

NAME OF SPECIALTY SECTION Inhalation and Respiratory

ANNUAL REPORT: 2011-2012

May 1, 2011 to April 30, 2012

I. Officers/Committees:

| <u>Officers</u> | <u>2010-2011</u> | <u>2011-2012</u> |
|-----------------------|--------------------|----------------------|
| President: | Vincent Castranova | James Wagner |
| Vice President: | James Wagner | Michael Kleinman |
| Vice President-Elect: | Michael Kleinman | M Ian Gilmour |
| Secretary/Treasurer: | Dale Porter | Amy Lund |
| Past President | JeanClare Seagrave | Vincent Castranova |
| Councilors: | Flemming Cassee | Flemming Cassee |
| | Amy Madl | Aimen Farraj |
| | Jacob McDonald | Jacob McDonald |
| | Laura Van Winkle | Willie McKinney |
| PDA Representative: | Mehdi Hazari | Patti Zeidler-Erdely |
| GSLC Representative: | Christina Hickey | Christopher Carosino |

Committees:

Technical Committee, Harry Salem, Chair.

Program Committee, Mike Kleinman, Chair.

Awards Committee, Ian Gilmour, Chair.

II. Activities:

2012 SOT Annual Meeting Reception was held in San Francisco on March 12.

Approximately 200 people were in attendance. Dr. Wagner called the meeting to order at approximately 6:45PM.

Business Meeting Speaker: Dr. Dan Costa, who provided an historical perspective on the contributions of the Section over the last 30 years.

Meeting Minutes: see Attachment I.

Awards:

- Young Investigator – Jacob McDonald (Lovelace)
- Best Paper award: Mehdi Hazari (USEPA):
TRPA1 and sympathetic activation contribute to increased risk of triggered cardiac arrhythmias in hypertensive rats exposed to diesel exhaust. Environ Health Perspect. 2011 Jul;119(7):951-7. Coauthors: Haykal-Coates N, Winsett DW, Krantz QT, King C, Costa DL, Farraj AK.
- Mary Amdur Award: Alex Carll (U. North Carolina, Chapel Hill- EPA); Treadmill Stress Test After Diesel Exhaust Particulate Exposure Reveals a Time-Dependent Shift From Parasympathetic to Sympathetic Dominance, Abstract #1498.

- IRSS Student Award: Azita (AJ) Cuevas (NYU); Ni In Ambient PM Causes Microvascular Dysfunction via NO and NADPH Pathways, Abstract #1497.
- Best Post-Doctoral Abstract: Todd Stueckle (WVU:NIOSH). Phenotypic Anchoring of Subchronic Carbon Nanotube and Asbestos Exposure to Small Airway Epithelial Cells: Linking Toxigenomic and Neoplastic Transformation Responses. Abstract #1265.
- Career Achievement Award – Chet Leach (Lovelace)

2012 Officers Meeting was held in San Francisco on March 12.

Nine officers were present. Dr. Wagner called the meeting to order at approximately 6:30AM.

Meeting Minutes: see Attachment II.

2012 Technical Committee Meeting was held during the national SOT meeting on March 13. Dr. Dan Angelini, a Senior National Research Council Associate at the Edgewood Chemical Biological Center, provided an update on Stem Cells in Pulmonary Injury. The second presentation was given by Dr. Jan Moser, a Battelle contractor supporting the Chemical Security Analysis Center (CSAC) of the Department of Homeland Security (DHS) was on “Modeling the Public Health Consequences of Release and Dissemination of Toxic Chemicals.”

2012 SOT Annual Meeting Courses/Sessions:

Theme: Influences of Global Climate Change on Environmental Health Issues

Symposium Session: Emerging Mechanistic Targets in Lung Injury Induced by Combustion-Generated Particles, proposed and chaired by Andy Ghio and Marc Fariss.

Endowment Fund Details: The Mary Amdur Fund (85-009-1) balance as of December 30, 2011= \$47,626. A total of \$1000 was used to support the Mary Amdur and Postdoctoral Student Awards at the March 2012 Annual Meeting.

Newsletters: Two newsletters were published November 2011 and March 2012.

Teleseminars: none

White Papers: none

Contributions to SOT website: none

Other Specialty Section 2011-2012 Activities:

ATTACHMENT I

MINUTES - Inhalation and Respiratory Specialty Section Meeting/Reception
6:00 PM - 7:30 PM; Yerba Buena Salon 4 (Marriott Marques)

President Jim Wagner called the business meeting open at 6:30PM, made some opening comments, and led the membership in recognizing charter IRSS members who were present in Las Vegas at the first meeting in 1983.

Jim Wagner recognized the efforts of student rep Chris Carosino, who was most responsible for the work on the inhalation historical poster, and Patricia Zeidler-Erdely (post doc rep) who fashioned the Special Section poster.

Chris Carosino (student rep) reported on SOT student activities which included the Sunday night mixer and special meeting event for students, including post-docs. He indicated that an IRSS student newsletter will be initiated this year to keep trainees up to date.

Jake McDonald stood in for Treasurer Amie Lund to report on SS accounts. Balances of \$6733 in the general fund and \$42,839 in the Mary Amdur Student Award Fund were reported. Most of the general budget is used for annual meeting expenses, and 4% of the Amdur principal is available to fund the Amdur Student Award (\$500) and the Post-Doc Award (\$500) each year.

Harry Salem (chair, Technical Committee) provided a brief report on Technical Committee functions, and announced that Dr. Dan Angelini will speak on "Stem Cells in Pulmonary Injury" at the Technical Committee Meetings Tuesday morning at 7:00 in Rm 230 Convention Center.

Jim Wagner (standing in for VP Mike Kleinman) reported on the 2011 Program. IRSS endorsed five and sponsored one session this year. Submissions from IRSS were light last year, and Jim Wagner stated that IRSS could have as many as 15 proposals ranked in five categories for consideration by the SOT Program Committee. The membership was urged to submit proposals to one of five categories; Symposia, Workshops, Roundtables, Historical Highlights or Continuing Education Courses for 2013. The deadline is April 30, but proposals should be sent at least two weeks prior for consideration by IRSS Program Committee. Ian Gilmour is the chair of the 2013 committee. Proposals should be sent to him at Gilmour.ian@epa.gov

Vice President-elect Ian Gilmour thanked all the officers for evaluating award applicants, and emphasized that some individuals did a lot more reviewing because of internal conflicts with some of the applicants. Overall there were 13 student applicants, 4 paper of the year applicants, 2 post-doctoral award applicants and 4 young investigator applicants. Ian announced and congratulated award winners as follows:

Paper of the Year:

Mehdi S. Hazari, Najwa Haykal-Coates, Darrell W. Winsett Q. Todd Krantz, Charly King, Daniel L. Costa, and Aimen K. Farraj. (2011) TRPA1 and Sympathetic Activation Contribute to Increased Risk of Triggered Cardiac Arrhythmias in Hypertensive Rats Exposed to Diesel Exhaust. *Environmental Health Perspectives* 119, 951-957.

IRSS Student Award: Angela Cuevas

Post -Doctoral Student Award: Todd Stueckle

Mary O. Amdur Student Award: Alex Carll

Young Investigator Award: Jacob McDonald

Ian Gilmour introduced Jake McDonald to present the Career Investigator Award. Jake provided an impassioned tribute to the Award winner, Chet Leach.

Jim Wagner introduced Dan Costa, who delivered a slide presentation to commemorate the 30 –year history of the Inhalation and Respiratory Specialty Section. Marked with humor and reverence, the talk highlighted the achievements and contributions of the IRSS to health (and political) science.

Jim Wagner, standing in for Past-President Vince Castranova announced the incoming officers for 2012-13 as:

Student Representative- Chad Weldy
Postdoctoral Representative- Jamie Cyphert
Councilors - Mitch Cohen
 - Steve Gavett
VP- elect Urmila Kovanti

Jim Wagner, standing in for VP Mike Kleinman, acknowledged outgoing officers with certificates:

Student Representative- Chris Carosnio
Postdoctoral Representative- Patricia Zeidler-Erdely
Councilors – Jake McDonald
 - Flemming Cassee

Jim Wagner opened the floor for New Business:

MaryJane Selgrade announced a Current Concepts in Toxicology Meeting, “*Building for Better Decisions: Multi-scale Integration of Human Health and Environmental Data*” to be held at the EPA-RTP campus on May 8-11, 2012.

Richard Parent announced that the text, *Treatise on Pulmonary Toxicology, Volume I: Comparative Biology of the Normal Lung*, to which many IRSS members are contributing chapters, is underway and thanked the section for their help with the new edition.

Rudy Jaeger asked the membership to consider making donations to the Mary Amdur Fund, promising to triple their donations made during the meeting. A sum of \$213 was collected at the reception, and an additional \$100 was collected at Rudy’s booth during the meeting.

The meeting was adjourned at exactly 7:30PM

ATTACHMENT II

MINUTES IRSS Executive Officers Meeting
March 12; 6:30 AM - 8:00 AM; Room 256 (Convention Center)

Present: Jim Wagner (President), Ian Gilmour (VP-elect), Councilors Willie McKinney, Flemming Cassee, Aimen Farraj, Student rep Chris Carosino, incoming 2012 officers: Urmila Kodavanti (VP-elect) and Councilors Steve Gavett and Mitch Cohen.

The meeting was called to order at 6:35. Jim Wagner welcomed the presence of newly elected officers (Urmila Kodavanti; VP- elect), Steve Gavett (Councilor) and Mitch Cohen (Councilor), who are getting an early start on their duties.

Jim Wagner handed out copies of the historical poster created Chris Carosino. All officers were impressed with the work and were very happy with the finished product. Mitch Cohen mentioned that the ImmunoTox poster from 2011 was published in a journal. A similar option will be pursued with the journal Inhalation Toxicology to acknowledge the 30th anniversary of IRSS.

Chris Carosino provided an update on student involvement in the Society and specialty sections. Chris showed the IRSS poster at the Sunday night mixer and discussed the SS activities with student colleagues. Approaches to expand recruitment and student involvement were discussed, with a possible creation of a student newsletter. Chris agreed to maintain communications with the incoming student rep to maintain momentum on student initiatives.

Jim Wagner presented details of the SS budget with a pre-meeting balance of \$6,733, and indicated that most will be spent on the Annual Meeting expenses, including costs for the Officers meeting, the Technical Meeting and the evening reception. These expenses include room rental and food and drinks costs. Costs for awards and certificates are also the responsibility of the SS.

Ian Gilmour inquired of the possibility to move the business meet offsite next year. The current venue in the conference center(s) is shared space with other SS officer meetings, making the room very noisy at times, with limited food options. Officers agreed to look into an external site and a possible breakfast or lunch meeting in 2013.

Jim Wagner reported on the Mary Amdur fund, which has a pre-meeting balance of \$42,839. Each year, 4% of the balance is available each year to be used by the executive committee's discretion. The fund is currently used to provide for the Mary Amdur Student Award and the Post Doc Award. The committee discussed the possibility of using funds for an international student travel award. Further discussions will take place this year, and include original Amdur Fund founders.

Ian Gilmour proposed that descriptions for applications process for the Amdur and IRSS student awards be better delineated. Presently students can be eligible for both awards with the application for the Amdur requiring a specific writeup. Revised wording for the application descriptions will be worked on this year and extended to the general membership for comment.

The agenda items for the evening reception were discussed. Harry Salem will make a brief announcement at the evening reception about Tuesday morning's Technical Committee Meeting. The committee felt it would be helpful for Harry to discuss briefly the purpose of the Technical Committee. The role and future of the Technical Committee was then discussed. A more defined framework of the relationship between the technical and executive committees was discussed, and it was agreed that the serving President would serve as this liaison. The specific nature of this relationship will evolve over the next year.

Flemming Cassee had introduced the idea of soliciting input from the membership via an online survey. Flemming will generate a list of questions that will be discussed by the executive committee in the coming weeks.

The 2012 Program committee worked was discussed. IRSS submitted 3 proposals last spring, of which 1 was accepted this year (Emerging Mechanistic Targets in Lung Injury Induced by Combustion-Generated Particles, by Andy Ghio and Marc Fariss). Jim Wagner urged all executive committee members to either initiate a proposal or solicit and champion one from the membership. Ian Gilmour indicated he has already received some pre-proposals. Specialty Sections can submit proposals to each 5 categories (Symposia, Workshops, Roundtables, Historical Highlights, and CE courses. A goal of submitting to every category was proposed.

The meeting was adjourned at 8:00AM.