Hello DTSS membership!

I am delighted to serve as your President for this year. I know I am being “recycled” through our Officer ranks, but it is truly an honor for me to serve again. This is an important time as we begin to prepare for a new year of DTSS plans, programs and awards. Your DTSS Officers have already been hard at work getting ready for the upcoming annual meeting in New Orleans. This is always an exciting location for the annual meeting. If you are still in New Orleans on Thursday, March 17th, you will also have the added benefit of celebrating St. Patrick’s Day and watching the parade down Bourbon Street.

Our recently elected DTSS Officers for this year are Doug Learn as Vice President, Zbigniew Wojcinski as Vice President-Elect, and Margaret Kraeling as Councilor. We welcomed them to their respective DTSS leadership roles in May. Jill Harvilchuck continues to serve as our Secretary/Treasurer for this year. Neera Tewari-Singh continues as Councilor and will be instrumental, along with Margaret Kraeling, as the coordinating force behind getting our DTSS awards selected and presented at our reception. Jeffrey Klein has volunteered to lead the effort to update and revise our DTSS website.
The DTSS President’s Message, cont.

Shuxi Qiao serves as our as Post-Doctoral Representative. The DTSS Graduate Student Representative is Carrie Mae Long and our Vice Graduate Student Representative is Laila Al-Eryani. Shuxi, Carrie and Laila play an important role for DTSS as we strive to expand and integrate our student member’s interest in the area of dermal toxicology.

I would also like to thank Jens Thing Mortensen for serving as our President last year. He now transitions to Past-President and is still greatly needed and involved in our DTSS efforts. Please thank Jens for his dedication to DTSS, his friendship over the years and his sincere efforts to move our specialty section forward into the future. Thanks – Jens!

A couple of exciting new developments for this year include the initiation of DTSS Graduate Student Travel Awards and the redesign/updating of our website. You will learn more details regarding both of these efforts as you read through the newsletter.

DTSS endorsed a workshop session that will be part of the scientific program in New Orleans. The workshop is entitled “Safety Assessment of Topically Exposed Cosmetic Ingredients: Lessons Learned.” The workshop co-chairs are Bas Blaauboer and Andreas Schepky. We congratulate them both for putting together a successful workshop proposal!

As we move closer towards our next annual meeting, if you have any questions, concerns, requests or ideas, please feel free to contact me or any one of your other DTSS Officers. We are here to serve your needs as a specialty section and want to entertain any ideas you may have on improving our efforts as a whole. Also, please start thinking about potential ideas for the 2017 program proposals. This is one of our most important functions as a specialty section and we need your contributions for proposal submissions.

Hope to see you in New Orleans!

Jeffrey J. Yourick
DTSS President
The Mission of DTSS

The objectives of the Dermal Toxicology Specialty Section (DTSS) are to provide a forum for the interaction of individuals involved in risk assessment, pharmacokinetics, dermal penetration/absorption, hypersensitivity and dermal toxicity, regulatory issues, basic skin biology and other professionals working in the field of dermal research. Members who wish to receive more information on the specialty section should contact Jens Mortensen or any of the other Officers by e-mail.

DTSS Activities include:

- Presents/sponsors programs and educational activities;
- Acts as a resource to the SOT in dermal toxicology;
- Relates developments in dermal toxicology to SOT activities; and
- Stimulates growth in the science of dermal toxicology.
DTSS Website to Get a Facelift

As many of you know from visiting the DTSS website through the SOT portal, the information is a bit sparse and the pictures are a bit old. This year, the SOT website group has reached out to the DTSS team to offer the opportunity for a newly designed website with updated links, newer pictures, and brand new content.

While the offer of a brand new shiny website is a wonderful thing for the DTSS, we need input from as many people as possible to provide content, let us know what links would be helpful for you, and generally make the site a place that will be a useful resource to our members.

This is not a call for immediate action, but rather a call for thought. We have some time before the new website will be implemented, but members need to start thinking about the items that they would like to see to improve the visibility and usefulness of the site. As the website liaison between the DTSS and the SOT, I would like to try and include as many ideas as people have so that the updated website is a reflection of all members.

Please take the time to think of new ideas and send them on to Jeff Yourick at Jeffrey.yourick@fda.hhs.gov to ensure that your voice is heard. Updates will be sent once it is determined when the new DTSS website will be available.
Upcoming Conferences & Events

- **March 4-8, 2016**: American Academy of Dermatology 74th Annual Meeting, Washington, DC (https://www.aad.org/meetings/2016-annual-meeting)

  
  **Early Bird Registration**: January 15, 2016

- **March 30 – April 1, 2016**: Perspectives in Percutaneous Penetration, Fifteenth International Conference, La Grande Motte, France. (http://www.pppconference.org/resources/ppp.html)

- **May 11-14, 2016**: Society of Investigative Dermatology (SID) 2016 Annual Meeting, Scottsdale, AZ, USA (http://www.sidnet.org/2016annualmeeting)

- **May 31 – June 3, 2016**: International Society for Biophysics and Imaging of the Skin, Lisbon, Spain (http://www.isbs2016.com/)

2017 Annual DTSS Meeting

While the 2016 annual meeting seems to be far away, now is the time to begin to develop submissions for the 2017 program (symposia, workshops, continuing education courses). There are many areas of research, safety evaluation, and regulatory interest covered by the DTSS members that are applicable to submissions to the 2017 SOT annual meeting program. Right now we need a broad concepts or idea, and the SOT office and the DTSS Officers can provide assistance in fleshing out those ideas. Collaboration with other specialty sections and integrative sessions are particularly sought out and increase the probability of successful acceptance (and spreads out the responsibilities). Please send your thoughts and suggestions to any of the DTSS officers (contact information in the newsletter and on the web site). We would love to have several to discuss at the DTSS reception and meeting, and we can also meet in New Orleans outside of the reception to further discuss your ideas.

On behalf of the DTSS Officers and the members, thanks. We look forward to your suggestions and comments.
Membership and Award Opportunities

DTSS Members – Would you like to become more active in DTSS?

If you have any suggestions or recommendations on how to make our specialty section better or better able to serve your needs, please email your suggestions to Jeff Yourick at:

Jeffrey.Yourick@fda.hhs.gov

Membership Drive and Award Opportunities

As always, we encourage you to apply for membership at this website: http://www.toxicology.org/groups/membership/joinSOT.asp.

DTSS members have the opportunity to apply for a number of DTSS sponsored awards. The Best Paper Award is awarded in recognition of an exceptional recent peer-reviewed publication in the field of dermal toxicology and pharmacology. The Stratacor Postdoctoral Abstract Award recognizes a postdoctoral candidate for his/her contribution to dermal toxicology. Battelle Student Research Award is awarded to a graduate student for use in research projects involving dermal toxicology. The Informa Healthcare Award is presented for the best paper in dermal toxicology published in the Journal of Cutaneous and Ocular Toxicology. The DTSS 2016 award winners will be announced at the 2016 SOT Annual Meeting in New Orleans, LA. Also, Charles River will sponsor $500 each towards travel grant for two students and one postdoctoral fellow to attend the Society of Toxicology Annual Meeting.
DTSS Financial Report:

The net DTSS assets as of August 2015 are $11,646. This amount includes our budget after clearing all expenses from the 2015 Annual meeting. The cost of the DTSS reception and Officer’s meeting at the 2015 Annual Meeting was $3,129.00. The cost of the 2015 awards and plaques was $6,850.00.

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<thead>
<tr>
<th>Ordinary Income/Expense</th>
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<tbody>
<tr>
<td>Income</td>
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<td>Membership Dues</td>
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<td>Misc.Income/Other</td>
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<td>Awards - Sections</td>
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<tr>
<td><strong>Total Expense</strong></td>
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Excess (Deficiency) of Revenue over Expenses: 

- (2,450)

Net Assets Beginning of year: 14,096

Transfers from General Fund: -

Net Assets After Transfers: 14,096

Net Assets End of Year: 11,646
The **DTSS Best Paper of the Year** award went to Yoke-Chen Chang (Rutgers University, Piscataway, NJ) for her study on sulfur mustard published in the journal Toxicology and Applied Pharmacology.

The **Sinclair Student Award** was given to Laila Al-Eryani (University of Louisville, Louisville, KY) for the work: ‘MicroRNA profile changes in immortalized human keratinocytes after low arsenic exposure’.

The **Stratacor Post-Doctoral Award** went to Changzhao Li (University of Alabama at Birmingham, Birmingham, AL) for his work: ‘ROS-mediated induction of UPR signaling underlies pathogenesis of lewisite-induced skin lesions’.

The **Battelle Research Awards** went to two students: Carrie Long (CDC-NIOSH, Morgantown WV) for the proposal ‘Increased Expression and Immunoregulatory Potential of microRNA 210 in a Murine Model of Dermal TDI Sensitization’ and Dongxi Xiang (School of Medicine, Deakin University, Australia) for the proposal ‘A new paradigm in drug development for targeting tumourigenic cells’.

In addition, a **Kindle Fire HD** was awarded as a door prize from contact information submitted during the 2015 Student-Postdoc Mixer. This prize was sponsored by MB Research Labs.

Please visit the Dermal Toxicology Specialty Section website for information about awards and travel grants available for 2016:

- Dermal Toxicology Specialty Section Annual “Paper of the Year” Award
- Dermal Toxicology Specialty Section Informa Healthcare Award
- Dermal Toxicology Specialty Section Battelle Student Research Award
- Dermal Toxicology Specialty Section Stratacor Post-Doctoral Award
- Dermal Toxicology Specialty Section Charles River Sponsored Student and Postdoctoral Travel Grants

Further information can be obtained from DTSS Senior Councilor, Neera Tewari-Singh, and applications for all awards should be sent at Neera.tewari-singh@ucdenver.edu. The deadline for all applications is January 31, 2016.
Hello student and postdoctoral members! We hope that this newsletter reaches you well and that you are having a successful and enjoyable year. There are a variety of opportunities and announcements pertaining to graduate student and postdoctoral members that we would like to make you aware of.

The Graduate Student Leadership Committee (GSLC) and Postdoctoral Assembly (PDA) have announced several activities that trainees can participate in during the Annual Meeting in 2016. The Student/Postdoctoral Scholar Mixer will be held on Sunday, March 13 from 7:30-9 PM. Don’t forget to obtain your free ticket by registering for this event on your meeting registration form. The Chat with an Expert sessions will take place on Monday, March 14 through Thursday, March 17. This unique program is a great opportunity for trainees to network with established toxicologists to obtain career advice. Please refer to the Chat with an Expert web page for more information and registration information. Poster Tours for Trainees will also take place from Monday, March 14 to Wednesday, March 16. Several Trainee Discussions with speakers will be held throughout the week; these events provide an excellent opportunity to interact with distinguished speakers in an informal setting. The Tox ShowDown will be held on Tuesday, March 15 at 7:30 PM. This event is a fun and entertaining game show-style event and attendance is open to all meeting attendees! Further details about these events and many other opportunities are posted on the following website: http://www.toxicology.org/events/am/AM2016/studevent.asp. Also, award deadlines are approaching so don’t forget to apply for trainee awards, which are listed at https://www.toxicology.org/awards/sot/awards.asp.

Additionally, SOT offers many useful career development resources for trainees, including the Job Bank and Mentor Match Program. Information about these resources can be found at https://www.toxicology.org/careers/.

Thank you for the opportunity to serve the specialty section and its members. We are eager to receive any comments, concerns, or suggestions as to how we can optimally serve the specialty section’s students and postdocs. See you in New Orleans!

-Shuxi Qiao, Postdoctoral Representative
-Carrie Long and Laila Al-Eryani, Graduate Student Representatives
Recent DTSS Member Publications

The following is a list of publications self-reported by DTSS members that were published in 2015:


Thalita B. Zanoni, Felipe Hudari, Armelle Munnia, Marco Peluso, Roger W. Godschalk, Maria Valnice B. Zanoni, Gertjan J.M. den Hartog, Aalt Bast, Silvia B.M. Barros, Silvya S. Maria-Engler, Geja J. Hageman, Danielle Palma de Oliveira. The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. (Toxicology Letters, In Press, Accepted Manuscript, Available online 9 October 2015).

Recent DTSS Member Publications cont’d


Please forward this newsletter to your colleagues that might be interested in becoming a member of DTSS!
Pictures from 2015 DTSS Reception

The Dermal Toxicology Specialty Section Executive Council for 2014-2015 is pictured here.

Dr. Jens Thing Mortensen receives a plaque signifying his service as president of the specialty section for 2014-2015.
Dr. Anil Jain receives recognition for his service to DTSS as our Postdoctoral Representative.

A lucky member of the specialty section won a Kindle Fire HD as the door prize based on contact information submitted during the 2015 Student-Postdoc Mixer. This prize was sponsored by MB Research Labs.
The **Sinclair Student Award** was accepted by Laila Al-Eryani (University of Louisville, Louisville, KY) for her work: ‘MicroRNA profile changes in immortalized human keratinocytes after low arsenic exposure’.

The **DTSS Best Paper of the Year award** went to Dr. Yoke-Chen Chang (Rutgers University, Piscataway, NJ) for her study on sulfur mustard published in the journal *Toxicology and Applied Pharmacology*. 
Carrie Long (CDC-NIOSH, Morgantown WV) accepts the Battelle Research Award for her poster entitled: ‘Increased Expression and Immunoregulatory Potential of microRNA 210 in a Murine Model of Dermal TDI Sensitization’.

Dr. John Graham receives recognition for his service as Past President.
Dr. Adrienne Black receives recognition for her service as Councilor.

Dr. Jeffrey Yourick addresses the crowd as the incoming president of the specialty section.