

Risk Assessment Specialty Section (RASS)

ANNUAL REPORT: 2006-2007

May 1, 2006 to April 30, 2007

I. Officers/Committees:

Officers:

	<u>2006-2007</u>	<u>2007-2008</u>
President:	Mike Gargas	Jennifer Orme-Zavaleta
Vice President:	Jennifer Orme-Zavaleta	Harvey Clewell
Vice President-Elect	Harvey Clewell	Edward Ohanian
Secretary/Treasurer:	Lynne Haber	Julie Goodman
Councilor (2 years):	John Lipsomb	Lisa Sweeney
Councilor (1 year):	Teresa Leavens	John Lipscomb

Past-President

Kannan Krishnan

Mike Gargas

SAC Representative:

Mayurranjan Mitra

Vishakha Bhawe

Post Doc Assembly

Representative:

Being recruited

Committees: None.

II. Activities

2007 SOT Annual Meeting Reception was held March 26 in part of the SOT annual meeting in Charlotte, NC.

Approximately 200 people were in attendance.

Dr. Gargas called the meeting to order.

Meeting Minutes: see Attachment I

Current membership of RASS: 599

Awards:

Best abstract: Visual Function Changes after Subchronic Toluene Inhalation in Long-Evans Rats. William Boyes, Laura Degn, Mark Bercegeay, Jean-Claude Mwanza, Charles Pinckney, Tracey Samsam, Andrew Geller, Philip Bushnell, *USEPA*

Best student abstract: Cross-Species Association Mapping Identifies Genetic Risk Factors for Liver Toxicity. Alison I. Hege, Mark W. Russo, Stephen Su, Pamela K. Ross, Ioannis M. Stylianou, Gary A. Boorman, Raymond Tennant, Molly A. Bogue, Kenneth Paigen, Timothy Wiltshire, Paul B. Watkins, Ivan Rusyn, and David W. Threadgill, *University of North Carolina*

Best postdoc abstract: Characterization of Sensitivity of Risk Estimates to Uncertainties Associated with Biologically Based Modeling of Formaldehyde Carcinogenicity. Yu-Ching Yang, Kai H Liao, Bruce C Allen, Yu-Mei Tan, and Harvey J Clewell. *CIIT Centers for Health Research*

Best Manuscript Advancing Risk Assessment Science: Yu, Xiaozhong; Griffith William C; Hanspers Kristina; Dillman James F; Ong Hansel; Vredevoogd Melinda A; Faustman Elaine M. 2006. A system-based approach to interpret dose- and time-dependent microarray data: quantitative integration of gene ontology analysis for risk assessment. *Toxicological Sciences*; Aug. 92 (2) p560-77.

Best Paper Demonstrating the Application of Risk Assessment: Cox, Louis Anthony Tony; Sanders, Edward. 2006. Estimating preventable fractions of disease caused by a specified biological mechanism: PAHs in smoking lung cancers as an example. *Risk Analysis*. 26 (4) p881-92.

Featured Speaker at RASS Reception:

Melvin E. Andersen, Ph.D., DABT

Toxicity Testing and Risk Assessment: Issues and Directions

Other Specialty Section 2006-2007 Activities:

Monthly Telecon Series – the State of our Science. Eight telecons held

- 10/06 A Biologically-Based Model for Low-Dose Extrapolation of Cancer Risk from Ionizing Radiation-Doug Crawford-Brown
- 11/06 Use of Developmental Neurotoxicity Data in Risk Assessment at EPA: Current Status and Future Efforts-Kathleen Raffaele and William Mundy
- 12/06 The Application of Genomic Dose-Response Data in Risk Assessment-Harvey Clewell and Rusty Thomas CIIT Centers for Health Research
- 1/ 07 Framework for Inorganic Metals Risk Assessment-Anne Fairbrother, Randy Wentsel, Bill Wood, Keith Sappington, and Pam Noyes Office of Research and Development
- 2/07 Benchmark Dose Evaluations for Acute Inhalation Exposures to Human Toxicants-G.V. Alexeeff, K. K. Deng, R. L. Broadwin, A. G. Salmon
- 3/ 07 Developing Tumor-Associated Somatic Mutations as Biomarkers of Cancer Risk-Barbara Parsons
- 4/07 Model Averaging: Beyond Model Uncertainty in Risk Analysis-Matthew W. Wheeler
- 5/07 The UNC Atmospheric Simulation Chamber Toxicology System-Effects of Chemical Transformations in Complex Mixtures-Harvey Jeffries, Kenneth G. Sexton, Seth Ebersviller, Kim de Bruijne, Erin Potts, Liz Naess

Submittal of comments on the OMB Risk Assessment Guidance Bulletin.

Compilation of graduate and postdoctoral training programs completed - database contains contacts for approximately 40 programs

Web site update and development of logo completed

Presented RASS informational poster at student/postdoctoral mixer

New Student Representative: Vishakha Bhawe

Distributed Logo Pins to RASS reception attendees

Attachment I. Agenda for Annual Meeting

- Accomplishments for 2005-06
- RASS Best Abstract Awards
- RASS Best Manuscript Awards
- Remarks by Incoming President
- Guest Speaker: Dr. Mel Anderson, Toxicity Testing, and Risk Assessment: Issues and Directions