

MOLECULAR BIOLOGY SPECIALTY SECTION

ANNUAL REPORT: 2011-2012 May 1, 2011 to April 30, 2012 Prepared by Chris Corton, July 31, 2012

I. Officers/Committees:

<u>Officers</u>	<u>2010-2011</u>	<u>2011-2012</u>
President:	Christopher A. Reilly	Russell Thomas
Vice President:	Russell Thomas	Chris Corton
Vice President-Elect:	Chris Corton	Nancy D. Denslow
Secretary-Treasurer:	Kristine L. Willett	Aaron Roland
Councilors:	J. Craig Rowlands	Nancy D. Denslow
	Nancy D. Denslow	J. Craig Rowlands
<i>Past-President</i>	Michael J. Carvan, III	Christopher A. Reilly
SAC Representative:	Karma C. Fussell	Britton Goodale
	Jill Anne Franzosa	Jill Anne Franzosa
PDA Representative:	Cassandra Rice	Cassandra Rice

Committees: Not Applicable.

Elected in 2012:

Vice-President-Elect:	Craig Rowlands
Councilor:	Scott Auerbach
SAC Representative:	Jessica Crystal Roberts
PDA Representative:	Igor Korturbash

II. Activities:

2012 Annual Face-to-Face Officers Meeting was held in San Francisco on Monday, March 12, 2012 6:30 – 8:00 AM.

Present: Rusty Thomas, Craig Rowlands, Chris Corton, Nancy Denslow, Aaron Rowland, Cassandra Rice, Scott Auerbach, Igor Koturbash, Britton Goodale, Jessica Krystle Roberts.

1. Welcome (Thomas) and introduction of new officers
2. Membership update (Rowland): There are 204 members (compared to 187 in 2011, 152 in 2010; 159 in 2009 and 163 in 2008).
3. Budget update (Rowland): Breakdown of budget:

As of May 2012 the endowment fund has had a net loss of \$344 dollars.

Endowment

	DOLLAR AMOUNT
Net Assets Beginning of Year	\$32,420
Contributions (ABI Biosciences)	\$300
Total Return on Investment	\$656
Expenses (Awards)	(\$1300)
Revenue over expenses	(\$344)
Net Assets End of the Year	\$32,077

MBSS FINANCIALS:

Net assets at the beginning of the 2011-2012 fiscal year were \$5,073. This financial report includes activity from the 2012 SOT Annual Meeting in San Francisco. The final tally shows a net loss for the year of \$242. Including this loss, our net assets for the beginning of the 2012-2013 fiscal year are \$4,831.

	DOLLAR AMOUNT
Net Assets Beginning of Year	\$5,073
Contributions (ABI Biosciences)	\$300
2012 Meeting Registration	\$1769
TOTAL INCOME FROM SOT MEETING	\$2069
Expenses (Travel for student rep)	(\$350)
Expenses (Reception)	(\$1961)
TOTAL EXPENSES FROM SOT MEETING	(\$2311)
Net Gain (loss)	(\$242)
Net Assets End of the Year	\$4,831

4. 2012 Program (Denslow) Discussed Themes for 2013, deadlines and strategies for soliciting proposals.
5. 2011 Program (Corton) We sponsored 3 symposia and 1 workshop. This low number was after considerable effort to recruit high quality proposals. A number of proposals moved to other SS for endorsements because of our system of not committing to endorsing until all of the submissions have been posted.
6. Student Report (Franzosa) – nothing to report
7. Postdoc Report (Rice) – nothing to report
8. Other business (Rowlands) Led discussion of student awards. Need to have pictures of winners for endowment promotion. 14 grad students applied and 8 postdocs. There was concern about how to best to promote the MBSS awards and if we should be concerned that students and postdocs are applying to multiple specialty sections for awards. The question that was not resolved was should students only be allowed to apply to one specialty section for an award? Nancy agreed to remove the dollar amount of the awards from the MBSS web site because the amounts can change from year to year.
9. Other business (Rowlands): determined who would distribute the award ribbons on the posters.

2011 SOT Annual Meeting Reception was held in Washington, DC on Tuesday, March 13, 2012 from 6:00 – 7:30 PM.

Approximately 75-100 people were in attendance.

Dr. Rusty Thomas called the meeting to order at 6:30 PM.

Meeting Minutes: see Attachment I

Awards:

Student Award winners:

1st Place – Laura MacPherson (\$350)

2nd Place – Rachel Tanos (\$200)

3rd Place (Tie)– Britton Goodale (\$100) and Hong Loan Nguyen (\$100)

Postdoctoral Award winners:

1st Place – Kristy Kutanzi (\$350)

2nd Place – Indira Jutooru (\$200)

2012 SOT Annual Meeting Sessions:

Symposia/Workshops with MBSS sponsorship:

- Realizing the vision of 21st Century Toxicity Testing: Genetic approaches to pathway analysis
- Cross-Species Analysis of Toxicogenomics Data: Approaches for Assessing Differences in Sensitivity and Conservation of Mode-of-Action
- The thick and thin of Nuclear Receptors and Nrf2 in Diabetes and Obesity
- How useful are liver in vitro models for toxicity and mode of action prediction?

Symposia/Workshops with MBSS primary endorsements:

- New Visions in Toxicology: Lysosomes - roles in disease, toxicity and drug development
- Caught in the Act: Free Radical Detection and Implications in Pathways to Toxicity
- Toxicological Considerations of Epigenetic Targets in Product Development
- Mechanisms of Toxicity for Occupational and Environmental Exposures of Hispanics and Associated Health Effects
- DNA Damage Responses and Repair
- Muscle toxicity - Current Challenges in Translatable Biomarkers
- Circulating microRNAs, a new class of biomarkers for tissue-specific toxicity

- High-Throughput In Vitro Toxicity Testing: A Mid-Course Assessment of Predictive Accuracy for In Vivo Endpoints and Use in Decision Making
- Role of Trivalent Methylated Metabolites of Inorganic Arsenic in Toxic Effects by Arsenic Exposure
- Epigenetic and miRNA Regulations in Carcinogenesis: Toxicological Implications
- Discovering Novel Hypotheses for Mechanisms of Toxicity from High-Content Data Sets
- Emerging Mechanistic Targets in Lung Injury Induced by Combustion-generated Particles
- Molecular Basis for Prevention of Cardiotoxicity

Endowment Fund Details:

Endowment at \$32,077 and provided all of the \$1,300 to cover 100% of student and postdoctoral awards this year.

Newsletters:

Summer 2012 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

Tuesday March 13, 2012 6:00 – 7:30 pm San Francisco

Reception and Meeting called to order by Dr. Rusty Thomas at 6:30 pm.

Dr. Rowland gave the treasurers report (as detailed from the officer's meeting). Dr. Thomas reported on changes to the MBSS by-laws and introduced new elected officers. Dr. Corton presented an update on the MBSS sponsored sessions at the 2012 meeting. Dr. Denslow presented 2013 themes and solicited program session ideas. Dr. Rowlands announced the CCT Contemporary Concepts in Toxicology Application of TOX21 to Risk Assessment that will be held in Arlington, VA in Sept. 2012. Dr. Rowlands presented students and postdocs with awards. First place student and postdoc winners gave a brief summary of their work. Like the last annual meeting, the presentations were in the absence of a projector. Award winners were:

Student Award winners:

1st Place – Laura MacPherson (\$350)

2nd Place – Rachel Tanos (\$200)

3rd Place (Tie)– Britton Goodale (\$100) and Hong Loan Nguyen (\$100)

Postdoctoral Award winners:

1st Place – Kristy Kutanzi (\$350)

2nd Place – Indira Jutooru (\$200)

All award money came from the endowment. Dr. Corton presented Dr. Thomas with a plaque acknowledging his work for MBSS. Dr. Corton adjourned the meeting at ~7:30 pm.