

NAME OF SPECIALTY SECTION Inhalation and Respiratory

ANNUAL REPORT: 2010-2011

May 1, 2010 to April 30, 2011

I. Officers/Committees:

| <u>Officers</u> | <u>2009-2010</u> | <u>2010-2011</u> |
|-----------------------|--------------------|---------------------|
| President: | JeanClare Seagrave | Vince Castranova |
| Vice President: | Vince Castranova | James G. Wagner |
| Vice President-Elect: | James G. Wagner | Michael T. Kleinman |
| Secretary-Treasurer: | Dale Porter | Dale Porter |
| Councilors: | James M. Antonini | Amy Madl |
| | Amy Madl | Laura Van Winkle |
| | Annette C. Rohr | Jake McDonald |
| | Laura Van Winkle | Flemming Cassee |
| <i>Past-President</i> | Lung Chi-Chen | JeanClare Seagrave |
| SAC Representative: | Glen Gookin | Christina Hickey |
| PDA Representative: | Chunli Quan | Mehdi Hazari |

Committees: Technical committee: Chair: Harry Salem The Technical Committee met during the national meeting in March where they discuss "Overestimation from the Improper Use of Haber's Rule", by Chesler, Moser and Salem from NAS/DTRA/Senior Fellow, DHS-CSAC, and ECBC.

II. Activities:

2011 SOT Annual Meeting Reception was held in Washington, DC on Wednesday March 9. Approximately 150 people were in attendance. Dr. Castranova called the meeting to order at 6:45

Meeting Minutes: see Attachment I

- Awards: Young Investigator- Andrea deVizcaya-Ruiz (CINVESTAV, Mexico)
- Best Paper award: Gi Soo Kang (NIH-NHLBI) and co-authors for paper: Kang GS, Gillespie PA, Gunnison A, Moreira AL, Tchou-Wong KM, Chen LC. Long-term inhalation exposure to nickel nanoparticles exacerbated atherosclerosis in a susceptible mouse model. Environ Health Perspect. 2011 Feb;119(2):176-81.
- Mary Amdur Award: Christian Lamb (U. North Carolina, Chapel Hill- EPA) CM Lamb, N Haykal-Coates, AP Carll, MS Hazari, DW Winsett, DL Costa, and AK Farraj. Variability in onset of ECG changes indicative of ischemia after exposure to whole vs. filtered diesel exhaust in hypertensive rats – insight on mechanism? A: 570.
- Best Post-Doctoral Abstract: Rajendran Sellamuthu (NIOSH). R Sellamuthu, C Umbricht, J Roberts, R Chapman, S Young, D Richardson, D Leonard, W McKinney, B Chen, D Frazer, S Li, M Kashon, and P Joseph. Peripheral blood gene expression profiling reveal silica-induced pulmonary toxicity. A: 2318.
- Career Achievement Award – Clark Lantz (Univ. Arizona)

2011 SOT Annual Meeting Courses/Sessions:

- Environmental Oxidative Pollutant-Induced Pulmonary Toxicity
- Metabolic Basis of Respiratory Tract Chemical Toxicity
- Extending Pulmonary Toxicity Findings for Nanomaterials
- Meeting the Challenges of Respiratory Toxicology Testing – In Search of Best Practices

Endowment Fund Details: Mary Amdur fund balance as of June 30, 2011=\$46,641 See attached spreadsheet. Only \$500 was used for awards at the national meeting.

Newsletters: none

Teleseminars: none

White Papers: none

Contributions to SOT Web site: none

Other Specialty Section 2010-2011 Activities:
