

NAME OF SPECIALTY SECTION: Biological Modeling

## **ANNUAL REPORT: 2007**

May 1, 2006 to April 30, 2007

### **I. Officers/Committees:**

<b>Officers:</b>	<u>2006-2007</u>	<u>2007-2008</u>
President:	Charles Timchalk	Sean Hays
Vice President:	Sean Hays	Craig Zwickl
Vice President-elect:	Craig Zwickl	Richard Corley
Secretary:	Bradford Gutting	Bradford Gutting
Treasurer:	Bradford Gutting	Bradford Gutting
Councilors:	Cecilia Tan	Cecilia Tan
		Justin Teegaurden
		Charles Timchalk
<i>Past-President</i>		
Student Representative:	Rebecca Clewell	

### **II. Activities**

**2007 SOT Annual Meeting Reception** was held March at the Charlotte Convention Center, Charlotte, NC. Approximately 80-100 people were in attendance. The participation by the membership in this year's annual meeting was outstanding and a larger venue should be considered for the 2008 meeting.

Chuck Timchalk called the meeting to order at ~6:00 PM on March 28<sup>th</sup>. The meeting included musical entertainment, awards presentations, acknowledgement of corporate sponsors and a spirited roundtable discussion on the role of computational modeling in biological monitoring.

Awards: In 2007, 3 student awards were presented for best student abstracts. The award winners were:

**Yuching Yang**, *Characterization of sensitivity of risk estimates to uncertainties associated with biologically based modeling of formaldehyde carcinogenicity.*

**Marc-Andre Verner**, *Physiologically based pharmacokinetic modeling of persistent organic pollutants for lifetime exposure assessment: a new tool for breast cancer epidemiology studies.*

**Jerry Campbell**, *PBPK modeling assessment of the competitive metabolic interactions for m-xylene, ethylbenzene and a lumped aromatic fraction of JP-8 fuel vapors.*

The success of our student awards program has been dependent upon the generous contributions of our sponsors. The BMSS would like to again thank Aegis Technologies, Leadscope, Pharsight, Lhasa Limited, and Entelos for their continued sponsorship of BMSS student awards.

The current BMSS membership is 96 full members, and our net financial assets at the completion of FY07 were \$9,304.

In 2007 the BMSS worked to engage the membership to increase their activity with the specialty section. Goals include the establishment of an ongoing program committee to proactively develop and solicit symposium, workshops and continuing education classes for the annual meeting. In addition, effort were put forth to increase membership and have a greater engagement of our students in BMSS activities.