NAME OF SPECIAL INTEREST GROUP: Women In Toxicology

ANNUAL REPORT: 2010-2011
May 1, 2010 to April 30, 2011

I. Officers/Committees:

<table>
<thead>
<tr>
<th>Officers</th>
<th>2009-2010</th>
<th>2010-2011</th>
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<tbody>
<tr>
<td>President:</td>
<td>Suzy Fitzpatrick</td>
<td>Brinda Mahadevan</td>
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<td>Vice President:</td>
<td>Brinda Mahadevan</td>
<td>Kristina Chadwick</td>
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<tr>
<td>Vice President-Elect:</td>
<td>Kristina Chadwick</td>
<td>Prathibha Rao</td>
</tr>
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<td>Secretary-Treasurer:</td>
<td>Deborah Keil</td>
<td>Deborah Keil</td>
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<td>Councilors:</td>
<td>Tao Wang</td>
<td>Sharmilee Sawant</td>
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<td>Leigh Ann Burns-Naas</td>
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Past-President: Laura Andrews Suzy Fitzpatrick

SAC Representative: Jennifer Leigh Head Jennifer Leigh Head

PDA Representative: Louisa Hooven Kristy Kutanzi

Committees: Awards Committee:
- Abby Benninghoff
- Leigh Ann Burns Naas, Sr. Councilor (Chair)
- Sushmita Chanda
- Fran Crofts
- Michelle Horner
- Tao Wang, Jr. Councilor (Co-Chair)

II. Activities:

2011 SOT Annual Meeting Reception was held in Washington, DC on March 9, 2011. Approximately 110 people were in attendance.

Dr. Fitzpatrick called the meeting to order at 4:30 PM on March 9, 2011. After an initial welcome address, WIT accomplishments were highlighted and awards were presented.

Awards: 2011 Women in Toxicology SIG Award Winners

Elsevier Mentoring Award
- Louise M. Winn, Ph.D., Queen’s University

Student Achievement Awards
- Azita (AJ) Cuevas - New York University
- Advisor: Dr. Lung Chi Chen
• SOT Abstract:
  – Ambient Particle Composition and Mechanisms of Endothelial Dysfunction in a Murine Model

• Colleen E. McLoughlin - Virginia Commonwealth University
• Advisors: Drs. Gary Bowlin & Kimber L. White, Jr.

• SOT Abstract:
  – Use of an Electrospun Polycaprolactone Nanofibrous Scaffold as a Potential Drug Delivery System for Immunomodulatory Compounds

• Jenna M. Benson (Honorable Mention) University of Montana
• Advisor: Dr. David Shepherd
• SOT Abstract:
  – Aryl Hydrocarbon Receptor Activation Suppresses Intestinal Inflammation

Postdoctoral Achievement Award
Pei-Li Yao Ph.D., University of Texas at Austin
Postdoctoral Mentor: Dr. John Richburg
SOT Abstract:
C/EBP and C-MYC Cooperate for the Transcriptional Suppression of Sertoli Cell TMP-2 in Rodents Following MEHP Exposure

Vera W. Hudson and Elizabeth K. Weisburger Scholarship Fund Student Award
• Alex Lau, University of Arizona
• Advisor: Dr. Donna Zhang
• Research Focus:
  – To elucidate the cross talk between the Nrf2-Keap1-antioxidant response pathway and autophagy, a bulk lysosomal degradation pathway, and whether this is the mechanism by which arsenic activates the Nrf2 pathway
• SOT Abstract:
  – Arsenic activates the Nrf2 antioxidant response pathway via autophagy

2011 SOT Annual Meeting Courses/Sessions:

50 Years of “The Pill”: Risk Reduction and Discovery of Benefits Beyond Contraception.
Date: Wednesday, March 9, 2011
6:30-7:50 AM
Sponsor: Women In Toxicology
**Endorsed by:**
Ethical, Legal & Social Issues Specialty Section  
Reproductive and Developmental Toxicology Specialty Section  
Medical Devices Specialty Section

**Toxicological Considerations of Pharmacotherapy during pregnancy**  
**Date:** Wednesday March 9, 2011  
**4:30-5:50 PM**

**Sponsor:** Women In Toxicology

**Endorsed by:**
Regulatory and Safety Evaluation Specialty Section  
Reproductive and Developmental Toxicology Specialty Section

Newsletters: September 2010 & February 2011

Other Special Interest Group 2010-2011 Activities:  
At the 50th anniversary SOT Annual Meeting the following events were represented by members of WIT.

- WIT representation at the K-12 event in Washington D.C.
- Contribution of the historical highlight poster on “50 years of the pill” for the time capsule
- WIT leadership poster presented on behalf of the SIG-CG
- WIT representation at all the “Meet the Director” series in Washington D.C.
- WIT representation/mentoring at the Post Doctoral Association reception.

Annual accomplishments:

- Established Awards Committee

- Changed dates for staggered application deadlines to spread out the work
  - November 18, 2011
    - Mentoring
    - Teleconference to discuss/select in December
  - December 16, 2011
    - Hudson-Weisburger
    - Student Achievement
    - Postdoctoral Achievement
    - Telecon(s) to discus/select in January

- Developed a nomination package for Linda Birnbaum and submitted it on behalf of WIT for the 2010 AAAS Lifetime Mentor Award