

Inhalation and Respiratory

ANNUAL REPORT: 2022–2023

May 1, 2022 to April 30, 2023

I. Officers/Committees

Officer

President:

Vice President:

Vice President-Elect:

Secretary/Treasurer:

Past President:

Councilors:

Postdoctoral Representative:

Graduate Student Representative:

2022–2023

Melanie Doyle-Eisele

Kymberly Gowdy

Laura Van Winkle

Meghan Rebuli

Judith Zelikoff

Natalie Johnson

Patricia Silveyra

Robert Tighe

Katie Zychowski

Emma Karey

Michael Yaeger

2023–2024

Kymberly Gowdy

Laura Van Winkle

Christopher Reilly

Jennifer Larson-Casey

Melanie Doyle-Eisele

Nikaeta Sadekar

Patricia Silveyra

Todd Stueckle

Katie Zychowski

Emma Karey

Marissa Guttenberg

Committees:

Awards:

Laura Van Winkle

Chris Reilly

Program:

Kymberly Gowdy

Laura Van Winkle

Chris Reilly

Mentoring and

Networking:

Katie Zychowski

Natalie Johnson

Emma Karey

Marissa Guttenberg

Michael Yaeger

Kymberly Gowdy

Membership and

Endowment:

Meghan Rebuli

Jennifer Larson-Casey

Nominating:

Judith Zelikoff

Melanie L. Doyle-Eisele

Webinar:

Robert Tighe

Katie Zychowski

Patricia Silveyra

Technical Committee:

Emma Karey

Michael Yaeger

Marissa Guttenberg

Development Committee:

Robert Tighe

Patricia Silveyra

Todd Stueckle

Judith Zelikoff

Nikaeta Sadekar

I. 2022 Membership total: 364

II. Key Outcomes in 2022–2023:

- A. We increased the number of student awards. The IRSS was able to award 2 Mary Amdur Awards and included 2 honorable mentions for the Student Award. The IRSS also added a new award, the SCIREQ & Inhalation and Respiratory Specialty Section Award.
- B. Successfully programmed 3 Symposia, 2 workshops, and 1 Continuing Education for the 2023 SOT Meeting.

I. Activities

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

Symposia:

- “House on Fire: Chemistry and Toxicology of Structural Fire Smoke at the Wildland Urban Interface”
3/20/2023, 9:15-12 PM CST, Karl Dean Ballroom A1
- “It’s Getting Hot: Extreme Heat Events and Disparate Health Impacts, Perceptions, and Vulnerability”
3/21/2023 3-4:30 PM CST, Karl Dean Ballroom A1
- “Refining Inhalation Risk Assessments by Integrating New Approach Methodologies”
3/23/2023 8:30-11:15 AM CST, Room 207B

Workshops:

- “Current Perspective on Environmental Chemicals and Their Role in Initiating and Exacerbating Cardiovascular Disease”
3/21/2023 8-10:45 AM CST, Karl Dean Ballroom A2
- “Developing Human-Relevant New Approach Methodologies to Measure Key Events in Pulmonary Adverse Outcomes: Focus on Chronic Endpoints”
3/21/2023 8-10:45 AM CST, Karl Dean Ballroom A1

Continuing Education PM11:

- “Inhalation Drug Development: Back to Basics”
3/19/2023, 1:15-5 PM CST

B. 2023 Awards Recipients:

1. Skye Kelty, et. al.: 2022 - Paper of the Year Award, University of California, Davis
2. Dorothy You: Post-doctoral Award, University of California, Davis
3. Aiman Abzhanova: Mary Amdur Award, University of North Carolina (UNC), Chapel Hill
4. Vingie Ng: Mary Amdur Award, University of Iowa
5. Michelle Fiamingo: Student Award, UNC, Chapel Hill,
6. Charlotte A. Love: Student Award, Honorable Mention, UNC, Chapel Hill
7. Kayla Rae Farrell: Student Award, Honorable Mention, New York University
8. Morgan Domanico: Don Gardner Award, University of California, Davis

9. Jonathan Shannahan: Young Investigator Award, Purdue University
10. Irfan Rahman: Career Achievement Award, University of Rochester
11. Keith Rogers: SCIREQ & Inhalation and Respiratory Specialty Section Award, University of North Carolina

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

WEBINAR:

- Summer 2022: Wildfires and the Urban Interface
- Fall 2022: Overview of IRSS Awards
- Summer 2023: A Clinically Focused and Integrated Look at the Impact of Wildfire on the Cardiovascular-Pulmonary Systems

IN-PERSON MEETING:

- Annual Meeting Reception: estimated at 200 attendees
3/21/2023 5 PM CST

ZOOM MEETING:

- Monthly meeting for executive body (9x/year)

D. Communication Activities:

1. Newsletter publication frequency: 2x/year
2. Communication Highlights: IRSS Logo contest, Bylaws Revision Approved July 27, 2022
3. Highlights of website enhancements: For each of the two webinars presented between summer 2022 and summer 2023, the attendance was excellent and ranged between 44-153. There was positive feedback and comments for each and all had a number of questions in response to the presentations. Titles of presentations are listed above. The most well-attended was “A Clinically Focused and Integrated Look at the Impact of Wildfire on the Cardiovascular-Pulmonary Systems”

E. Mentoring Activities:

1. A successful mentoring activity was offered at the Annual Meeting Reception with ~34 students attending and 30 mentors. A mentoring survey was sent to attendees for feedback on the event.
2. Many of our IRSS members served as mentors and speakers for CDI meeting.
3. Many of our IRSS members were engaged in undergraduate diversity programs.
4. Many participated in mentor-match activities.

II. 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 underrepresented minority (URM) populations to join and engage our SS. Upon review of proposals for webinars, seminars, and workshops, in addition to evaluating scientific merit, we evaluate professional (geography, employer) and personal (ethnicity, sex) diversity. Lastly, we also have webinars planned for 2023-2024 that are based on understanding how socioeconomic status can affect biological responses to inhaled toxicants.

- B. What is one thing 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?
1. We would like to see improved communication regarding changes at the Annual Meeting. We had significant issues during our Annual Meeting and our mentoring workshop ahead of it.
 2. We want to see more time availability for Webinars for each SS.
 3. We want more flexibility as to where to hold meetings for sessions during the Annual Meeting.
- 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.)?

We need a reduction in the cost for reception items: food, projector screen, chairs etc. Perhaps separate the cost of projector and screen and not forced groups to get the package deal; many of the SS can bring their own projector. We want more “green” options for the meeting in general.