

NAME OF SPECIALTY SECTION Mixtures Specialty Section

ANNUAL REPORT: 2008-2009

May 1, 2008 to April 30, 2009

I. Officers/Committees:

Officers:

	<u>2008-2009</u>	<u>2009-2010</u>
President:	Janice Chambers	Jane Ellen Simmons
President-elect:	Jane Ellen Simmons	Kannan Krishnan
Vice President:	Kannan Krishnan	Michael L. Dourson
Secretary:	David Mattie	David Mattie
Treasurer:	David Mattie	David Mattie
Councilors:	Sami Haddad Meg Whittaker	Meg Whittaker Bruce A. Fowler
<i>Past-President</i>	Moiz Mumtaz	Janice E. Chambers
SAC Representative:	Marc-André Verner	Ronald B. Pringle
PDA Representative:	Eva McLanahan	Cynthia Rider

Committees: If applicable.

II. Activities

2009 SOT Annual Meeting Reception was held at 6 PM on 16 March at the Convention Center in Baltimore, MD. Approximately 60 people were in attendance.

Dr. Janice Chambers called the meeting to order at 6:30 PM on 16 March.

Business Meeting Speaker: There was no speaker at the reception

Meeting Minutes: Officers, current and new were introduced. A brief treasurer's report was given by David Mattie. Kannan Krishnan handled the awards portion of the meeting. See Guidelines for Best Abstract Award under other activities. Plaques were presented to the award winners below. The "TOP-10" Best Abstracts on Mixtures were identified. Each poster was also identified by a blue ribbon given to the poster presenter at the beginning of their poster session.

Awards:

MSS Best Abstract Award

(sponsored by John Wiley & Sons Publishers)

Pharmacokinetic interactions between bisphenol A and naproxen in humans. S. Haddad; E. Blanchette; I. Rheault; M. Verner

Journal of Applied Toxicology

Award for Best Student Presentation

Comparing the Toxicity of Fresh and Aged Biodiesel and Diesel Exhaust Using Separate Particle and Gaseous Exposure Systems. K. de Bruijne, K. G. Sexton, S. Ebersviller, Y. Lin, I. Jaspers and H. E. Jeffries

“TOP-10” Best Abstracts on Mixtures:

Pharmacokinetic interactions between bisphenol A and naproxen in humans. S. Haddad; E. Blanchette; I. Rheault; M. Verner

Environmentally Realistic Mixtures of the Five Regulated Haloacetic Acids Exhibit Concentration-Dependent Departures from Dose Additivity. J. Simmons; C. Dingus; E. D. Wagner; G. Rice; L. K. Teuschler; M. J. Plewa

In vitro characterization of metabolic interactions between n-hexane, toluene, cyclohexane and isoctane. I. Nechad; G. Charest-Tardif; R. Tardif; K. Krishnan; S. Haddad

PBPK modeling of alkylbenzene mixtures in neonates: evaluation of the relative contribution of inhalation and lactational transfer to the internal dose. T. Adamou; S. Haddad; K. Krishnan

Atmospheric Gas-Particle Interactions Cause a Rapid Shift in Toxicity from the Gas Phase to the Particle Phase. S. Ebersviller; K. de Bruijne; K. G. Sexton; Y. Lin; I. Jaspers; H. E. Jeffries

A novel algorithm for computing interaction-based hazard index for the health risk assessment of chemical mixtures. S. S. Isukapalli; A. F. Sasso; P. G. Georgopoulos; K. Krishnan

Cumulative reproductive effects of in utero administration of a mixture of ten "antiandrogens" in male SD rats: synergy or additivity?. L. E. Gray; C. Rider; J. Furr

Dose addition predicts the effects of a mixture of five phthalate esters to inhibit fetal testosterone production and gene expression, and postnatal reproductive development in the Sprague Dawley rat. K. L. Howdeshell; V. S. Wilson; J. Furr; C. R. Lambright; C. V. Rider; D. Bermudez; L. Gray

The Impact of Nicotine Exposure on the Pharmacokinetics and Pharmacodynamics of Chlorpyrifos: Implications for Drug/Chemical Mixtures. S. Lee; T. S. Poet; A. L. Busby; C. Timchalk

Perinatal exposure to a mixture of environmental contaminants when associated with postnatal stress alters the glucocorticoid stress response during adulthood in the rat. D. Desaulniers; G. Xiao

2009 SOT Annual Meeting Courses/Sessions:

CE course: Current Approaches in Mixture Risk Assessment

Poster Session: Assessment of Chemical Mixtures

Workshop Session: Pesticide Mixtures: Experimental Evaluation and Computational Modeling

Endowment Fund Details: This specialty section is not in a position to open a fund at this time.

Newsletters: N/A

Teleseminar: June 13th, 2008: NoMiracle: Novel Methods for Integrated Risk Assessment of Cumulative Stressors in Europe

White Papers: Submissions for 2010

PRESENTATION TYPE: Workshop

TITLE: Methods and Techniques for Analysis and Assessment of Mixtures Data

PRESENTATION TYPE: Historical Highlights

TITLE: Love Canal to Gowanus: Environmental Protection and Public Health

Contributions to SOT Web site: [Mixture Specialty Section \(MSS\) Logo Contest](#)

Other Specialty Section 2008-2009 Activities:

Mixtures Specialty Section Officers Meeting at 0630 (6:30 AM) on 16 Mar 09 to prepare for reception

Attendees: Janice Chambers, President; Jane Ellen Simmons, Vice-President; Kannan Krishnan, Vice-President elect; Dave Mattie, Secretary-Treasurer; Moiz Mumtaz, Past President, Sami Haddad, Councilor 1, Meg Whitaker, Councilor 2, Eva McClanahan, Postdoc rep, Marc-André Verner, student rep,. Also newly elected council members for 2009-2010 were invited to attend: Mike Dourson, Vice-President elect, Cynthia Rider, post-doc rep and Ron Pringle, student rep, and Bruce Fowler, new councilor, could not attend.

Updates on the following:

Officer responsibilities – need to lay out procedures since not really spelled out in By-Laws. Use members who were not running for office to work on MSS activites. Make use of past presidents in future. President set up and use presidential chain; VP-elect handles awards. By-Laws review by past president. VP handles program planning for next SOT.

Newsletter – did not get off the ground. Cynthia will take the lead for now. Send example to her.

Logo contest – no one submitted. Mention at reception. Sami will try it again. Will establish due date – 2 months after first newsletter is an option.

Increasing membership – need to increase membership. Need list of webinar attendees and attendees at CE course. Workshop will also ask for membership by dropping off business

card. Try to have more webinars – asked for 100-200 lines. Need one page submission to SOT. Ask award winner to make presentation.

Awards- sponsorship and procedures – Wiley will sponsor general abstract award if we put their name on the award. We select abstract. Post-doc award – keep as separate category and use post-doc assembly to advertise category. No sponsor at this time. VP-elect will set up review committee which could be ad hoc (must be MSS member) or council members (5).

Nomination procedure – see above.

By-law revisions – need to update especially duties. Duties to nominees. Post doc and student reps.

Meeting and reception tonight at 6:00pm – Jan has agenda. Formal meeting at 6:30.

Program submissions – are due soon. Need to meet later this week or by telecom.

Established Guidelines for Best Abstract Award:

Committee Chairpersons and Committee Members: can have abstracts in the competition. However, they should not score the abstracts on which they are co-authors.

Collaborators: If a committee member has collaborated in the research work or funded the work described in an abstract, s/he should not score the abstract.

Supervisors: If the committee member is the current supervisor of one or more co-authors of an abstract being evaluated, s/he should not score the abstract.

Institution: Best judgment will be applied in recommending recusal when a colleague from the same institution is nominated. The decision regarding recusal will take into account the size of the institution and the proximity in the management structure.

Winner: The winner of the Best Abstract Award is based on the average score among all who scored the abstract, not the total numerical score