

Drug Discovery Toxicology Specialty Section

ANNUAL REPORT: 2009-2010

May 1, 2009 to April 30, 2010

I. Officers/Committees:

Officers:

	<u>2009-2010</u>	<u>2010-2011</u>
President:	John W. Davis II	Cynthia Afshari
Vice President-elect:	Craig Thomas	John Wisler
Vice President:	Cynthia Afshari	Craig Thomas
Secretary/Treasurer:	Melissa Rhodes	Melissa Rhodes
Councilors:	Michael Lawton	Michael Breider
<i>Past-President</i>	Dan Kemp	Dan Kemp
SAC Representative:	Kyle Kolaja	John W. Davis II
PDA Representative:	Arunkumar Asaithambi	Arunkumar Asaithambi
	Kim Henderson	Kim Henderson

II. Activities

2010 SOT Annual Meeting Reception was held March 2010 in Salt Lake City, Utah and was well attended by the membership. John Davis, the President and Master of Ceremonies, gave the opening and closing remarks. Craig Thomas presented ideas for DDTSS-sponsored symposia, workshops and continuing education courses for the upcoming 2011 SOT Annual Meeting. New President Cindy Afshari presented plaques to the outgoing officers and introduced the new committee. In addition, Craig Thomas presented awards to the top three DDTSS Emil Pfitzer Student Awards funded by the Emil Pfitzer Student Award Fund within the SOT Endowment Fund. Student Poster winners are described below.

First place (\$1000 + GeneGo subscription)

Arun Asaithambi, Iowa State University; “Positive modulation of the novel anti-apoptotic kinase PKD1 can protect dopaminergic neurons against oxidative damage in Parkinson’s disease models”

Second Place (\$600)

Christina Powers, Duke University; “Developmental neurotoxicity of silver nanoparticles modeled in PC12 cells”

Third Place (\$300)

Sumitra Sengupta, Oregon State University; “The cryptic story of glucocorticoids”

Mike Lawton presented awards to the top three DDTSS Postdoctoral Awards. The winners are described below.

First place (\$1000 + GeneGo subscription)

David Castro, Burnham Institute for Medical Research; "Chemical genetic approaches to elucidate key signaling pathways for the differentiation of a mouse mammary cancer stem cell"

Second Place (\$600)

Peter Bui, UCLA; "Human cytochrome P450 2S1 is able to utilize fatty acid hydroperoxides to support benzo(a)pyrene 7, 8 dihydrodiol's bioactivation"

Third Place (\$300)

Harriet Kamendi, Astra Zeneca – Wilmington; "Multi-compartmental PK-PD modeling of baclofen"

Emil A. Pfitzer Student Award Endowment Fund Details: The Emil A. Pfitzer Drug Discovery Student Award Fund proceeds support our Specialty Section by providing student awards to outstanding students that apply modern toxicologic science in the field of drug discovery. The Pfitzer Fund was created by the initial generous contributions from Hoffmann-LaRoche, the Research Institute for Fragrance Materials (RIFM) and the family and friends of Emil Pfitzer. Dr. Pfitzer worked at Hoffman-LaRoche for 22 years serving as Vice President of Toxicology and Pathology where he championed the use of mechanistic toxicology. After retiring from Roche, he served five years as the President of RIFM. Dr. Pfitzer also served as President of the Society of Toxicology in 1985-1986. The balance of the fund as of June 30, 2010 is \$69,187.

Newsletters: Fall 2009 and Summer 2010 Newsletters were drafted and posted to the DDTSS website.

Other Specialty Section 2009-2010 Activities:

Date	Topic	Location
March 2010	Annual specialty section meeting	SOT Annual Meeting (Salt Lake City, UT)
March 2010	Primary sponsor of 3 accepted sessions and co-endorser of 13 accepted sessions	SOT Annual Meeting (Salt Lake City, UT)
March 2010	Student Poster Awards	SOT Annual Meeting (Salt Lake City, UT)
May, 2009- May-2010 (Quarterly)	Teleconferences – newsletter, scientific sessions, poster competition, and website planning	Teleconference