

## 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:	Brian Short	Timothy Pastoor
Vice President:	Timothy Pastoor	Paul Brown
Vice President-Elect:	Paul Brown	Daland Juberg
Secretary/Treasurer:	Cynthia Afshari	Nancy Beck
Past President	James Lamb	Brian Short
Councilors:	Nancy Beck	David Ackley
	Lorrene Buckley	Lorrene Buckley
PDA Representative:	Michael Boyle	Michael Boyle
GSLC Representative:	Thomas Simones	Marcy McNamara

Committees: Susan Hart chaired a Program Sub-Committee to provide RSESS ranking of more than 45 proposals submitted for SOT 2013 sessions

### II. Activities

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

Approximately 75-100 people were in attendance.

Dr. Pastoor called the meeting to order at 6:00 PM.

The Great Debate, chaired by Lorrene Buckley and entitled “We should sunset the 2-year bioassay”, was hotly contested by Drs. Christopher Portier and Doug Keller. New this year to the Great Debate was our Twitter feed, @SOTGreatDebate.

The RSESS Council breakfast meeting was held on March 12 at 7:00 AM, and minutes are posted on the ToXchange site.

### III. Awards

#### Post-Doctoral Travel Awards

**Daniel Leslie**, Harvard University

Aerosol Delivery to a Microfluidic Human Breathing Lung-on-a-Chip for Inhalation Toxicity

**Raja S. Settivari**, The Dow Chemical Company

Evaluation of *In Vitro* Reactivity Assays for Assessing the Sensitization Potential of Chemicals

**Mitchell Thorn**, Pfizer Inc.

Development of a Delayed-Type Hypersensitivity Assay to *Candida Albicans* in Juvenile Rats:

Comparison of *In Vivo* and *Ex Vivo* Methods

**David Adenuga**, The Dow Chemical Company

Toxicogenomic Investigation into False Positive Responses in the Local Lymph Node Assay (LLNA)

**Marc-André Verner**, Karolinska Institutet

When to Sample and How to Interpret Blood Levels in the Occupational Setting: The Example of Styrene

Graduate Student Travel Awards:

**Nicholas Heger**, Brown University

Human Fetal Testis Xenografts Are Not Sensitive to Phthalate-Induced Endocrine Disruption

**Jessica Wignall**, University of North Carolina, Chapel Hill

Modeling Toxicity Values Using Chemical Structure, In Vitro Screening, and In Vivo Toxicity Data

**Gayatri Sankaran**, University Of California, Riverside

Foliage Residues of Malathion and Fenprothrin Insecticides as Determinants of Low-level Strawberry Harvester Exposures

**Dingsheng Li**, University of Michigan

Physiologically Based Pharmacokinetic Modeling of Polyethylene Glycol-Coated Polyacrylamide Nanoparticle in Rats

The award for Mr Li is a joint one from the RSESS and the International Society for Regulatory Toxicology and Pharmacology (ISRTP).

**Erin K. Shanle**, University of Wisconsin, Madison

Stable Reporter Cell Lines for the Identification and Characterization of Subtype Selective Estrogenic Ligands

**Jeremy Larson**, University of Wisconsin, Milwaukee

Rat Ovarian Steroidogenesis *ex vivo* is Stimulated Differentially Upon Exposure to Low Concentrations of Gold Nanoparticles

**IV. 2012 SOT Annual Meeting Courses/Sessions:**

RSESS sponsored several sessions at the annual meeting including a Green Chemistry workshop which brought together regulators and scientists from different sectors to discuss approaches to implement Green Chemistry goals that are effective, enforceable and practical.

**V. Endowment Fund Details:**

RSESS currently has a little over \$9000 in the Endowment (less than \$25,000 and therefore, not matched by SOT at this time).

**VI. Newsletters**

The Winter 2011 issue is published and posted on the ToXchange website; a Summer 2012 issue will be posted in Aug2012. Contributions included updates on meetings of various topics of interest to our membership as well as updates on recent regulatory activities in the EPA and FDA agencies.

**VII. White Papers:** None issued

**VIII. Contributions to SOT website**

Dr. Harold Zenick initiated a blog at the RSESS site on ToXchange which summarizes discussions within SOT's Liaison Group with EPA regarding the definition of Toxicology's role in providing data, tools and models to solve problems with sustainable solutions.

**IX. Other Specialty Section 2011-2012 Activities**

The leadership of RSESS has created a short survey to canvass constituent views on a variety of topics in order to insure that this SOT Specialty Section remains true to the interests of its members. Results will be summarized in the Summer 2012 newsletter.