

Fall Newsletter, 2012

President's Message Fall 2012

Dear SOT Colleagues,

It is my honor to serve as President of the Medical Device Specialty Section (MDSS) this year. As President, I have two goals that I'd like to share with you and get your input on. First, as a scientific professional society, I think it's important to identify an emerging scientific issue that we as a specialty section can make an impact on. Many of you are familiar with the Tox21, Risk21, and NexGen programs that are attempting to advance the concepts laid out in the National Research Council (NRC) report, *Toxicity Testing in the 21st Century: A Vision and a Strategy*. I'd like for us to begin to consider how we can practically implement these recommendations for the biological evaluation of medical devices. As a first step, we are planning to hold a webinar in the Winter or early Spring to begin a dialog on this issue. If you have any thoughts on how the recommendations of the NRC report can be applied to implement a better biocompatibility testing strategy for devices, then we are eager to get your input on this issue. Please contact me at ronald.brown@fda.hhs.gov with your suggestions.

My second goal for this year is to broaden awareness of the MDSS award program, in particular the Student Travel Award. As you know, the award provides travel funds up to \$1,000 for students to attend the Annual Meeting. Unfortunately, we didn't have any applicants for the award last year, so to expand the pool of candidates, the Executive Committee approved the eligibility of undergraduate students for the award in addition to graduate students. As a result, I would like to ask each of you to notify promising graduate and undergraduate students of the availability of the award. Their work, which must be presented at the Annual Meeting, can either be directly related to device toxicology or it can address a risk assessment or toxicology issue that is broadly applicable for the biological evaluation of medical devices (e.g., metals, genotoxicity testing, nanoparticles, mixtures, *in vitro* techniques, sensitization, etc.). In addition to the Student Travel Award, I would like to invite each of you to submit a nomination for the Best Paper Award and the Best Abstract Award. The criteria and deadlines for all of the MDSS awards can be found on page 4 of this newsletter, and on the [SOT awards page](#).

Finally, I would like to invite you to renew your membership in the MDSS when you renew your SOT membership. Our membership has more than doubled since our first year and it's important to continue this growth trend for the specialty section to be sustainable. In addition to renewing your own membership, I'm hoping that you will also reach out to SOT-member colleagues who have an interest in medical device toxicology but are not currently members of the MDSS, and invite them to join.

I look forward to hearing your thoughts on the application of new risk assessment approaches for the biocompatibility evaluation of medical devices and your nominations for the MDSS-sponsored awards.

Ron Brown, MDSS President

SAVE THE DATE!
MDSS Reception
Wednesday, March 13,
Grand Hyatt San Antonio,
San Antonio, TX

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Treasury Update

The MDSS bank account currently has over \$14,000, which is more than we had at the beginning of 2012. The increase is due to recent sponsorship from Ethicon, Inc. (\$2,000) and Medtronic (\$1,000), plus membership dues (\$859). Based on our relatively small size, we appreciate corporate contributions and look to members and their companies to help us fund our activities.

Visit our website for more information on the MDSS:
<http://www.toxicology.org/ISOT/SS/mdss/Index.asp>

Balance as of April 30, 2012		\$10,187
2012 Conference & Awards Expenses		-3,336
Income	- Corporate Sponsors	3,000
	- Membership	859
Balance September 2012		<u>\$14,317</u>

Future expenses will include conference fees and award checks in preparation for SOT San Antonio 2013. As these costs are likely to increase, we encourage our members to help recruit other professionals to the specialty section.

Please consider making a tax-deductible donation of any amount to support MDSS. MDSS accepts donations by check or credit card. Checks may be sent to:

Medical Device Specialty Section
Society of Toxicology
1821 Michael Faraday Drive, Suite 300
Reston, VA 20190

All donations should include the donor's name, contact information, donation amount, and payment information.

For credit card transactions contact Kim von Brook at SOT HQ (Kimberly@toxicology.org; 703-438-3115).

When the donation is completed a receipt will be sent to the donor and SOT will notify the MDSS President and Treasurer.



Dues Reminder – Please Keep Your Membership Current!

2012 MDSS Awards

The MDSS Program and Awards Committee has continued to develop and promote three different distinctions to be presented each year at the SOT Annual Meeting. The Executive Committee would like to thank the Awards Committee for reviewing the applications and selecting the winners. The Awards Committee members are Richard Hutchinson, Ronald P. Brown, Gregory L. Erexson, Jeffrey C. White and Joel Gorski.

Congratulations to the 2012 Award Winners:

Medical Device SS Best Overall Abstract Award

KP Coleman, JW Casas, GM Lewerenz, EA Rankin, JA Willoughby, Sr., LC Blakeman and JM McKim, Jr.

Evaluation of an In Vitro Human Skin Irritation Test for Use with Medical Device Extracts



Ron Brown, James McKim, Jr., Jamin Willoughby, Sr., Kelly Coleman, and Jon Cammack

Medical Device SS Best Published Paper Regarding Medical Devices Award

DR Doerge, NC Twaddle, M Vanlandingham, RP Brown, and JW Fisher.

*Paper: Distribution of bisphenol A into tissues of adult, neonatal, and fetal Sprague-Dawley rats.
Toxicol Appl Pharmacol. 2011 255(3):261-70.*



Ron Brown, Dan Doerge, and Jon Cammack



2013 MDSS Awards

Please note the following deadlines and award requirements for applications/nominations for awards to be given at the MDSS Reception during the 2013 SOT Annual Meeting in San Antonio.

2013 MDSS AWARD DEADLINES

***Student Travel Award:
February 8, 2013***

***Best Published Paper
Regarding Medical
Devices Award:
January 27, 2013***

***Best Overall Abstract
Award:
February 8, 2013***

Student Travel Award (Deadline February 8, 2013) – The MDSS’s Student Travel Award provides travel awards to one or more graduate or undergraduate students to participate in the Annual Meeting of the SOT. Recipients of this award will be selected by a committee jointly appointed by the leadership of the Medical Device Specialty Section. The MDSS Student Travel Award Recipient(s) will be selected based on the scientific quality of the abstract of a presentation that applies mechanistic toxicology to risk assessment and that has been accepted for presentation at an Annual Meeting of the SOT. The abstract and presentation should be based on the student's research. To be eligible, the student or postdoctoral fellow must be first author and the abstract must have been accepted by the Program Committee. Winner(s) receive a Travel Award of \$1,000 (each) and a 5x7 inch award plaque.

Best Published Paper Regarding Medical Devices Award (Deadline January 27, 2013) – Any paper published in a peer-reviewed journal between January 2011 and December 2011. Papers should illustrate techniques or approaches that are likely to significantly advance the science and/or application of medical devices. Winner receives a 5x7 inch award plaque.

Best Overall Abstract Award (Deadline February 8, 2013) – Any abstract submitted to SOT for the Annual Meeting that indicates a medical device focus or impact is eligible for this Best Abstract Award. Winner receives a 5x7 inch award plaque.

Information for these awards can be found at <http://www.toxicology.org/ai/af/awards.aspx>.

The award applications along with the supporting documents should be sent to the MDSS President, Ron Brown (ronald.brown@fda.hhs.gov), by the deadlines outlined above.

If you have any suggestions or questions about the MDSS awards and the application process please contact Ron Brown at ronald.brown@fda.hhs.gov

Membership Update

Contact: Kelly Coleman (Chair) and Lori Moilanen (Vice Chair)

Demographics: The MDSS was formed in 2009 with 51 founding members; as of August 2012, MDSS membership had grown to 111. Our members come from industry, government, consulting, and academia. Educational backgrounds range from BS degrees to those with multiple doctorates and MBAs. Membership metrics include the following:

- 79% have a doctoral degree
- 54% are from industry
- 53% are DABT
- 19% are consultants
- 16% are from CROs
- 11% have dual certifications
- 10% have two doctorates
- 6% are from government
- 5% are from academia

Besides 59 DABTs, there are also 5 RAC, 3 FATS, 2 DAVCP, 1 DACVPM, and 1 DABVT. SOT membership status includes 74 Full, 28 Associate, 4 Student, and 5 Full International members.

Recruitment: We've surpassed our 2012 goal of 100 members. To diversify our ranks, the Membership Committee would like to continue our focus on recruiting student, academic, and international members. To that end we would like each of you to ask any of your friends or colleagues who might be interested to consider joining the MDSS. Also, if you have any recruitment suggestions, please let us know, we're interested in your ideas.

Size: There are currently 27 specialty sections with a total membership of about 6,800. Their size ranges from 67 to 809 members. Three years ago the MDSS was the smallest, but now there are 4 other sections which are smaller, so we're making progress!

Welcome to the following MDSS New Members for 2012!

- Fatima Arjmand
- Joseph Carraway
- Gloria Frost
- Andrew Gottfried
- Keith Hostetler
- Darin Kent
- Lawrence Mainwarin
- John Mitchell
- Scott Mobley
- Stephanie Rejzer
- Shambhu Roy
- Shang-Zhi Xu

MDSS Website Updates

The MDSS community is invited to submit medical device toxicology positions to the MDSS leadership team for posting on the MDSS website. Submissions should be sent to Alan Hood at hooda@bsci.com and include job title, brief description, contact name/phone/email, open/close date.

Activities Sponsored by the Medical Device Specialty Section Society of Toxicology 52nd Annual Meeting San Antonio, TX March 10-14, 2013

Reception/Business Meeting: Medical Device Specialty Section
Wednesday, March 13, 6:00-7:30 PM, Grand Hyatt San Antonio

Workshop (co-sponsored by the MDSS and the Ocular Toxicity SS): Ocular Medical Devices and Ocular Drug Delivery Systems: Challenges and Opportunities,
THURSDAY, March 14, 2013 from 9:00 AM to 11:45 AM.

Upcoming Events

Biocompatibility and Performance of Medical Devices Symposiums

Conference Locations:

London, England
February 12-14, 2013
London Hilton on Park Lane
22 Park Lane
London, United Kingdom

Minneapolis, MN
May 14-16, 2013
Hilton Minneapolis
1001 Marquette Avenue South
Minneapolis, MN



Consider Organizing A Contemporary Concepts in Toxicology Meeting

Contemporary Concepts in Toxicology (CCT) Meetings expand the opportunities and forums for members to engage in the exchange of ideas and information relevant to toxicology.

CCT Meetings are one- to two-day focused, open registration, scientific meetings in contemporary and rapidly progressing areas of toxicological sciences. CCT Meetings also can be held as webinars.

If you think that your research area could be enhanced by thought leader collaboration or that public health and safety could be improved by disseminating your research findings more broadly, please consider organizing an SOT CCT Meeting. The CCT Conference Committee and the SOT Headquarters staff are prepared to help move your meeting forward.

The Society will underwrite all the liabilities of the CCT Meeting (up to the \$25,000 in seed money) with the expectation that the meeting at least break even financially. Any profits from the meeting would be shared between SOT and the specialty section. For more information about CCT Meeting, please visit the [SOT website](#).



***SAVE THE DATE! Wednesday, MARCH 13, MDSS
Reception, Grand Hyatt San Antonio, San Antonio, TX***