North American Congress of Clinical Toxicology

Organized By: American Academy of Clinical Toxicology

San Antonio, TX • September 21-26, 2009

Sponsored By:
• American Academy of Clinical Toxicology
• American Association of Poison Control Centers

Annual Meeting of
• American Academy of Clinical Toxicology
• American Association of Poison Control Centers
• Canadian Association of Poison Control Centres
• European Association of Poisons Centres and Clinical Toxicologists
• American College of Medical Toxicology
The American Academy of Clinical Toxicology and the American Association of Poison Control Centers is pleased to announce that the North American Congress of Clinical Toxicology 2009 and associated pre-meeting functions will be held at the Grand Hyatt San Antonio, TX, September 21-26, 2009.

This annual conference allows an opportunity for physicians, nurses, pharmacists, and scientists from around the world to participate in the sharing of knowledge on a wide variety of issues in clinical toxicology. In addition, there will be multiple original research papers presented, a number of symposia, as well as other traditional and novel continuing education sessions.

General Objectives:

- Identify the acute and/or chronic toxic effects of various drugs, chemicals and biologicals.
- Utilize research data to determine new approaches to the prevention, assessment, and treatment of poisoning victims.
- Compare and contrast approaches to the treatment of poisoned patients.
- Identify the principles of assessing the severity and predicting the outcome of poisonings.
- Define innovations in the responsibilities and functions of poison centers.
- Identify the risks and treatment of occupational and environmental hazards to humans.

Corporate Supporters

A special thank you to the following companies:

- Cumberland Pharmaceuticals
- Fougera, a division of Nycomed
- McNeil Specialty Consumer Pharmaceuticals
- Paddock Laboratories, Inc.
- Protherics PLC

Meeting Announcement

NACCT Opening Day

Wednesday, September 23
Keynote Presentation & Breakfast
Moving Forward (In Every Direction): Random Acts of Science and Service
Speaker: Martin Smilkstein, MD

“Say, did you hear the one about poison centers, mud-walled hospitals in West Africa, and high-tech robotic research laboratories?”

In a provocative, non-linear tale of one approach to achieving meaningful science, service, and satisfaction, Dr. Smilkstein will describe highlights along a path through toxicology, tropical medicine, and antimalarial drug discovery.

The Online Library

The Online Library is a convenient, easy-to-access format that is available from anywhere on a 24/7 basis.

The Library Features:

- Search by conference name, presentation subject or speaker.
- Download the presentation audio to your mobile media player.
- Take notes during the presentations and store them for later reference.
- Plus much more....

Conference Registrants

As a conference registrant, you have complimentary access to the recorded presentations from the conference sessions for which you registered. Approximately 3 weeks after the conference, you will receive an email notifying you that the actual audio presentation recorded at the live conference and PowerPoint slides are available for access in the Online Library.
The 2009 Congress

The 2009 Congress will offer multiple clinical toxicology symposia, presentation of original research as posters and platforms, and scheduled interest and committee group meetings. Selected topics include:

- Postmortem Forensic Toxicology: Methadone and Fentanyl
- Toxicology Management: Where’s the Evidence?
- Cytochrome Activity: Applications in Clinical Toxicology
- Substance Misuse and Overdose in Special Populations
- Cardiac Ion Channels
- Occupational Respiratory Diseases
- Veterinary Toxicology: Plants, Pills, and Poisons
- Heavy Metal Poisoning and Treatment Controversies
- Weapons of Mass Destruction and the Pediatric Patient
- Medical Toxicologist’s Role in New Drug Evaluation

Pre-Meeting Activities

Monday, September 21
AACT Pre-Meeting Symposium
• The Crossroads of Pharmaceuticals & Toxicology

Tuesday, September 22
ACMT Pre-Meeting Symposium
• Network News: An Examination of the Media’s Portrayal of Toxicology

Post-Meeting Activity
Saturday & Sunday, September 26 & 27
• MRO Plus: Medical Review Officer Training PLUS Forensic Toxicology for the Clinical Toxicologist

New Symposia for 2009

• Natural Toxins: Venom Research on the Border
• Future Directions in Weapons of Mass Destruction: Linking the Teams Together – From Veterinary Sentinels and Forensics to Poison Centers and Our Communities
• Internal Contamination from Radioactive Substances: Diagnosis & Management
• Lifelong Learning and Self-Assessment Course

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Clinical Toxicology, American Association of Poison Control Centers, American College of Medical Toxicology, Canadian Association of Poison Control Centres, and European Association of Poisons Centres and Clinical Toxicologists. The American Academy of Clinical Toxicology is accredited by the ACCME to provide continuing medical education for physicians.

American Academy of Clinical Toxicology Inc., is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Disclosure

It is the policy of the American Academy of Clinical Toxicology to ensure balance, independence, objectivity and scientific rigor in all its educational activities. All faculty, authors, editors and planning committee members are required to disclose all relevant financial relationships with any commercial interest producing health care goods or services consumed by, or used on patients, with the exemption of non-profit or government organizations and non-health care related companies.

Physicians, Pharmacists and Nurses should refer to page 11 for CE credit details.
<table>
<thead>
<tr>
<th>Session</th>
<th>ACPE Program Number</th>
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<td><strong>Monday • September 21, 2009</strong></td>
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<tr>
<td>8:00 a.m. – 5:00 p.m. AACT Pre-Meeting Symposium: The Crossroads of</td>
<td>225-999-09-100-L01-P</td>
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<td><strong>Wednesday • September 23, 2009</strong></td>
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<td>10:00 a.m. – 12:00 p.m. AAPCC Symposium: Emerging Opportunities for</td>
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<td>Postmortem Forensic Toxicology: A Focus on Methadone and Fentanyl</td>
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<td>4:00 p.m. – 5:00 p.m. Platform Session I – Poison Centers</td>
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<td>4:00 p.m. – 6:00 p.m. AACT: Articles You May Have Missed: 2008-2009</td>
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<td>4:00 p.m. – 6:00 p.m. AACT Trainees Research Symposium</td>
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<td>5:00 p.m. – 6:00 p.m. Platform Session II – Natural Toxins</td>
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<td>6:00 p.m. – 7:00 p.m. Opening Reception</td>
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<td>7:00 p.m. – 9:00 p.m. Toxicological History Society</td>
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<td><em>(Special tribute to Dr. Michael Shannon)</em></td>
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<td><strong>Thursday • September 24, 2009</strong></td>
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<td>8:00 a.m. – 10:00 a.m. ACMT Scientific Symposium: Genetic Susceptibility</td>
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<td>11:00 a.m. – 12:00 p.m. Platform Session III – Antidotes</td>
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<td>11:00 a.m. – 12:00 p.m. Platform Session IV – Drug Abuse</td>
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<td>11:00 a.m. – 12:00 p.m. AACT Radiation SIG Symposium: Internal</td>
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<td>Contamination from Radioactive Substances: Diagnosis and Management</td>
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<td>1:30 p.m. – 3:00 p.m. WHO/IPCS Symposium: The Libreville Declaration &amp;</td>
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<td>ICMZ2 – Resetting the International Toxicology Agenda</td>
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<td>1:30 p.m. – 2:30 p.m. AACT Year in Toxicology I</td>
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<td>1:30 p.m. – 3:30 p.m. AAPCC SPI Symposium II: Unique &amp; Practical</td>
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<td>1:30 p.m. – 4:30 p.m. AACT: Herbal Special Interest Group Posters</td>
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<td>2:30 p.m. – 3:30 p.m. ACMT Ellenhorn Award and Lecture</td>
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<td>3:30 p.m. – 4:00 p.m. Break</td>
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Thursday • September 24, 2009 (continued)

4:00 p.m. – 6:00 p.m. AAPCC SPI Roundtable 225-999-09-121-L01-P 2.0 2.0 2.0
  Case Review & Panel Discussions

4:00 p.m. – 6:00 p.m. EAPCCT Symposium: Controversies in Heavy Metal & Treatment of Poisoning 225-999-09-122-L01-P 2.0 2.0 2.0

4:00 p.m. – 6:00 p.m. NLM Symposium: Digital & Other Noteworthy Resources 225-999-09-123-L01-P 2.0 2.0 2.0

5:00 p.m. – 6:30 p.m. Weapons of Mass Destruction: Linking the Teams Together – from Veterinary Sentinels and Forensics to Poison Centers and Our Communities 225-999-09-124-L01-P 1.5 1.5 1.5

7:15 p.m. – 8:30 p.m. AACT Reception/Induction of New Fellows & Career Recognition Award

Friday • September 25, 2009

8:00 a.m. – 10:00 a.m. International Travel Awards Recognition/AACT Scientific Symposium: Cardiac Ion Channels, How they work and treatment strategies for when they don't 225-999-09-125-L01-P 2.0 2.0 2.0

9:00 a.m. – 4:00 a.m. Exhibits/Poster Session II

10:00 a.m. – 11:00 a.m. Authors with Posters

11:00 a.m. – 12:30 p.m. AACT Career Achievement Lectureship 225-999-09-126-L01-P 1.5 1.5 1.5

12:30 p.m. – 1:30 p.m. Lunch

12:30 p.m. – 1:30 p.m. ACMT Fellows-in-Training Luncheon 225-999-09-127-L01-P 1.5

1:30 p.m. – 2:30 p.m. ACMT Fellows-in-Training Roundtable 225-999-09-128-L01-P 1.5

1:30 p.m. – 3:00 p.m. AACT Pediatric Symposium: A Potpourri of Pediatric Poisoning Controversies 225-999-09-129-L01-P 2.0 2.0 2.0

1:30 p.m. – 2:30 p.m. Platform Session V – Basic Science 225-999-09-130-L01-P 1.0 1.0 1.0

1:30 p.m. – 4:30 p.m. AACT Occupational/Environmental Special Interest Group Poster Session/Meeting 225-999-09-131-L01-P 1.0 1.0 1.0

2:30 p.m. – 3:30 p.m. AACT Local Symposium: Natural Toxins: Venom Research on the Border 225-999-09-132-L01-P 1.0 1.0 1.0

3:30 p.m. – 4:00 p.m. Break

4:00 p.m. – 6:00 p.m. AAPCC Veterinary Symposium: Plants, Pills and Other Poisons 225-999-09-133-L01-P 2.0 2.0 2.0

4:00 p.m. – 6:00 p.m. AACT Acute & Intensive Care Symposium: Toxicology Dilemmas & Controversies Is There Evidence for What We Do? 225-999-09-134-L01-P 2.0 2.0 2.0

7:00 p.m. – 9:00 p.m. SPI Awards/Quiz Bowl 225-999-09-135-L01-P 2.0 2.0 2.0

Saturday • September 26, 2009

7:00 a.m. – 12:00 p.m. Exhibits/Posters

7:00 a.m. – 10:00 a.m. AACT/ACMT Life Long Learning Assessment 225-999-09-136-L01-P 3.0 3.0 3.0

8:00 a.m. – 10:00 a.m. ABAT Symposium: Momma Don't Take My Cytochrome Away 225-999-09-137-L01-P 2.0 2.0 2.0

8:00 a.m. – 10:00 a.m. CAPCC Symposium: Substance Misuse & Overdose in Special Populations 225-999-09-138-L01-P 2.0 2.0 2.0

10:00 a.m. – 11:00 a.m. Authors with Posters

11:00 a.m. – 12:00 p.m. Platform Session VI: Adverse Drug Events 225-999-09-139-L01-P 1.0 1.0 1.0

11:00 a.m. – 1:00 p.m. AACT Practice Symposium: The Medical Toxicologist On the Front Line 225-999-09-140-L01-P 2.0 2.0 2.0

12:15 p.m. – 1:15 p.m. AACT Year in Toxicology II 225-999-09-141-L01-P 1.0 1.0 1.0

1:00 p.m. – 6:00 p.m. MRO Plus: Medical Review Officer Training PLUS Forensic Toxicology for the Clinical Toxicologist 225-999-09-142-L01-P 4.0 4.0 4.0

Sunday • September 27, 2009

7:00 a.m. – 5:00 p.m. MRO Plus: Medical Review Officer Training PLUS Forensic Toxicology for the Clinical Toxicologist 225-999-09-143-L01-P 8.0 8.0 8.0

Maximum Allowed Credits*  63.5 64 63.5

* The AACT reserves the right to adjust the maximum number of hours available pending changes in the program schedule.

NOTE: Shaded areas indicate concurrent sessions.

IPCS = International Programme for Chemical Safety  
NLM = National Library of Medicine  
SPI = Specialist in Poison Information  
WMD = Weapons of Mass Destruction & Special Interest Group  
SIG = Special Interest Group
AACT Pre-Meeting Symposium

Monday • September 21, 2009

The Crossroads of Pharmaceuticals & Toxicology

This symposium will offer participants a unique opportunity to update themselves on the adverse health effects of common drugs, vaccines, and antidotes and the relevant underlying toxicological mechanisms accounting for such effects. New ideas emerging from research into the genomics underlying susceptibility to toxic effects of pharmaceuticals will be presented. The ideal qualities of monitoring systems for the detection and characterization of adverse events will be outlined. Controversial topics such as the safety of children’s cough and cold medicines and the scope of e-marketing and the internet sales of drugs will be addressed. Current testing strategies and toxicological implications of vaccine preparation will be explored. Attendees will get an insider’s look at how the FDA works to ensure the safety of drugs in the marketplace. Key learning concepts regarding the toxic profiles of common classes of drugs will offer a wealth of timely, practical information that the health professional will not want to miss!

Objectives

At the end of the Pre-Meeting Symposium, the learner will be able to:

1. Understand how drug efficacy and toxicity can be affected by polymorphic drug metabolism.
2. Describe limitations of pre-marketing surveillance of adverse drug reactions as it relates to patient care.
3. Discuss and define the problems/ adverse consequences of drugs and pharmaceuticals sold on the internet.
4. Discuss how adverse drug events are monitored by the FDA.
5. Understand how FDA’s Risk Evaluation and Mitigation Strategies [REMS] are implemented in managing the inherent risk of drug products.
6. Discuss the harmful effects associated with the use of several different antidotes.
7. Review the pre and post licensure processes that evaluate and monitor vaccine safety to dispel myths surrounding vaccine safety.
9. Understand how over-the-counter medications differ from prescription drugs in regulatory status.

Topics to be Covered:

- **Moderators:**
  - Rachel Haroz, MD, Assistant Professor of Emergency Medicine, University of Medicine and Dentistry of New Jersey-Camden
  - Barbara Kirrane, MD, Assistant Professor, Emergency Medicine/Medical Toxicology, Yale University

- **Plenary Session 1: Navigating the New Age of Adverse Drug Reactions**

- **Toxicogenomics: Common Polymorphisms & Related Toxicities**
  - Yui-Wing Francis Lam, PharmD, FCCP, Associate Professor of Pharmacology & Medicine, University of Texas at San Antonio; Clinical Associate Professor of Pharmacy and James O. Burke Centennial Fellow University of Texas at Austin

- **ADRs: Limitations of Pre- & Post-Marketing Surveillance**
  - Peter Chyka, PharmD, FAACT, Professor of Clinical Pharmacy, Executive Associate Dean, College of Pharmacy, University of Tennessee; Knoxville, Tennessee

- **Internet Pharmaceuticals: Challenges of Progressive Technologies**
  - Edward Boyer, MD, PhD, Associate Professor of Emergency Medicine; Chief, Division of Medical Toxicology; University of Massachusetts Medical School

- **FEATURED SPEAKER: From Safety Signal to Drug Risk Mitigation Strategy: What’s The Process at the FDA?**
  - Norman Marks MD, MHA, Medical Director, MedWatch Program; Office of the Commissioner; Office of Scientific & Medical Programs; Rockville, Maryland

- **Plenary Session 2: Drug Toxicity: Mechanisms & Clinical Effects**

- **NSAID Dilemmas/From Vioxx Back to Ibuprofen**
  - David Henry, MD, President & Chief Executive Officer; Institute for Clinical Evaluative Sciences; Toronto, Ontario, Canada

- **The Downside of Antidotes**
  - Robert Hoffman, MD, FAACT, Associate Professor of Emergency Medicine and Medicine (Clinical Pharmacology); New York University School of Medicine

- **Vaccines & Immunizations**
  - Kathryn Edwards, MD, Sarah H. Sell Professor of Pediatrics; Vanderbilt University School of Medicine

- **Quick Hits in Drug Safety**
  - David Juurlink, MD, FAACT, Head, Division of Clinical Pharmacology and Toxicology; Sunnybrook Health Sciences Centre; Scientist, Institute for Clinical Evaluative Sciences; Associate Professor of Medicine, Pediatrics, and Health Policy at the University of Toronto

- **Cough & Cold Medications & Childhood Deaths**
  - Richard Dart, MD, PhD, Director, Rocky Mountain Poison and Drug Center. Denver Health; Professor, University of Colorado School of Medicine
ACMT Pre-Meeting Symposium

Tuesday • September 22, 2009

Network News: An Examination of the Media’s Portrayal of Toxicology

American society is dominated by mass media in various forms. It is arguable whether this impact is positive or negative, but all agree the media holds a strong influence on our society and its view of the world. Medicine is not immune to the media’s strong sway. As a relatively small and often misunderstood specialty, the media’s representation of medical toxicology topics may have a great impact on people’s opinion of us and on the beliefs of our patients. Notably, the coverage of toxicology related topics may not always reflect the complexities and rapidly changing body of evidence related to the field. The 2009 ACMT Pre-Meeting Symposium will examine the media’s depiction of toxicology. The goal of this pre-meeting symposium is to explore how recent events and media coverage of those events have shaped our specialty, influenced the layperson’s opinion of medicine, and altered society as a whole.

Objectives

At the end of the Pre-Meeting Symposium, the learner will be able to:

1. Understand how the media chooses topics for distribution to the public and what factors affect these decisions.
2. Describe the factors affecting how the media discusses toxins, including mechanisms and causation.
3. Discuss the pre-occupation with venomous animals in the Australian media.
4. Discuss background, etiologic agents and other incapacitating agents weaponized by the US and Soviet Union as they relate to the Moscow theater incident.
5. Review different mailed toxins including etiologic agents, required purity and effectiveness of use as an infecting agent as well as a method of terror.
6. Review recent instances of foods and other products adulterated with toxic agents including melanime and lead.
7. Review recent literature and the present body of knowledge associated with alternative medical therapies recently covered by the media.
8. Recognize toxic mechanisms and symptoms related to alternative medical therapies recently covered by the media.
9. Review recent literature and the present body of knowledge associated with toxic spills covered by the media.
10. Recognize toxic mechanisms and symptoms related to toxic spills.
11. Review recent literature and the present body of knowledge associated with new weight loss agents recently covered by the media.
12. Recognize toxic mechanisms and symptoms related to weight loss agents.
13. Recognize the signs and symptoms of alpha emitter poisoning as it relates to Polonium 210 poisoning victim, Alexander Litvinenko. Recognize chloracne and other ailments suffered by Ukrainian President Victor Yushchenko when he was poisoned by dioxin.
14. Understand the real and imagined toxic syndromes due to various forms of mercury in the environment and in healthcare products (vaccines, dental amalgams), and how media attention has differed from scientific evidence.
15. Realize that much of the attention to toxic mold syndrome is related to media coverage of high profile and high stakes litigation and not the science of the subject.

Topics to be Covered:

- **FEATURED SPEAKER:** Through the Looking Glass: The Media’s Perception of Medicine and Toxicology
  Glenda Wolin, Associate City Editor for the San Antonio Express News

- Media Down Under
  Naren Gunja, MD, MBBS, FACEM, Deputy Medical Director, New South Wales Poisons Information Centre

- Military Toxicology in the Media
  Dave Barry, MD, FACMT, Program Director, Emergency Medicine Residency, Naval Medical Center Portsmouth

- The Toxicology of Imports: Worldwide Toxicology in the Media
  Chuck McKay, MD, FACMT, Director of Medical Toxicology and Associate Professor of Emergency Medicine, Hartford Hospital; University of Connecticut School of Medicine

- Second Opinion: Alternative Medical Therapies in the Media
  Asim Tarabar, MD, Assistant Professor, Director, Medical Toxicology, Yale Emergency Medicine

- Don’t Cry Over…..Toxic Spills: A Critical Look at Accepted Evidence and Media Coverage
  Patrick Daubert, MD, Assistant Professor and Assistant Medical Director, Sacramento Division, California Poison Control System

- The Newest Craze: The Media’s Fascination with Weight Loss
  Trevonne Thompson, MD Assistant Professor of Medicine and Pediatrics/Associate Director of Medical Toxicology, University of Chicago

- From Mercury to Polonium: Occupational/Environmental Toxicology in the Media
  Michael G. Holland, MD, FAACT, FACMT, FACOEM, FACEP, Clinical Asst. Professor, SUNY Upstate Medical University; Medical Toxicologist, Upstate NY Poison Center

American society is dominated by mass media in various forms. It is arguable whether this impact is positive or negative, but all agree the media holds a strong influence on our society and its view of the world. Medicine is not immune to the media’s strong sway. As a relatively small and often misunderstood specialty, the media’s representation of medical toxicology topics may have a great impact on people’s opinion of us and on the beliefs of our patients. Notably, the coverage of toxicology related topics may not always reflect the complexities and rapidly changing body of evidence related to the field. The 2009 ACMT Pre-Meeting Symposium will examine the media’s depiction of toxicology. The goal of this pre-meeting symposium is to explore how recent events and media coverage of those events have shaped our specialty, influenced the layperson’s opinion of medicine, and altered society as a whole.

Objectives

At the end of the Pre-Meeting Symposium, the learner will be able to:

1. Understand how the media chooses topics for distribution to the public and what factors affect these decisions.
2. Describe the factors affecting how the media discusses toxins, including mechanisms and causation.
3. Discuss the pre-occupation with venomous animals in the Australian media.
4. Discuss background, etiologic agents and other incapacitating agents weaponized by the US and Soviet Union as they relate to the Moscow theater incident.
5. Review different mailed toxins including etiologic agents, required purity and effectiveness of use as an infecting agent as well as a method of terror.
6. Review recent instances of foods and other products adulterated with toxic agents including melanime and lead.
7. Review recent literature and the present body of knowledge associated with alternative medical therapies recently covered by the media.
8. Recognize toxic mechanisms and symptoms related to alternative medical therapies recently covered by the media.
9. Review recent literature and the present body of knowledge associated with toxic spills covered by the media.
10. Recognize toxic mechanisms and symptoms related to toxic spills.
11. Review recent literature and the present body of knowledge associated with new weight loss agents recently covered by the media.
12. Recognize toxic mechanisms and symptoms related to weight loss agents.
13. Recognize the signs and symptoms of alpha emitter poisoning as it relates to Polonium 210 poisoning victim, Alexander Litvinenko. Recognize chloracne and other ailments suffered by Ukrainian President Victor Yushchenko when he was poisoned by dioxin.
14. Understand the real and imagined toxic syndromes due to various forms of mercury in the environment and in healthcare products (vaccines, dental amalgams), and how media attention has differed from scientific evidence.
15. Realize that much of the attention to toxic mold syndrome is related to media coverage of high profile and high stakes litigation and not the science of the subject.

Topics to be Covered:

- **FEATURED SPEAKER:** Through the Looking Glass: The Media’s Perception of Medicine and Toxicology
  Glenda Wolin, Associate City Editor for the San Antonio Express News

- Media Down Under
  Naren Gunja, MD, MBBS, FACEM, Deputy Medical Director, New South Wales Poisons Information Centre

- Military Toxicology in the Media
  Dave Barry, MD, FACMT, Program Director, Emergency Medicine Residency, Naval Medical Center Portsmouth

- The Toxicology of Imports: Worldwide Toxicology in the Media
  Chuck McKay, MD, FACMT, Director of Medical Toxicology and Associate Professor of Emergency Medicine, Hartford Hospital; University of Connecticut School of Medicine

- Second Opinion: Alternative Medical Therapies in the Media
  Asim Tarabar, MD, Assistant Professor, Director, Medical Toxicology, Yale Emergency Medicine

- Don’t Cry Over…..Toxic Spills: A Critical Look at Accepted Evidence and Media Coverage
  Patrick Daubert, MD, Assistant Professor and Assistant Medical Director, Sacramento Division, California Poison Control System

- The Newest Craze: The Media’s Fascination with Weight Loss
  Trevonne Thompson, MD Assistant Professor of Medicine and Pediatrics/Associate Director of Medical Toxicology, University of Chicago

- From Mercury to Polonium: Occupational/Environmental Toxicology in the Media
  Michael G. Holland, MD, FAACT, FACMT, FACOEM, FACEP, Clinical Asst. Professor, SUNY Upstate Medical University; Medical Toxicologist, Upstate NY Poison Center
The American Academy of Clinical Toxicology is sponsoring a post-meeting course entitled “MRO Plus: Medical Review Officer’s Training PLUS Forensic Toxicology for the Clinical Toxicologist”. The course will begin immediately following the conclusion of the NACCT Congress on September 26, and will continue the following day, September 27, 2009. Participants will be eligible for 14 hours of CME.

The United States Department of Transportation (US DOT) requires that all drug screen results on federally-regulated workers in the transportation industry (FAA, FMCSA, FTA, FRA, USCG, and PHMSA) be reviewed by a certified MRO to investigate whether there is a valid medical explanation for the drug test result. The MRO PLUS course will cover all of the core content of the required MRO training needed to fulfill the US DOT prerequisites, enabling physicians to take a qualifying exam to become certified as an MRO. The course follows the blueprint of the required examination content as promulgated by the US DOT. These core content areas include:

1) Substance Abuse- 5%
2) Regulatory Issues and the Role of the MRO- 50%
3) Toxicology, Pharmacology, and Laboratory Issues- 20%
4) Clinical Aspects- 10%
5) Collections and Procedures- 15%

MRO duties are not restricted to the federally-regulated testing programs. Most MROs find that regulated testing accounts for only about 10% of their practice. Many Clinical Toxicologists are asked to interpret urine drug screen results and to evaluate alcohol tests for impairment; many also interpret forensic and post-mortem test results in the employment and/or legal arena. The forensic aspects of the MRO PLUS Course will therefore complement the related MRO process by offering expanded analysis of laboratory testing procedures, alcohol impairment determination, the phenomenon of post-mortem redistribution, and forensic case studies.
San Antonio, Texas

San Antonio captures the spirit of Texas. Now the eighth largest city in the United States, the city has retained its sense of history and tradition, while carefully blending in cosmopolitan progress. Long considered the heart of Texas and a unique cultural crossroads, San Antonio retains the most authentic western flavor of any meeting destination in the Old West. The feeling is casual so bring your boots and your 10-gallon hat! You’ll fit right in.

To get the real feel of San Antonio explore the River Walk or Paseo del Río, the centerpiece of San Antonio’s leisure life. Take a colorful river taxi cruise down the San Antonio River. You’ll find breathtaking new vistas around every bend as well as shops, cafes, galleries and museums to explore and enjoy. Head to Market Square, the city’s largest Mexican marketplace outside of Mexico.

For history buffs, let one of your first destinations be the Alamo. Go back to a time when Texas was a wilder state and soak in the rich cultural heritage left by Davy Crockett. The King William Historic District is filled with lovely, restored mansions in a variety of architectural styles. You may also want to visit the San Antonio Missions National Historical Park, home to four missions established in the early 1700s by Franciscan friars. Explore La Villita, site of the city’s original settlement, where cobblestone lanes take you to artisans’ workshops, restaurants and boutiques.

San Antonio has two impressive art museums. The McNay Art Museum is set in a Mediterranean-style mansion and has wide-ranging collections, including post-impressionist and modern art, theater art, Medieval art, Native American art and more. The San Antonio Museum of Art (SAMA) is housed in the castle-like former headquarters of the Lone Star Brewery and is noted for its antiquities collections, as well as Latin American, Spanish Colonial and Mexican folk art.

The Carver Community Cultural Center mounts a stellar season each year, with performing groups from around the world, with an accent on African-American artists. The opulent Majestic Theatre downtown, built in 1929, is a memorable setting for touring Broadway shows and concerts and is also the permanent home of the San Antonio Symphony, now in its 54th season.

When the stars come out over the South Texas Plains, it’s time to head to the nightclubs and dance halls, two-stepping to a country-western band or swaying to a Tejano super group. Or maybe it’s traditional jazz or a sing-along at an Irish pub or piano bar? Whatever you fancy, San Antonio offers a wide range of entertainment options when the sun goes down. However you decide to spend your time in San Antonio, you’ll feel warmly welcome here deep in the heart of Texas. To receive more information about the conference city, call The San Antonio Convention and Visitors Bureau at (800) 447-3372 or visit them online at http://www.sanantoniocvb.com.

Enhance your visit to the Alamo City with a stay at the dynamic Grand Hyatt San Antonio. With a dramatic design that exemplifies this unique city, our new hotel on San Antonio Riverwalk is an exciting blend of modernism and the Latin culture. Warm hospitality, bold colors and exceptional touches create a San Antonio luxury hotel that is perfect for every guest, whether traveling for work or vacation. Take advantage of our premier setting – adjacent to the convention center, HemisFair Park and on the Riverwalk – outstanding amenities and unprecedented service levels to make your experience at our luxurious San Antonio Texas Riverwalk hotel extraordinary.
Tuition includes Online Library Access, Continental Breakfasts, Coffee Breaks and Opening Reception.

To register:
- Online: Go to www.clintox.org.
- Fax: (800) 329-9923, Purchase Order, Visa, MasterCard, or American Express only.
- Mail: NACCT Attn: Registrar, 11900 Silvergate Dr., Dublin, CA 94568-2213. Check payable to NACCT.
- Phone: Contemporary Forums Conference Management, (800) 377-7707, Ext. 5252, Monday-Friday, 8 a.m. - 5 p.m. (Pacific Time)

Access numbers for international registrants: Phone (925) 828-7100, Ext. 5252 • Fax (925) 828-2121

Registration must include full payment in US Funds to be processed. A $20 fee is charged for any returned check or declined credit card.

Confirmation of registration will be sent via email or mail.

Cancellations received after August 10, 2009 will be assessed a $150 processing fee.

Spouses and significant others may not attend the Opening Reception unless the Guest fee has been paid.

If you have a disability requiring an auxiliary aid or special service while attending this meeting, please contact Leigh at (800) 377-7707, Ext. 5104 no later than September 1, 2009.

Registration Information

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<th>Registration Fees • NACCT Main Congress 2009 • September 23-26, 2009</th>
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<td>AACT, AAPCC</td>
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<td>SPLs, Poison Center Educators</td>
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* Advance registration must be postmarked on or before August 10, 2009.
** Must be a current member of any of these organizations prior to registering for NACCT.
*** This charge allows participants’ guests to attend the opening reception.
**** Residents, Students, and Fellows are required to send in, with their registration form, a letter from their preceptor or program chair verifying their status and are therefore unable to register online.

Registration Fees • Affiliated Programs

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The conference will be held at the Grand Hyatt San Antonio, 200 East Market St., San Antonio, TX 78205. A limited block of rooms is being held for you and your guests at special group rates which will be in effect, based on room availability, from September 19 to September 28 for those wishing to extend their stay to enjoy area activities or qualify for discount airfares.

Rates: $209 single, $34 double
Rates are per room and subject to prevailing state and local taxes.

Regency Club
Rooms: $259 single/double

To obtain the special group rates, make your reservation early and before the “hotel room block release date” which is August 30. Rooms may sell out before this date so be sure to make your reservation now. After the release date, rooms and group rates may no longer be available so call the hotel regarding availability.

To reserve your room online, go to www.clinfox.org, or call 1-800-233-1234 and inform them that you are attending the NACCT conference. Request a confirmation number and written confirmation of your reservation. Reservations must include a first night’s deposit.

Contact the hotel regarding cancellation policy. For arrivals after 3 p.m., call the hotel on the day of travel to reconfirm reservations.

For additional hotel information, call the Grand Hyatt at 1-210-224-1234.

Travel Information
Contemporary Forums has a special discount agreement with United Airlines unavailable to the general public. To obtain these special conference fares either go online at www.united.com or call the Special Meeting Desk at (800) 521-4041, Account Code 510CW. Ticketing and payment can be done directly by you or through your travel agent. To ensure the best flights and times, since seats are limited, make your reservations early. Fares are guaranteed at the time of ticket purchase.

Enjoy JetBlue’s award-winning service and roomy leather seats for less! Book now and choose your way to save:

Traveling by yourself - Use convention code: NACCT as you book on jetblue.com/promo to save 5% off your travel.

Traveling as a group of five or more - Use JetBlue’s Meetings & Convention program to receive a customized fare. Call our dedicated desk at 888-JETBLUE, prompt 4. Your group will receive one free change waiver per traveler.

Arrangements have been made with Hertz to be the official car rental agency for the NACCT Congress. Special rates will be in effect through-out the Congress as well as one week before and after. To obtain the special rates please call the Hertz Meeting Sales Desk at (800) 654-2240 and refer to the NACCT Congress or meeting CV #03000212.

Hotel Accommodations
Contemporary Forums has a special discount agreement with United Airlines unavailable to the general public. To obtain these special conference fares either go online at www.united.com or call the Special Meeting Desk at (800) 521-4041, Account Code 510CW. Ticketing and payment can be done directly by you or through your travel agent. To ensure the best flights and times, since seats are limited, make your reservations early. Fares are guaranteed at the time of ticket purchase.

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To successfully complete the requirements for continuing medical education (CME) credit, continuing pharmaceutical education (CPE) credit, or continuing nursing education credit, complete the following steps:

1. Submit with your registration, the required Continuing Education Credit fee ($100 for the Main Congress, $55 for the ACMT Pre-Meeting Symposium).

2. Complete an evaluation form for each session attended.

3. Complete and return the top page of the two-part “Continuing Education Participation Form” with the number of session hours attended.

Requirements for Successful Completion
Statements of credit hours will be mailed by December 30, 2009.
NACCT 2009 Registration Form

OFFICE USE ONLY: C__________ D __________ E __________

Early Fee Postmark Deadline: August 10, 009

PAYMENT SUMMARY

#0

PROFESSIONAL PROFILE

Choose ONE category in each section that best applies to you. If your work requires you to assume multiple roles, select the one that occupies the majority of your time. Use “Other” category only if none of the choices applies to you.

PROFESSION/DEGREE

- BS Pharm
- DVM
- MD/DO
- PA/ARNP
- PharmD
- PhD
- RN
- Other: __________

POSITION/FUNCTION

- Administrator/Managing Director
- Clinical Toxicologist/Physician
- Educator
- Fellow (proof required)
- Poison Center Educator
- Resident (proof required)
- SPI
- Student (proof required)
- Other: __________

AACT Pre-Meeting Symposium - September 21
- Speaker [47]

ACMT Pre-Meeting Symposium - September 22
- ACMT Member [44]
- Speaker [46]

NACCT Main Congress - September 23-26

MRO Plus: Medical Review Officer Training - September 26 & 27

LLSA Course (Limited to 75 Participants) September 26 [52]

AACT Reception - September 24 [53]
(AACT Members only)

ACMT Fellow’s-in-Training Luncheon - September 25
(Must be FIT & registered to attend) Register by email to steffey@gmail.com

PLEASE PRINT CLEARLY

First Name ____________________ Last Name ____________________

Place of Employment ____________________

City ____________________ State ____________________ Zip ____________________

E-mail (Registration confirmation will be sent to this address.) ____________________

Mailing Address ____________________

City ____________________ State ____________________ Zip ____________________

Daytime Phone ____________________

SPECIAL EVENT GUEST

Congress attendees planning to bring a guest to the Opening Reception, September 23, must pay an event fee of $40 and provide name of guest for identification badge:

Congress attendee’s name ____________________

Guest’s name ____________________

Total Fee $______

PAYMENT ENCLOSED $________

Check/Money Order Payable to NACCT (U.S. Funds)

Visa □ MasterCard □ AMEX □

Credit Card # ____________________

Exp. Date __________ 3-digit (4 for Amex) Security Code

Print Cardholder’s Name/Phone # ____________________

Billing Address ____________________

City ____________________ State ____________________ Zip ____________________

Payer Email ____________________

Payer Phone # ____________________

REGISTRATION FEES BASED ON MEMBERSHIP AND POSITION/JOBFUNCTION

(See page 10)

AACT Pre-Meeting Symposium (9/21)
- AACT CE credit fee included

ACMT Pre-Meeting Symposium (9/22)

ACMT CE Credit Fee $55 [29]

NACCT Main Congress (9/23-26)

Congress CE Credit Fee $100 [19]

Opening Reception Guest Fee (9/23)
- $40 per guest, # ______ of tickets [30AP]

MRO Plus: Medical Review Officer Training (9/26 & 27)

TOTAL PAYMENT ENCLOSED $________

ONLINE REGISTRATION AVAILABLE

Visit the American Academy of Clinical Toxicology website: www.clintox.org

Fax (800) 329-9923 or mail this form with full payment (U.S. Funds) to:

NACCT, Attn: Registrar, 11900 Silvergate Drive, Dublin, CA 94568-2213

or call (800) 377-7707, Ext. 5252.

MEMBERSHIP STATUS Please check all that apply


REGISTER ME FOR

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VISIT THE AMERICAN ACADEMY OF CLINICAL TOXICOLOGY WEBSITE:

www.clintox.org