

## MOLECULAR BIOLOGY SPECIALTY SECTION

### ANNUAL REPORT: 2010-2011

May 1, 2010 to April 30, 2011

Prepared by Russell Thomas, July 29, 2011

#### I. Officers/Committees:

<u>Officers</u>	<u>2009-2010</u>	<u>2010-2011</u>
President:	Michael J. Carvan, III	Christopher A. Reilly
Vice President:	Christopher A. Reilly	Russell Thomas
Vice President-Elect:	Russell S. Thomas	Chris Corton
Secretary-Treasurer:	Kristine L. Willett	Kristine L. Willett
Councilors:	Mark E. Hahn	Nancy D. Denslow
	Nancy D. Denslow	J. Craig Rowlands
<i>Past-President</i>	Thomas R. Sutter	Michael J. Carvan, III
SAC Representative:	Sara E. Wilson	Karma C. Fussell
	Karma C. Fussell	Jill Anne Franzosa
PDA Representative:	Joanna Klapacz	Cassandra Rice

Committees: Not Applicable.

#### II. Activities:

**2011 Annual Face-to-Face Officers Meeting** was held in Washington, DC on Monday, March 5, 2011 7:00 – 8:00 AM.

Present: Chris Reilly, Chris Corton, Michael Carvan, Rusty Thomas, Kristie Willett, Nancy Denslow, Craig Rowlands, Aaron Roland, Jill Franzosa, Cassandra Rice, Britton Goodale

1. Welcome (Reilly/Thomas) and introduction of new officers
2. Budget update (Willett) There are 187 members (up from 152 in 10; 159 -09 and 163 – 08). Balance before meeting is \$2313 (down \$215 from year before). Expected expenses \$1928.22 for reception, \$101.75 plaques/ribbons and \$250 for travel of student rep for a total of \$2279.97. Therefore, expect to carry about same amount forward. [Update: current balance after the meeting is \$2297 down \$17 for the year]
3. Endowment update (Willett) Endowment at \$30,338 and provided \$1214 to cover 100% of student awards this year.
4. 2011 Program (Thomas) We sponsored 4 CEs and 6 symposia
5. 2012 Program (Corton) Mentioned Themes for 2012 and deadlines.
6. Student Report (Franzosa) – nothing to report
7. Posdoc Report (Rice) – nothing to report
8. Bylaws updates (Carvan) – We might still have to make our changes last year firm with respect to including Postdoc rep and their duties. Carvan to follow up.
9. Other business (Denslow) Led discussion of student awards. Need to have pictures of winners for endowment promotion. 17 grad students applied and 9 postdocs. We are still

concerned about the same students getting multiple awards and whether they have to be first author of the abstract.

10. Other business (Reilly) MBSS contributions to the time capsule: Molecular biology catalogue, Human SNP array, Illumina chip, autoradiography gel.

**2011 SOT Annual Meeting Reception** was held in Washington, DC on Monday, March 5, 2010 from 6:00 – 7:30 PM.

Approximately 75-100 people were in attendance.

Dr. Christopher Reilly called the meeting to order at 6:30 PM.

Meeting Minutes: see Attachment I

Awards:

Student Award winners:

1<sup>st</sup> Place – Katherine Saili (\$300)

2<sup>nd</sup> Place – Laura Macpherson (\$200)

3<sup>rd</sup> Place – Shengzhong Su (\$100)

Postdoctoral Award winners:

1<sup>st</sup> Place – Alicia Timme-Laragy (\$300)

2<sup>nd</sup> Place – Cassandra Rice (\$200)

2011 SOT Annual Meeting Courses/Sessions:

*Continuing Education Courses:*

Dealing with the Data Deluge: A Live Data Discovery and Analysis Course, Sunday, 8:15 AM – 12:00 Noon. March 6. MBSS Primary Sponsor.

Epigenetics in Toxicology: Introduction, Mechanistic Understanding, and Application to Safety Assessment, Sunday, 8:15 AM – 12:00 Noon. March 6. MBSS Primary Sponsor.

Applications of Computational Systems Biology for Toxicology, Sunday, 1:15 PM – 5:00 PM. March 6. MBSS Primary Sponsor.

Practical How-To and Pitfalls Associated with Current Epigenetic Studies, Sunday, 1:15 PM – 5:00 PM. March 6. MBSS Primary Sponsor.

*Symposia/Workshops:*

Emerging Issues at the Intersection of Reproductive and Mixtures Toxicology, Monday, 8:15 AM – 12:00 Noon. March 7. MBSS Endorsement.

High Content Imaging-Applications in Toxicology and Toxicity Testing, Monday, 9:15 AM – 12:00 Noon. March 7. MBSS Endorsement.

Ribotoxic Stress: Mechanisms and Models for Human Disease, Monday, 9:15 AM – 12:00 Noon. March 7. MBSS Endorsement.

Human Variability In Susceptibility to Environmental Toxicants, Monday, 2:00 PM – 4:45 PM. March 7. MBSS Primary Sponsor.

Metabolic Basis of Respiratory Tract Chemical Toxicity, Tuesday, 9:00 AM – 11:45 AM. March 8. MBSS Endorsement.

Uncovering the Role of Non-Coding RNAs in Toxicology, Tuesday, 9:00 AM – 11:45 AM. March 8. MBSS Primary Sponsor.

Livers on a Plate: Next Generation Hepatocyte Models for High-Throughput Screening and Mode of Action Prediction, Tuesday, 12:00 Noon – 1:20 PM. March 8. MBSS Primary Sponsor.

When Is Exposure Not Exposure? Defining the Dose-Response Region Between 'Effect' and 'Adverse Effect' Implications for Human Health Risk Assessment, Tuesday, 1:30 – 4:15 PM. March 8. MBSS Endorsement.

The Spectrum of Systems Biology, Tuesday, 1:30 – 4:15 PM. March 8. MBSS Primary Sponsor.

Gene-Environment Disease Interactions in Fish Models of Human Disease, Wednesday, 9:00 AM – 11:45 AM. March 9. MBSS Primary Sponsor.

Mechanisms of Inflammation in Skin Carcinogenesis, Wednesday, 9:00 AM – 11:45 AM. March 9. MBSS Endorsement.

New Insights into the Nrf2-Keap1 Pathway and Its Impact on Human Disease, Wednesday, 9:00 AM – 11:45 AM. March 9. MBSS Endorsement.

Autophagy in Toxicology: Essential Process, Adaptive Process, and Disease Process, Wednesday, 1:30 – 4:15 PM. March 9. MBSS Endorsement.

Advancing Predictive Ecotoxicology Testing and Environmental Risk Assessment in the 21<sup>st</sup> Century, Wednesday, 1:30 – 4:15 PM. March 9. MBSS Endorsement.

Informational Session: Progress of the Tox21 Consortium in High-Throughput Bioactivity Profiling of Chemicals, Wednesday, 4:30 – 5:50 PM. March 9. MBSS Endorsement.

**Endowment Fund Details:**

Endowment at \$30,338 and provided all of the \$1,100 to cover 100% of student and postdoctoral awards this year.

**Newsletters:**

Summer 2011 newsletter in preparation

Teleseminars:

None

White Papers:

None

Contributions to SOT Web site:

None.

Other Specialty Section 2010-2011 Activities:

None.

## **Attachment I**

### **MOLECULAR BIOLOGY SPECIALTY SECTION of the Society of Toxicology**

#### **Specialty Section Reception**

**Monday, March 5, 2010 6:00 – 7:30 pm Washington DC**

**Reception and Meeting called to order by Dr. Chris Reilly at 6:30 pm**

Dr. Willett gave treasurers report (as detailed from the officer's meeting), Dr. Thomas reported on MBSS sponsored activities at current meeting, Dr. Corton presented 2012 themes and solicited program sessions. Dr. Hines announced the Gordon Research Conference on Cellular and Molecular Mechanisms of Toxicity and Inflammatory Diseases. Dr Denslow presented students with awards. First place students gave 4 minute, 2 PowerPoint slide presentations of their work (but had to do this without projection due to technical difficulties). Award winners were:

**Student Award winners:**

Katherine Saili -- \$300  
Laura Macpherson -- \$200  
Shengzhong Su -- \$100

**Postdoctoral Award winners:**

Alicia Timme-Laragy -- \$300  
Cassandra Rice -- \$200

All award money came from the endowment

