for Exposure Science, International Society of Environmental Epidemiology.*