



Fall Newsletter 2019

2019-2020 DTSS

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President's Message

Dear colleagues,

It is an honor to serve you as President of the Dermal Toxicology Specialty Section. The DTSS officers are working hard on planning activities for the upcoming SOT Annual Meeting. We will have a DTSS poster displaying our activities and the 2019 awardees at the Graduate Student/ Postdoctoral Fellow Mixer and later in the Exhibition Hall. We are also planning for our business meeting and reception, where we will be presenting awards to students, fellows and members.

The DTSS could not function without the time and efforts of its officers and representatives. I would like to thank Zbigniew Wojcinski, Past President, Sara Farahmand, Senior Councilor, and Gabriella Wahler, Student Representative whose terms have ended but provided great leadership and service to us during their time in office. I also thank the current officers and representatives, Neera Tewari-Singh, Vijay Kannappan, Jeff Klein, Tom Lewandowski, Yoke-Chen Chang, Jeff Moehlenkamp, Laila Al-Eryani, Ana Ferragut Cardoso and Careen Khachatoorian.

One of the strengths of DTSS is our awards and travel grants that we present, particularly to the students and fellows. Our section is fortunate to have Battelle, Charles River and Stratacor sponsor these monetary awards. Informa Healthcare, the publisher of the journal *Cutaneous and Ocular Toxicology*, is the sponsor of the Informa Healthcare Award, presented at our reception. In this case the officers of DTSS select the awardee based on their dermal toxicology related publication in *Cutaneous and Ocular Toxicology*. Finally, our own section sponsors the DTSS Annual Paper of the Year Award. The officers of DTSS select the awardee based on published papers nominated by members within our Section. Nominations for awards sponsored by Battelle, Charles River, Stratacor and DTSS need to be submitted to Yoke-Chen Chang at Rutgers University by January 10, 2020. Questions regarding the Informa Healthcare Award can be directed to Jeff Moehlenkamp. More detailed information is provided under the Awards section within the DTSS website. MB Research Labs also provides a great door prize for the postdoctoral fellows and graduate students.

Two items I would like to see our section increase is our membership and visibility within SOT. We have about 140 members in DTSS. By my estimates, we have 4 graduate students and 3 postdoctoral fellow members. The student and fellow numbers are quite low and will not sustain the DTSS. We have initiated a two-year program to increase graduate student membership. A special funding mechanism has been developed for us by SOT whereby donations can be directed to graduate student DTSS membership fees. Please consider donating to this fund and sponsor a graduate student to join our SS. Hopefully this will help increase the number of student award applications. More information is provided in the newsletter. The second item is increased visibility within the Society. One way to accomplish this goal is to increase the number of sessions endorsed by DTSS at the Annual Meeting. This year we endorsed three proposals, and two were selected by the Scientific Program Committee to be part of the 2020 program. See below for more information about these two sessions. If the number of sessions presented at the annual meeting sponsored by DTSS are increased, our visibility will be increased. This will help us grow interest in our SS and our membership as well. I encourage you to work with Neera Tewari-Singh, our Vice President and Program Committee Chair, to prepare proposals for the 2021 meeting.

In closing, thank you for being part of the DTSS and I look forward to seeing you in Anaheim at the 2020 Annual Meeting.

Best regards,
Mike

New Officers

Welcome to our new officers and student/post-doctoral fellow representatives: Vijayavel (Vijay) Kannappan, Vice President-elect, Jeffrey Moehlenkamp, Junior Councilor, Ana Ferragut Cardoso, Postdoctoral Representative-elect and Careen Khachatoorian, Graduate Student Representative. Thank you for helping lead our specialty section.

DTSS Trainee Newsletter Section

Hello student and postdoctoral members! We hope that 2019 has been a great year for you so far. The 2019 Annual Meeting in Baltimore, MD began with the Student/Postdoc Mixer on Sunday evening. The Dermal Toxicology Specialty Section (DTSS) displayed a poster at the mixer and DTSS representatives interacted with many fellow trainees. The event provided a great forum for inquiry into the work and membership of our Specialty Section. Trainees also attended the DTSS reception, winning several awards and thanks to our great sponsors.

We look forward to the 2020 Annual Meeting in Anaheim, CA. One of the major events for trainees at the annual meeting is the graduate student/postdoc mixer on Sunday night. This event is a great opportunity to network, learn about SOT groups and programs, and enjoy delicious food.

Don't forget to request a free ticket when registering for the annual meeting! DTSS will display a poster at this event so please stop by and say hi. Additional trainee opportunities at the Annual Meeting include: 'Chat with an Expert' sessions, Poster Tours for Trainees, Trainee Discussions with Speakers, and the Tox ShowDown, a game show-style event.

Financial (as of June 2019)

Income

Contributions	1000
Membership Dues	2535
Registration	820
Interest	119
Total Income	4473

Expenses

Awards	2350
Reception	5481
Total Expense	7831

Excess (Deficiency)	(3358)
Net Assets Beginning of Year	5848
Net Assets End of Year	2491

DTSS thanks the sponsors of our awards



Informa Healthcare Award: In recognition of the best paper in dermal toxicology published in the journal *Cutaneous and Ocular Toxicology*.

Jessica C. raham, Nathan Wilt, ertrude -Emilia Costin, Caren Villano, Jackie Bader, Lindsay Krawiec, Elizabeth Sly and ould for “Evaluation of a tiered *in vitro* testing strategy for assessing the ocular and dermal irritation/ corrosion potential of pharmaceutical compounds for worker safety. *Cutaneous and Ocular Toxicology* 37(4), 380-390, 2018.

DTSS Paper of the Year Award: In recognition of an exceptional publication in the field of skin toxicology and pharmacology

Yoke-Chen Chang, Melannie Soriano, Rita A. Hahn, Robert P. Casillas, Marion K. Gordon, Jeffrey D. Laskin and Donald R. Gerecke for “Expression of cytokines and chemokines in mouse skin treated with sulfur mustard”. *Toxicology and Applied Pharmacology* 355, 52-59, 2018.

Stratacor Postdoctoral Award: In recognition of outstanding postdoctoral candidates for their contribution to skin-related research

Xue (Lucia) Liu
National Institutes of Health
“Human reconstructed epidermis and vascularized bio-printed skin tissues as tissue-in-a-dish models for drug screening”

Charles River Student Travel Award: In recognition of outstanding students for their contribution to skin-related research

Sarah Dickinson (Phelan)
University of Rochester

“The UV filter octinoxate modulates AhR activity via CYP1A1(and 1B1) inhibition”

DTSS Webinar

We will be holding our first DTSS sponsored webinar on January 13, 2020 at 1 pm. Sign up to listen to the 2019 DTSS Award winners (Yoke-Chen Chang, Lucia Liu, Sarah Dickinson) present their award-winning work. Use this link to register for the webinar, <https://aim-hq.webex.com/aim-hq/onstage/g.php?MTID=e7452cbf7993c4db6667849e2bbbcede0>. Contact Michael Hughes at hughes.michaelf@epa.gov for more information.

SOT FDA Colloquium

An upcoming colloquium sponsored by SOT and FDA entitled “Dermal Absorption and Toxicity: Concepts for Application to Safety Assessment” will be held on Thursday, December 12, 2019 from 8:30 am to 1:00 pm. More information and registration can be found at <https://toxchange.toxicology.org/p/bl/et/blogid=9&blogaid=3220>.

SOT 2020

This year DTSS will be sponsoring two workshops at SOT 2020. Congratulations to Victor Johnson and Marc Pallard for the selection of their workshop by SOT’s Scientific Program Committee. The title of this workshop is “Applicability Domains and Future of Nonanimal Tests for Skin Sensitization” and will be held on Monday, March 16, 2020 from 8:00 am to 10:45 am. Barry McIntyre and Michael Hughes also had their workshop, “Impact on Human Health of Sunscreen Active Ingredients Used to Filter Ultraviolet Light”, selected for presentation. This workshop will also be held on Monday, March 16, 2020 from 11:00 am to 12:30 pm.

DTSS Business Meeting and Reception

Wednesday, March 18, 2020
6:00-7:30 pm
Place to be determined.

Call for Candidates!

DTSS is looking for candidates for the upcoming election of our Section's Executive Council. We need candidates for Vice President-elect, Secretary/Treasurer, Junior Councilor. The terms begin May 1, 2020. This is an opportunity to develop your leadership skills, serve the interests of the Section, learn the workings of SOT and meet fellow scientists. Contact Michael Hughes at: hughes.michaelf@epa.gov for more information. A description of the officer roles and responsibilities is posted within the Officers page of the DTSS website.

Special Program to Recruit Graduate Student Members

Our SS has approximately 140 members, yet our graduate student membership is quite low. A quick analysis of our membership reveals we have only 4 graduate student members. To help increase our student membership, SOT Council has allowed us to initiate a two-year program whereby donations to our SS can be made to the section which will be used to sponsor the membership of a graduate student. Please consider making a tax-deductible donation to SOT/DTSS to increase our student members. Contact Michael Hughes at hughes.michaelf@epa.gov or Rosalie Duvic at rosalie@toxicology.org for more information.

DTSS Awards for 2020

We have several awards that will be presented at our reception during the Annual Meeting. These awards include DTSS Paper of the Year Award, Stratacor Postdoctoral Award, Informa Healthcare Award, Battelle Student Research Award, and Charles River Student and Postdoctoral Fellow Travel Grants. Deadline for submission is January 10, 2020. Contact Jeffrey Moehlenkamp at jmoehlenkamp@aclair.com for the Informa Healthcare Award and Yoke-Chen Chang at yochang@eohsi.rutgers.edu for all other awards. Additional information is available on the DTSS website under Awards.

Session Proposals for SOT 2021

One way to enhance the visibility of our Specialty Section is to sponsor sessions at the Annual Meeting. Chairing (or co-chairing) a session at the Annual Meeting is also an excellent way to develop your own career. Session proposals for the 2021 Annual Meeting will be solicited soon after the 2020 meeting. Start making plans to work with your colleagues to submit session proposals. There are number of session types at the Annual Meeting. Contact Neera Tewari-Singh at tewarisi@msu.edu or Michael Hughes at hughes.michaelf@epa.gov for more information.

Pictures of 2019 Award Winners



Councilor Sara Farahmand and DTSS Paper of the Year Award Winner, Yoke-Chen Chang



Councilor Sara Farahmand and Stratacor Postdoctoral Fellow Award Winner, Xue (Lucia) Liu



Councilor Sara Farahmand and Charles River Travel Award winner, Sarah Dickinson



Graduate Student Representative Gabriella Wohler and MB Research Labs door prize winner Rachel Bauer.

See you in California!



**59th Annual Meeting
& TOXEXPO • March 15–19, 2020**

Anaheim, California

<https://www.toxicology.org/events/am/AM2020/index.asp>