President’s Message

We are looking forward to seeing as many of you as possible in sunny San Antonio in just over a week. Good luck with your travel plans and presentations. If you are not able to travel this year, we will miss you. We wanted to get you some information that we’ll be sharing at the Annual Meeting so that you can use it to refine your meeting plans.

RASS has been quite active this year, making some changes, improvements, etc. First, our awards chairs, Laurie Haws and John DeSesso moved the application deadline for papers and named awards (Doull, Gehring, Rubin) forward a few weeks to allow a more timely judging and notification process. Due to this change, we are proud to be able to announce our award winners before the meeting, so that you can make plans to view their presentations. Information on Student and Post Doctoral Award winners, Best Abstracts and Best Papers is contained herein, including abstract numbers, dates and times of presentations. These award-winning scientists will be recognized at our reception, Tuesday, March 12 at 6:00 pm in the Grand Hyatt Hotel, Texas Ballroom D. All winners have been notified and those making poster presentations have been invited to display their work during the RASS reception.

Since we did all this work to shift deadlines forward and since we imposed on several highly sought-after individuals as judges and then hounded them relentlessly for results (they were each very gracious, too!)– the results are also going to be available on the RASS poster. The poster will be up during the RASS Mixer.

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Much of the content of this RASS Newsletter is geared toward the Annual Meeting.

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President’s Message, Cont’d

Tox Expo in the exhibition hall – please check it out! This poster will be displayed at the Graduate Student/Post Doctoral reception Sunday evening, and it will also be displayed at our RASS reception. Special thanks go out to Laurie Haws, John DeSesso and all the judges. Way to go!

And, speaking of the reception … last year RASS polled our membership regarding the desire for a scientific presentation during our reception, or simply unstructured time to mix and mingle. We announced the results at the reception last year, which was, a roughly 48/52% split. Last year, we had a short program on EPA’s IRIS program. This year, we have worked with the Regulatory and Safety Evaluation Specialty Section (Paul Brown, President) to join them for their Great Debate, which will begin at 7:00 p.m. Tuesday in Texas ballroom A. RSESS has invited any and all RASS members to come enjoy this lighthearted examination of non monotonic dose response issues.

RASS has begun an outreach program to increase our membership, which will allow us to continue and expand the services we offer to our members. Recently, a new initiative has been undertaken by the SOT Membership Committee (Co Chaired by our own Michael Dourson!) and the Specialty Section Collaboration and Communication Workgroup (Co-Chaired by yours truly). These groups have worked together to develop a new activity that asks individuals applying for SOT membership to identify specialty areas of toxicology in which they are interested. Once these new members are admitted, their names are forwarded to the respective Specialty Sections. RASS has already sent targeted mailings to fourteen individuals from the fall 2012 class of members (Full, Associate, Post Doctoral and Student members) and has plans to repeat the activity for the January 2013 class of new members. It is yet too early to tell how this will work out, but we are hopeful.

Out of a membership of over 700, RASS has about 40 student and post doc members. We should increase that number, so that we can make opportunities to let those young people know about risk assessment, what we do, and how their technical skills and knowledge base can (and do) fit into our daily work. We have begun to offer free membership to students and post docs who apply for our named awards. If any of you work with graduate students or post docs, please encourage them to join our ranks, so that they can take part in our activities. Under the guidance of our Post Doctoral Representative, Roxana Weil and our Graduate Student Representative, Jose Torres, RASS has conducted some activities that will be useful in informing Students and Post Docs about risk assessment and RASS. Jose suggested and took the lead in administering a survey to many established risk assessors to summarize a listing of skill sets looked for in individuals wishing to pursue careers in risk assessment. Something new and likely catchy for this year is a bookmark developed by Roxana, which contains information on award winners, reception details, sponsored sessions, etc in a QR linked format. This will be handed out Sunday evening at the PDA/GSLA reception. And I bet it will generate a lot of new interest in RASS. Did you know that under the leadership of Annie Jarabek, RASS develops and sponsors ten webinars on risk assessment topics each year? These (slides and audio) are archived on the web for later viewing, which will come in handy for those of you needing CE credits through the year, or who want to browse the list and add to your knowledge base. Details on the webinars and several other on-line courses and meetings can be found further below in this newsletter. If you have webinar topics to suggest, please let Annie know.

You recently received a link to a survey conducted by George Mason University and Harris Polls. If you did not, please check your Spam filters for a message on February 13 from “[rass.annc]JohnMDeSesso”. The response rate has been low and we need to hear back from you, please. More details on the survey can be found in this issue of the newsletter.

Cont’d on p. 3
President’s Message, Cont’d

At present, we have had only about one hundred responses from RASS’ membership of over 700. We need to improve that. The survey didn’t happen by itself. GMU contacted SOT to ask if they could survey RASS, and SOT sent the request to us. Because I was COI’d out, given that GMU wanted to use the results to lobby for changes in risk assessment policies, including those administered by the U.S. government, John DeSesso, with input from Laurie Haws, had a long and in depth interaction with the survey’s developer to improve and expand the survey. This was real work, undertaken in a thoughtful manner. The results will be statistically analyzed by Harris Polls, John has negotiated a spot on the group that will evaluate and develop the report-out on survey results, which may include publication in the peer reviewed literature. Once they had the survey revised, GMU also sent the survey request to members of the Society for Risk Analysis. We will make sure to disseminate the findings when they are available.

Finally, I want to thank each and every one of you for your support of RASS. RASS is the second largest Specialty Section in our Society - and, because of members like you, we are energetic, organized, productive, effective and fun. I never thought I would have the opportunity to work with such a bunch of people each of which are absolutely top-flight.

John C. Lipscomb, PhD, DABT, ATS
President
Risk Assessment Specialty Section

RASS Mixer and
The Great Debate (RSESS)

The RASS mixer will be held in the Grand Hyatt Texas Ballroom D on Tuesday, March 12, from 6:00 until 7:30 pm. RASS will present awards and required business information at the beginning, followed by time for socializing. RASS and the Regulatory and Safety Evaluation Specialty Section are teaming up to present the Great Debate, which will be held in Texas Ballroom A from 7:00 until 7:30. Those interested can take the short walk over to this lighthearted foray into the controversial topic of low dose extrapolation.

Arnold Lehman Award Winner,
Dr Moiz Mumtaz

First presented in 1980, the Arnold J. Lehman Award recognizes an individual who has made a major contribution to risk assessment and/or the regulation of chemical agents. Congratulations to Dr Moiz Mumtaz upon being selected recipient of the 2013 Arnold Lehman Award. Moiz’ tireless work over the past 25 years has focused on development of risk assessment methods with an emphasis on chemical mixtures and cumulative risk assessment. The award will be presented during the Awards Ceremony, Sunday at 5:15 p.m. in the Convention Center.
SOT’s Endowment Funds and Risk Assessment Specialty Section Award Winners for 2013

The Rubin, Doull and Gehring Awards are made possible through SOT’s Endowment funds. RASS and the award recipients gratefully acknowledge those contributions and ask that you consider making a small contribution to the Endowment Funds. Visit http://www.toxicology.org/AI/CSOT/contribute.asp or call SOT at 703 438 3115 to make your arrangements.

Each year, RASS evaluates abstracts accepted for presentation at the annual meeting. Named awards funded by the Endowment fund account for four awards presented to students or post docs. RASS recognizes these winners with a $500 check from the Endowment Fund and plaque, and their advisors each receive a plaque. The final abstract award is not restricted by membership type and is presented for the meeting’s Overall Best Risk Assessment Abstract. RASS presents the lead author of the Best Overall Abstract with a plaque. RASS is grateful to these SOT members for serving as abstract judges: John DeSesso (Chair), John Lipscomb, Ivan Boyer, Cecilia Tan, David Saltmiras, Dave Eaton (Mechanisms SS), Terry Kavanagh (Mechanisms SS). For more information on RASS awards including deadline and point of contact, please consult the RASS home page.

John Doull Award, Rachel Church (right)


Robert J. Rubin Award, Xiao Pan (left)


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Award Winners, Cont’d

Perry J. Gehring Best Post Doctoral Student, Merrie Mosedale (right)


Perry J. Gehring Best Graduate Student, Virunya S. Bhat (left)

Virunya Bhat, Susan Hester, Steve Nesnow, and David Eastmond. UC Riverside and U. S. EPA. Concordance of Transcriptional and Apical Benchmark Dose Levels for Conazole-Induced Liver Effects in Mice. Abstract 1946, Board 536 in Risk Assessment II: Critical Considerations and Characterizations Poster Session. Wednesday, March 13, 9:00 a.m. until 12:30 p.m.

Best Abstract


“Top Ten” Meeting Abstracts

Authors: Christopher Kirman, Summit Toxicology LLP, Orange, OH
Mark A Harris, ToxStrategies, Katy, TX
Laurie C. Haws, ToxStrategies, Austin, TX
Sean M. Hays, Summit Toxicology LLP, Allenspark, CO
Deborah M. Proctor, ToxStrategies, Rancho Santa Margarita, CA
Mina Suh, ToxStrategies, Rancho Santa Margarita, CA
Chad M. Thompson, ToxStrategies, Katy, TX

Title: Using PBPK Modeling to Address Diurnal Variation and Age Differences in Hexavalent Chromium Toxicokinetics in Humans

Abstract#: 517 Poster Board - 335
Session Title: Pharmacokinetics and Disposition
Session Date: Monday, March 11, 2013
Session Time: 1:00 PM

Cont’d on p. 6
“Top Ten” Meeting Abstracts, Cont’d

Authors: Merrie Mosedale, The Hammer Institutes for Health Sciences, Research Triangle Park, NC
Karissa Adkins, Pfizer, Inc., Groton, CT
J. Scott Eaddy, The Hammer Institutes for Health Sciences, Research Triangle Park, NC
Alison H. Harrill, The Hammer Institutes for Health Sciences, Research Triangle Park, NC; The University of North Carolina at Chapel Hill, Chapel Hill, NC
C. Lisa Kurtz, The Hammer Institutes for Health Sciences, Research Triangle Park, NC
Paul B. Watkins, The Hammer Institutes for Health Sciences, Research Triangle Park, NC; The University of North Carolina at Chapel Hill, Chapel Hill, NC
Hong Wu, Pfizer, Inc., Groton, CT

Title: Safety Assessment of a Novel Antibiotic Using a Mouse Population-Based Approach Predicts Risk of DILI in Humans Where Classical Models Fail

Abstract#: 716 Poster Board - 591
Session Title: Risk Assessment I: Advances in Approaches and Technologies
Session Date: Monday, March 11, 2013
Session Time: 1:00 PM

PERRY J. GEHRING STUDENT AWARD WINNER

Authors: Sesha Hanson-Drury, Systems Toxicology and Exposure Science, Pacific Northwest National Laboratory, Richland, WA
Justin G. Teeguarden, Systems Toxicology and Exposure Science, Pacific Northwest National Laboratory, Richland, WA

Title: Systematic Review of BPA “Low Dose” Literature in the Context of Human Dosimetry Exposes a Need to Set Standards for Responsible Communication of Both Toxicity and Exposure Data

Abstract#: 1261 Poster Board - 223
Session Title: Exposure Assessment: New Characterizations, Methods, and Models
Session Date: Tuesday, March 12, 2013
Session Time: 1:00 PM

Authors: Donatello Telesca, Biostatistics, University of California Los Angeles, Los Angeles, CA
Justin G. Teeguarden, Biological Sciences, Pacific Northwest National Laboratory, Richland, WA
Andre Nel, Nanomedicine, California Nanosystems Institute, University of California Los Angeles, Los Angeles, CA
Joel G. Pounds, Biological Sciences, Pacific Northwest National Laboratory, Richland, WA
Brian D. Thrall, Biological Sciences, Pacific Northwest National Laboratory, Richland, WA
Tian Xia, Nanomedicine, California Nanosystems Institute, University of California Los Angeles, Los Angeles, CA
Haiyuan Zhang, Nanomedicine, California Nanosystems Institute, University of California Los Angeles, Los Angeles, CA

Title: Computational Dosimetry Driven Hazard Ranking of 25 Metal Oxide Nanomaterials Using Low- and High-Throughput In Vitro Toxicity Data

Abstract#: 1734 Poster Board - 201
Session Title: Nanotoxicology—In Vitro
Session Date: Wednesday, March 13, 2013
Session Time: 9:00 AM

Authors: Joanne Wan, Intertek Cantox, Mississauga, ON, Canada
Jeffrey W. Card, Intertek Cantox, Mississauga, ON, Canada
Hanna Fikree, Intertek Cantox, Mississauga, ON, Canada
Lois Haughton, Intertek Cantox, Mississauga, ON, Canada
Valentia Lee-Brotherton, Intertek Cantox, Mississauga, ON, Canada
Bart Sangster, ASAT Foundation, Leidschendam, Netherlands

Title: Evaluation of Tumor Pathology Concordance Between Epidemiological and Rodent Studies

Abstract#: 1943 Poster Board - 533
Session Title: Risk Assessment II: Critical Considerations and Characterizations
Session Date: Wednesday, March 13, 2013
Session Time: 9:00 AM

Cont’d on p. 7
“Top Ten” Meeting Abstracts, Cont’d

Authors: Virunya S. Bhat, Environmental Toxicology, University of California Riverside, Riverside, CA
D. A. Eastmond, Environmental Toxicology, University of California Riverside, Riverside, CA
Susan Hester, NHEERL, US EPA, Research Triangle Park, NC
S. Nesnow, NHEERL, US EPA, Research Triangle Park, NC

Title: Concordance of Transcriptional and Apical Benchmark Dose Levels for Conazole-Induced Liver Effects in Mice

Abstract#: 1946 Poster Board - 536
Session Title: Risk Assessment II: Critical Considerations and Characterizations
Session Date: Wednesday, March 13, 2013
Session Time: 9:00 AM

PERRY J. GEHRING POSTDOCTORAL AWARD WINNER

Authors: Lynne T. Haber, Toxicology Excellence for Risk Assessment (TERA), Cincinnati, OH
B. Bhaskar Gollapudi, Toxicology & Environmental Research and Consulting, Dow Chemical Company, Midland, MI
Matthew J. LeBaron, Toxicology & Environmental Research and Consulting, Dow Chemical Company, Midland, MI
Mugimane G. Manjanatha, Division of Genetic and Molecular Toxicology, National Center for Toxicological Research, US FDA, Jefferson, AR
Martha M. Moore, Division of Genetic and Molecular Toxicology, National Center for Toxicological Research, US FDA, Jefferson, AR
Nigel P. Moore, Dow Europe GmbH, Horgen, Switzerland
Barbara L. Parsons, Division of Genetic and Molecular Toxicology, National Center for Toxicological Research, US FDA, Jefferson, AR

Title: Mode-of-Action Evaluation for Lung Tumors in Mice Exposed to Ethylene Oxide via Inhalation

Abstract#: 1969 Poster Board - 559
Session Title: Risk Assessment II: Critical Considerations and Characterizations
Session Date: Wednesday, March 13, 2013
Session Time: 9:00 AM

Authors: Robinan Gentry, ENVIRON International Corporation, West Monroe, LA
Pergentino Balbuena, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
Michael B. Black, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
Harvey J. Clewell, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
Alina Efremenko, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
Janice W. Yager, University of New Mexico, Albuquerque, NM

Title: Advancements in Arsenic Research Suggest a Dose-Dependent Transition Concentration for Cancer Endpoints

Abstract#: 1979 Poster Board - 569
Session Title: Risk Assessment II: Critical Considerations and Characterizations
Session Date: Wednesday, March 13, 2013
Session Time: 9:00 AM

Authors: Rachel E. Peters, University of Saskatchewan, Saskatoon, SK, Canada
Scott Clemow, SNC-Lavalin Environment, Ottawa, ON, Canada
Kyle James, University of Saskatchewan, Saskatoon, SK, Canada
Mark Richardson, Stantec Consulting Ltd., Ottawa, ON, Canada
Steven D. Siciliano, University of Saskatchewan, Saskatoon, SK, Canada

Title: Assessment of Risks to the US Population Posed by Exposure to Gold and Ceramic Dental Restorations

Abstract#: 2220 Poster Board - 418
Session Title: Risk Assessment III: New Derivations and Updated Estimates
Session Date: Wednesday, March 13, 2013
Session Time: 1:00 PM
B**est Papers, 2012**

Each year, RASS evaluates papers published hardcopy or on line to identify the Best Risk Assessment categories: Application of Risk Assessment and Advancing the Science of Risk Assessment. These papers are identified from literature searches and from nominations which we solicit from our membership. The lead authors of the most outstanding papers in each category receive a plaque and $250 check. RASS is grateful to Environ International Corporation for sponsoring these awards. A debt of gratitude is also owed to the judges who worked tirelessly to evaluate the papers: Laurie DeVito, Laura Plunkett and Nancy Beck.

**Best Papers Demonstrating an Application of Risk Assessment**

**Outstanding Paper**


**Best Papers**


*Cont’d on p. 8*
Best Papers, 2012, Cont’d

Best Papers Advancing the Science of Risk Assessment

Outstanding Paper


Best Papers


Annual Meeting Sessions Endorsed

Each year, RASS is asked to evaluate Sessions proposed for inclusion in the Annual meeting. The Scientific program Committee performs their own evaluation, which relies heavily on comments from Specialty Sections. This input is critical, and comments from the Specialty Sections are given heavy consideration. This year, three Continuing Education Courses and fourteen sessions (below) that were either sponsored or endorsed by RASS were selected for presentation. Please consider attending these, if possible.

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<th>Workshop</th>
<th>Biology of Low Dose Response for DNA-Reactive Chemicals</th>
<th>9:15 am to 12:00 pm Room 217 A&amp;B</th>
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<tr>
<td>Workshop</td>
<td>Life-Course Models for Ensuring Children’s Health Protection</td>
<td>2:00 pm to 4:45 pm Room 214 A&amp;B</td>
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<tr>
<td>Workshop</td>
<td>Scientific and Regulatory Advances in Genetic Toxicology Safety Assessment</td>
<td>2:00 pm to 4:45 pm Room 214 C&amp;D</td>
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<tr>
<td>Historical Highlight</td>
<td>Diesel and Gasoline Exhaust and Cancer</td>
<td>12:10 pm to 1:30 pm Room 206</td>
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Tuesday, March 12

| Workshop | Advances in Carcinogenic Risk Assessment of Low-level Genotoxic Impurities in Pharmaceuticals | 9:00 am to 11:45 pm Room 206 |

Wednesday, March 13

| Symposium | Toxicoepigenomics, Disease Susceptibility, and Implications for Risk Assessment | 9:00 am to 11:45 pm Grand Ballroom C3 |
| Workshop | Toxicogenomics in Risk and Safety Assessment: Recent Advances and Continuing Challenges | 1:30 pm to 4:15 pm Room 217 C&D |
| Informational Session | Regulatory-Based Nanotoxicology: Evolving National Strategies and Research to Address Engineered Nanomaterial Health Risk Assessments | 4:30 pm to 5:50 pm Room 217 A&B |
| Education-Career Development Session | Regulatory Science and Risk Assessment: Lessons for Early-Career Scientists on What to Expect and How to Pursue This Career Path | 12:00 pm to 1:20 pm Room 214 C&D |
| Education-Career Development Session | Toxicological Writing for Industrial and Regulatory Audiences | 4:30 pm to 5:50 pm Room 214 C&D |
| Regional Interest Session | Assessment of Environmental, Dietary, and Biological Risk Factors Impacting Liver cancer Incidence in Texas | 1:30 pm to 4:15 pm Grand Ballroom C2 |

Thursday, March 14

| Symposium | Modeling Human Genetic Variability and Susceptibility in the Laboratory | 9:00 am to 11:45 pm Room 217 C&D |
| Workshop | Cumulative Risk: Toxicity and Interactions of Physical and Chemical Stressors | 9:00 am to 11:45 pm Room 217 A&B |

Session Proposals for 2014 are Due April 30, 2013

RASS members are encouraged to draft proposals for sessions (Workshops, Symposia, Roundtables, CE Workshops) for presentation at the 2014 Annual Meeting in Phoenix. The SOT HQ deadline for submission of proposals to the Program Committee is April 30, 2013 and it is requested that all proposals be submitted to the RASS Vice President, Laurie Haws for RASS preview and comments soon so there is sufficient time for evaluation and feedback so that proposals may be revised prior to submission.
During the past year, RASS has continued hosting our webinars. These occur monthly except in March and July, at 3 pm eastern time on the second Tuesday of the month. We are grateful to Annie Jarabek for soliciting ideas, making proposals, coordinating and hosting these informative sessions. Although the 2013 schedule is complete, please send her your ideas for topics of interest. Check the RASS webpage. If you miss one, they can be played back at http://www.toxicology.org/ISOT/SS/RiskAssess/downloads.asp. RASS members receive an email notification for that event.

Upcoming webinars include:

- Health Effects of Multipollutant Airsheds. Jack Harkema, Michigan State University. Tuesday, April 10, 2013, 3 p.m. eastern

- Panel Discussion on Nonmonotonic Dose Response. Scott Belcher, Ed Calabrese, Rory Conolly, Earl Gray, Tom Zoeller. Tuesday, May 14, 3:00 p.m. eastern

- Cumulative Risk Assessment. Glenn Rice and Amanda Evans, U.S. EPA/ORD/NCEA-Cincinnati Tuesday, June 12, 3:00 p.m. eastern

**Incoming RASS Officers**

RASS wants to thank all those that offered or were volunteered to run for office. We welcome the following new officers for the 2013-2014; their terms will begin May 1.

- **Vice President-Elect**
  Hugh A. Barton (right)
  Pfizer, Groton, CT

- **Secretary-Treasurer**
  George Woodall
  U.S. EPA, RTP, NC

- **Councilor**
  Anna B. Lowit
  U.S. EPA, Arlington, VA,

- **Post Doctoral Representative**
  Michelle DeSimone
  North Carolina State University, Raleigh, NC

We give special thanks to our outgoing officers:

Robinan Gentry, Past President; Elaina Kenyon, Secretary-Treasurer; Bob Budinsky, Councilor; and Roxana Weil, Post Doctoral Representative.
**Recent Risk Assessment Survey**

RASS - membership of over 700. Won't you please search for it and complete it, if you can’t find it, please get in touch with John DeSesso (JDeSesso@exponent.com). Once complete, the results of the survey will be available to RASS and will be presented in scientific forums. RASS Council urges you to look for the survey in your inbox or junk filters and invest 10 minute of you day to complete the survey. Your efforts will help to shore up the scientific underpinnings of risk-based decisions in the government.

**Risk Assessment Training Opportunities**

On occasion, RASS is asked to disseminate information to our members which is timely and of potential interest to them. Here are some training opportunities that you or your friends may be interested in. The broadcast of this information does not imply RASS endorsement or sponsorship – except for the Webinars, which we, of course, think are totally awesome.

This course is a 5-day intensive hands-on training in hazard characterization and dose-response assessment. Beginners through expert toxicological risk assessors will learn advanced methods, as well as enhance their understanding and skills in the basics. Course lectures are supplemented with daily hands-on application exercises.

Course registration is $2100 (Federal Agency, Industry, University, etc) and $1600 (State/Local/Tribal Agencies). If you register after March 31, 2013 the late registration fee is $2300 / $1800, respectively.

The course will be held in Cincinnati, Ohio at the Mariemont Inn. It is located 6880 Wooster Pike, Cincinnati, OH. The course runs from 8:00am-5:00pm Monday-Thursday, and 8:00am-2:00pm Friday. A block of rooms under "TERA Group" is being held for all attendees. You must make your hotel reservation no later than Friday, April 5th to get the group rate. The cost per room is $143.65 +tax/night, which includes a complimentary bottled water and gourmet snacks at check-in. If you need the government per diem rate, just mention that when you call to make your reservations. For reservations call 513-271-2100.
Risk Assessment Training Opportunities, Cont’d

2013 Toxicology and Risk Assessment Conference

April 8-11, 2013
Cincinnati, Ohio, USA

http://www.cdc.gov/niosh/conferences/TRAC/default.html

The 2013 Toxicology and Risk Assessment Conference (TRAC) will be a 4-day meeting focusing on topics in risk assessment principles and practice. The conference provides attendees with an overview of current research, methodologic, and practice issues that are the focus of risk assessment efforts in various Federal agencies, academic institutions, industry, and other organizations.

The theme of TRAC 2013 is “Toxicology and Risk Assessment Guidance: From Principles to Practice in the Age of Omics, Osomes, and New Opportunities.” This theme will examine the -omics fields, such as toxicogenomics, proteomics, and metabolomics, components of the concept of the exposome, and other emerging technologies, for current state-of-the-science opportunities for setting guidance and exposure limits.

The Plenary session, on the first day of the main conference, and specific workshops on risk assessment methodologies held on the days before and after the two main conference days, comprise TRAC 2013. Conference registration and a preliminary agenda are available at http://www.cdc.gov/niosh/conferences/TRAC/default.html.

Registration cost for the two main conference days, April 9-10, 2013, is $250. Other levels of registration fees are available. Workshops have separate registration fees as described on the conference website.

Also featured is a poster session on the evening of April 9, 2013, with a trainee competition, for which the poster abstract deadline is March 30, 2013. The poster session is designed to provide participants the opportunity to share their work in a focused, collegial environment. We invite poster abstract submissions of broad interest to toxicology and risk assessment. Further, we invite work that has been submitted in the previous year at other relevant conferences to stimulate discussion in the more focused environment of TRAC.

Please visit http://www.cdc.gov/niosh/conferences/TRAC/default.html for further details.

Continuing education for this activity is pending. See final announcement for details.

This activity has been approved by the American Board of Preventive Medicine for LLSA/MOC credit. See final announcement for details.
Risk Assessment Training Opportunities, Cont’d

Harvard Center for Risk Analysis

Analyzing Risk: Principles, Concepts, and Applications

March 11–14, 2013 | Boston, MA
https://ecpe.sph.harvard.edu/Risk-Analysis

Participants learn how to apply the science behind risk-based decision making, examine complex problems involving chemicals, radiation, and other hazards in the environment, discuss emerging analytic approaches, and review important issues with leaders in the field. This program provides education on current risk analysis methods from a variety of backgrounds, but with a common interest in understanding how risk analysis is done, how it is interpreted, and how it influences regulatory decision making.

Learning Objectives:

- Examine current and emerging methods for quantifying risks
- Evaluate exposure assessment protocols
- Differentiate between key assumptions and uncertainties in non-cancer and cancer dose-response models
- Implement probabilistic methods in uncertainty analysis and risk assessment
- Identify key factors that influence risk perception and communication
- Evaluate alternative approaches for valuation of environmental health risk outcomes
- Understand the role of risk information in benefit-cost analysis and risk management

Effective Risk Communication: Theory, Tools, and Practical Skills for Communicating about Risk

March 18–20, 2013 | Boston, MA
https://ecpe.sph.harvard.edu/Risk-Communication

This introductory program explores the scientific foundations for effective risk communication. Participants will gain the skills necessary to communicate about risk to various audiences by working with different perspectives and encouraging more reasoned behavior among the people they are trying to influence and serve.

Learning Objectives

- Understand the key components that make up risk perception, the values and concerns brought by various audiences, and likely responses of these audiences to such risk issues as new technologies, facility siting, and new regulations
- Develop strategies to enhance understanding and trust amongst audiences while minimizing conflict on risk issues
- Craft organizational policies and messages responsive to audience risk concern