

BIOLOGICAL MODELING SPECIALTY SECTION

ANNUAL REPORT: 2008-2009

May 1, 2008 to April 30, 2009

I. Officers/Committees:

Officers:	<u>2007-2008</u>	<u>2008-2009</u>
President:	Sean M. Hays	Craig M. Zwickl
Vice President:	Craig M. Zwickl	Richard A. Corley
Vice President-Elect:	Richard A. Corley	Robert S. DeWoskin
Treasurer/Secretary	Bradford W. Gutting	Hugh A. Barton
Councilors:	Justin G Teeguarden	Justin G. Teeguarden
	Cecilia Tan	Bradford W. Gutting
<i>Past-President</i>	Charles A. Timchalk	Sean M. Hays
SAC Representative:	Rebecca A. Clewell	Susan Ritger

Committees: A new subcommittee is being formed in 2009 to provide input for the BMSS Best Paper Award. This subcommittee will be chaired by the outgoing president (Craig Zwickl for 2009) and include BMSS councilors and volunteers from the membership.

II. Activities

2009 SOT Annual Meeting Reception was held March at the Baltimore Convention Center, Baltimore, MD. Approximately 60-80 people were in attendance.

Craig Zwickl called the meeting to order at 6:00 PM on March 18th. The meeting included announcements, introductions of new officers, student award presentation, acknowledgement of corporate sponsors and presentations on the role of quantitative structure property(activity) relationship (QSAR or QSPR) modeling in toxicology. The keynote speaker was Dr. Dan Benz of the FDA's Informatics and Computational Safety Analysis Laboratory. Dr. Benz's presentation was followed by a panel discussion with CEO's of several of the leading QSAR software development companies and consortia in the U.S. and Europe. The panel included Dr. Gilles Klopman (Charles F. Mabery Professor of Research in Chemistry, Oncology and Environmental Health Sciences, Case Western Reserve University, and founder and CEO of Multicase, Inc.), David Watson (Lhasa Ltd.), and Lofty Lucas (Leadscope, Inc.). A lively question and answer session followed the presentation and panel discussion.

Awards: 1st place student presentation – M. Marc-André Verner of the Université du Québec à Montréal, Montréal, QC, Canada, for his presentation “*A PBPK modeling tool to predict infant internal exposure to persistent organic chemicals and assess critical periods of susceptibility*”.

Membership and Financial: The current BMSS membership is 119 full members, and our net financial assets at the completion of FY08 were \$9,851. The success of our awards program and our specialty section has been furthered by the generous support of our sponsors, Aegis Technologies, Leadscope, and Lhasa Limited.

2009 SOT Annual Meeting Courses/Sessions:

CE AM Course: Principles and Applications of Toxicokinetics

CE PM Course: Characterizing variability and uncertainty with physiologically based pharmacokinetic models.

Workshop: From Genes to Organs: Advancements in Modeling Biological Systems (Sponsor)

Workshop: Pesticide Mixtures: Experimental Evaluation and Computational Modeling (Endorsement)

Roundtable: Characterization and Application of PBPK Models in Risk Assessment (Endorsement)

Roundtable: What is an Adverse Effect in the Age of 'Omics'? (Endorsement)

Newsletters:

Volume 2 No. 1

(http://www.toxicology.org/ISOT/SS/BMSS/BMSS_NLVol2_1_August08.pdf)

Volume 2 No.2

http://www.toxicology.org/ISOT/SS/BMSS/BMSS_NLVol2_2_February09.pdf