

North American Congress of Clinical Toxicology

Denver, CO • October 7-12, 2010

Organized By: American Academy of Clinical Toxicology

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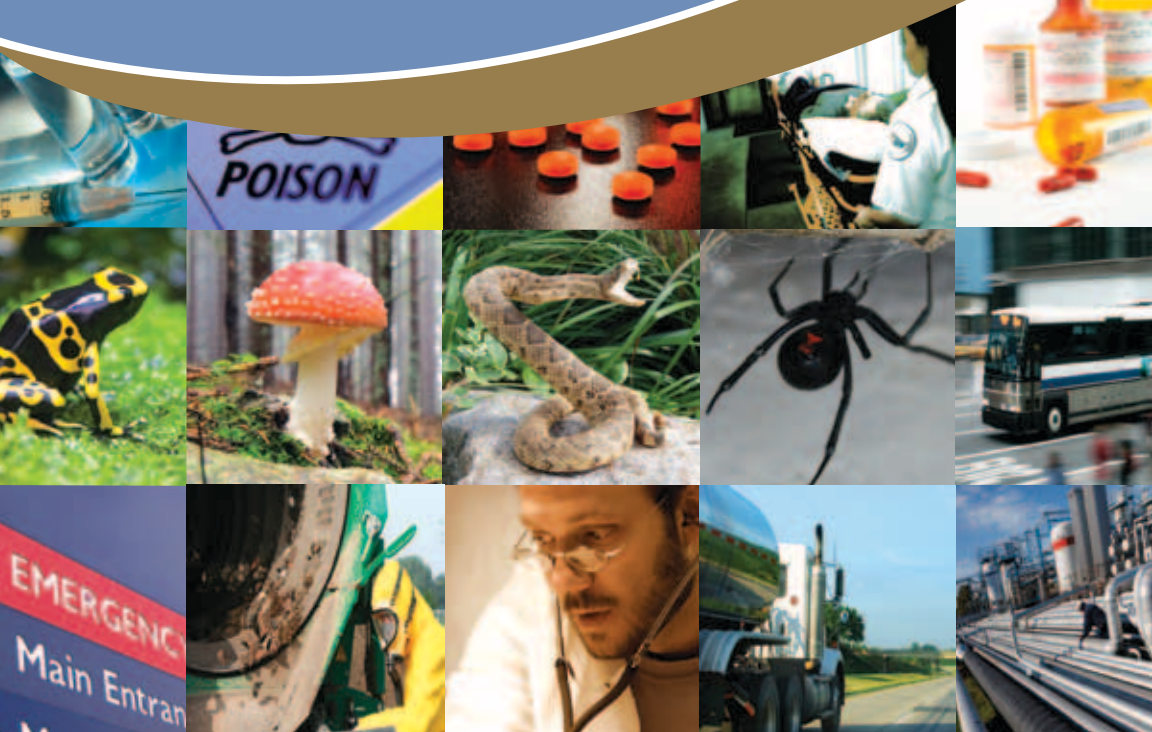
- American Academy of Clinical Toxicology
- American Association of Poison Control Centers



NACCT

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





North American Congress of Clinical Toxicology

Meeting Announcement

The American Academy of Clinical Toxicology and the American Association of Poison Control Centers are pleased to announce that the **North American Congress of Clinical Toxicology 2010** and associated pre-meeting functions will be held at the **Hyatt Regency Denver at Colorado Convention Center, October 7-12, 2010**.

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 principles involved in the laboratory evaluation of poisonings.
- Identify the risks and treatment of occupational and environmental hazards to humans.



NACCT Opening Day

Saturday, October 9

Keynote Presentation & Breakfast

Asymmetric conflicts and the use of carcinogenic, genotoxic and neurotoxic chemical/biological/radiological/nuclear (CBRN) agents; the vulnerability of civilians - Lessons from Halabja, Northern Iraq

Speaker: Christine M. Gosden, MD

Professor Christine Gosden is a Professor of Medical Genetics in the Division of Pathology in the Faculty of Health and Life Sciences in the University of Liverpool UK. Professor Gosden's special research interests focus upon the use of carcinogenic, genotoxic and neurotoxic agents in war and conflict and the health consequences of DNA damaging agents, including cancers, birth defects and neurological disorders for civilian populations.

There have been many instances of the use of CBRN against unprotected civilian populations in wars, conflicts and ethnic cleansing; from WWI use of mustard gas to the attacks on Halabja and other towns and villages in Northern Iraq. Professor Gosden helped to establish the Halabja Medical Consortium as collaboration between the University of Liverpool, WKI, with the Deans of the Medical Schools in Northern Iraq, Kurdistan Regional Government Ministers of Health, population leaders and the people of Northern Iraq. Her concerns are for those who are exposed to hazardous substances in conflict, sometimes clandestinely without the exposures or risks being recognized. The aims of her work are to highlight the deliberate use of toxic agents in conflict and ethnic cleansing campaigns, the risks for vulnerable populations, and their need for protection. Professor Gosden has given evidence to the US Senate Judiciary Committee on bioterrorism to the UN Human Rights Commission in Geneva and published many articles and papers. In July 2002, some of her findings were featured on a PBS Wide Angle special "Saddam's Ultimate Solution".

Corporate Supporters

(unrestricted educational grants)

A special thank you to the following companies:

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☞ Fougera, a division of Nycomed ☞

☞ Paddock Laboratories Inc. ☞

☞ Protherics PLC ☞

The 2010 Congress

The 2010 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:

- Lipid infusion: the science
- Child resistant packaging: innovations, regulations, testing
- Near misses involving toxicants against the U.S.
- Weapons of mass destruction
- Safe handling of venomous snakes at U.S. zoos
- Biochemistry of snake venoms
- Forensic case studies in opioid toxicity
- Cardiovascular toxin antidotes
- Paraquat poisoning: a rational approach to treatment

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, and the American Association of Poison Control Centers. Participating organizations include the 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.

Pre-Meeting Activities

Thursday, October 7

ACMT Pre-Meeting Symposium Euphoria & Dysphoria

Friday, October 8

AACT Pre-Meeting Symposium

- **Building Bridges in Toxicology: From Bench to Bedside**

New for 2010

- **Hosted by the AACT Acute & Intensive Care SIG: Use of a Simulation Center for Clinical Toxicology Training**

Using a simulation mannequin, meeting attendees will be given the opportunity to observe and/or participate in the simulated resuscitation of an overdose victim. An experienced technologist from Medical Education Technologies, Inc. will be on-site to demonstrate the use of a simulator in clinical toxicology education. The simulation center will be open throughout the meeting.

- **Toxicology History Room**

Posters featuring toxicology history, made available by the Society of Toxicology, will be on display. Members from the Toxicology History Society will be on hand to display additional artifacts from toxicology history.

- **Sunday, October 10th is Occupational and Environmental Toxicology Day**

Single day registration is available for those interested in occupational and environmental toxicology. Participants will be able to attend three, two-hour symposia; an occupational/environmental research platform session, and a poster session which includes all of the accepted occupational/environment research posters for NAACT 2010.

- **Monday, October 11th is Wellness Day**

Wellness events will take place in the registration area.

- **An Internet Café and wireless internet access throughout all sessions. Sponsored by McNeil Specialty Consumer Pharmaceuticals.**



Post-Meeting Activity

Advanced Hazmat Life Support (AHLs)

Wednesday, Thursday, & Friday, October 13th – 15th

Provider & Instructor Course

Register online at www.ahls.org or call (520) 626-2305 today!

Tentative Schedule and Continuing Education Credit

Session	ACPE Program Number	Credit Hours*		
		RPh	MD	RN
Thursday • October 7, 2010				
8:00 a.m. – 5:00 p.m. ACMT Pre-Meeting Symposium: Euphoria & Dysphoria	225-999-10-200-L01-P	8.5	8.5	8.5
Friday • October 8, 2010				
8:00 a.m. – 5:00 p.m. AACT Pre-Meeting Symposium: Building Bridges in Toxicology: from Bench to Bedside	225-999-10-201-L01-P	8.0	8.0	8.0
1:00 p.m. – 4:00 p.m. Exhibit/Poster Session I Set-up				
5:15 p.m. – 7:15 p.m. ACMT Clinical Pathophysiology Conference (CPC) Competition	225-999-09-202-L01-P	2.0	2.0	2.0
Saturday • October 9, 2010				
7:30 a.m. – 9:00 a.m. Keynote Presentation and Breakfast				
9:00 a.m. – 4:00 p.m. Exhibits/Posters Session I				
9:00 a.m. – 10:00 a.m. Authors with Posters				
10:00 a.m. – 12:00 p.m. AACT Symposium: Lipid Infusion: The Science Behind a New Treatment Modality	225-999-10-203-L01-P	2.0	2.0	2.0
12:00 p.m. – 1:00 p.m. Lunch				
1:00 p.m. – 3:00 p.m. ABAT Symposium: Don't Tread on Me	225-999-10-204-L01-P	2.0	2.0	2.0
1:00 p.m. – 3:00 p.m. CAPCC Symposium: Use of Special Antidotes in Unusual Situations	225-999-10-205-L01-P	2.0	2.0	2.0
1:00 p.m. – 3:00 p.m. ACMT Practice Symposium: Forensic Toxicology of Opioids	225-999-10-206-L01-P	2.0	2.0	2.0
3:00 p.m. – 4:00 p.m. Break				
4:00 p.m. – 5:00 p.m. Platform Session I: Top 8 Abstracts	225-999-10-207-L01-P	1.0	1.0	1.0
5:00 p.m. – 6:00 p.m. Platform Session 2: Top 8 Abstracts (cont.)	225-999-10-208-L01-P	1.0	1.0	1.0
6:00 p.m. – 7:00 p.m. Opening Reception				
7:00 p.m. – 9:00 p.m. Toxicological History Society	225-999-10-209-L01-P	2.0	2.0	2.0
Sunday • October 10, 2010				
8:00 a.m. – 10:00 a.m. ACMT Scientific Symposium: The Toxicology of Endocrine Disruption	225-999-10-210-L01-P	2.0	2.0	2.0
9:00 a.m. – 4:00 p.m. Exhibits/Posters Session II				
10:00 a.m. – 11:00 a.m. Authors with Posters				
Includes Occupational-Environmental Poster Section				
11:00 a.m. – 12:00 p.m. Platform Session III: Occupational/Environmental Toxicology	225-999-10-211-L01-P	1.0	1.0	1.0
11:00 a.m. – 12:00 p.m. AACT Envenomation SIG: Update on Coral Snake Antivenom	225-999-10-212-L01-P	1.0	1.0	1.0
11:00 a.m. – 12:30 p.m. ACMT Fellows-in-Training Roundtable				
11:00 a.m. – 1:00 p.m. SACTRC Tropical Toxicology Symposium				
12:00 p.m. – 1:30 p.m. Lunch				
1:30 p.m. – 3:30 p.m. AACT Radiation & Occupational/Environmental SIG Joint Symposium	225-999-10-214-L01-P	2.0	2.0	2.0
1:30 p.m. – 3:30 p.m. AACT Acute and Intensive Care Symposium: Dilemmas & Controversies: Don't Let These Toxicants Burn You	225-999-10-215-L01-P	2.0	2.0	2.0
3:30 p.m. – 4:00 p.m. Break				
4:00 p.m. – 6:00 p.m. Mountain and Plains Occupational and Environmental Toxicology Symposium	225-999-10-216-L01-P	2.0	2.0	2.0
4:00 p.m. – 6:00 p.m. AAPCC SPI 1 Symposium: Cardiovascular Toxicology	225-999-10-217-L01-P	1.0	1.0	1.0
4:00 p.m. – 6:00 p.m. AACT Trainees Research Platform Session	225-999-10-218-L01-P	2.0	2.0	2.0

Those entries colored red indicate that the educational offering is included in the one day Occupational-Environmental Toxicology Track. All NAACT Congress registrants may attend. Those with single day registrations may attend only these sessions.

* 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.

AACT = American Academy of Clinical Toxicology
 AAPCC = American Association of Poison Control Centers
 ABAT = American Board of Applied Toxicology
 ACMT = American College of Medical Toxicology
 APAMT = Asia Pacific Association of Medical Toxicology

CAPCC = Canadian Association of Poison Control Centres
 EAPCCT = European Association of Poisons Centres and Clinical Toxicologists
 SACTRC = South Asian Clinical Toxicology Research Collaboration
 SIG = Special Interest Group



Session	ACPE Program Number	Credit Hours*		
		RPh	MD	RN
Monday • October 11, 2010				
8:00 a.m. – 10:00 a.m. AAPCC Symposium: Breaking the Cycle of Pediatric Exposures	225-999-10-219-L01-P	2.0	2.0	2.0
9:00 a.m. – 4:00 p.m. Exhibits/Poster Session III				
10:00 a.m. – 11:00 a.m. Authors with Posters				
11:00 a.m. – 12:00 p.m. AACT Career Achievement Lectureship: Friends and Foes in the Plant World (Dr. Edward Krenzelok)	225-999-10-220-L01-P	1.0	1.0	1.0
12:00 p.m. – 1:30 p.m. Lunch				
12:00 p.m. – 1:30 p.m. ACMT Fellows-in-Training Luncheon				
1:30 p.m. – 3:30 p.m. EAPCCT Symposium: Unusual Toxic Outbreaks				
1:30 p.m. – 3:30 p.m. AAPCC SPI Roundtable	225-999-10-222-L01-P	2.0	2.0	2.0
1:30 p.m. – 3:30 p.m. AACT Forensic SIG Poster Session	225-999-10-223-L01-P	2.0	2.0	2.0
3:30 p.m. – 4:00 p.m. Break				
4:00 p.m. – 5:00 p.m. AACT Year in Toxicology	225-999-10-224-L01-P	1.0	1.0	1.0
4:00 p.m. – 5:00 p.m. Platform Session IV	225-999-10-225-L01-P	1.0	1.0	1.0
4:00 p.m. – 6:00 p.m. AACT Herbal SIG Poster Session	225-999-10-226-L01-P	2.0	2.0	2.0
5:00 p.m. – 6:00 p.m. ACMT Ellenhorn Symposium	225-999-10-227-L01-P	1.0	1.0	1.0
5:00 p.m. – 6:00 p.m. Platform Session V	225-999-10-228-L01-P	1.0	1.0	1.0
7:30 p.m. – 9:30 p.m. SPI Awards/Quiz Bo	225-999-10-229-L01	1.0	1.0	1.0
Tuesday • October 12, 2010				
7:00 a.m. – 12:00 p.m. Exhibits/Posters Session IV				
8:00 a.m. – 9:00 a.m. Platform Session VI	225-999-10-230-L01-P	1.0	1.0	1.0
8:00 a.m. – 10:00 a.m. AAPCC Veterinary Symposium: "My Baby is Poisoned!" Human and Vet Tox Conundrums	225-999-10-231-L01-P	2.0	2.0	2.0
8:00 a.m. – 10:00 a.m. AACT WMD SIG: Near misses involving toxicants against the U.S.	225-999-10-232-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. AACT Articles You Might Have Missed	225-999-10-233-L01-P	2.0	2.0	2.0
11:00 a.m. – 1:00 p.m. AAPCC SPI II Symposium: Poison Center Operations	225-999-10-234-L01-P	2.0	2.0	2.0
Maximum Hours		46.5	48.0	46.5**

**Application for nursing credits has been submitted to the California Board of Nursing. Credit hours are preliminary, and subject to final approval.

* 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



ACMT Pre-Meeting Symposium

Thursday • October 7, 2010

American College of Medical Toxicology's 2010 Pre-Meeting Symposium: Euphoria & Dysphoria

This symposium highlights a challenging problem encountered by medical toxicologists and poison center specialists everyday. Significant public health problems arise from substance abuse in general. This lecture series presents state-of-the-art discussions aimed at enhancing the care of the intoxicated and/or withdrawing patient.

Objectives

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

1. Describe the basic physiology of common neurotransmitter receptors involved in human mood.
2. Discuss how xenobiotics may alter receptor functioning.
3. Describe the recent trend in opiate/opioid drug diversion and misuse.
4. Discuss the technology and ramifications of abuse-deterrent strategies in pharmaceuticals.
5. Describe the epidemiology and toxicities of ADHD medication abuse and misuse in pediatric and adult populations.
6. Describe several examples of toxicity due to polypharmacy regimens for management of ADHD.
7. Discuss new and emerging designer drugs of abuse.
8. Discuss the pharmacology, toxicity, and therapy associated with designer drugs of abuse.
9. Describe the major xenobiotics implicated in NAS and their pathophysiology.
10. Discuss the clinical presentation and treatment modalities for NAS.
11. Discuss the mechanisms of hyperalgesia experienced by opioid addicts not only in withdrawal but also in active users.
12. Discuss the concept of opioid craving from a behavioral and neurochemical perspective. Review the treatment of pain in both the inpatient and outpatient settings.
13. Describe current understanding of neuroadaptive mechanisms to chronic ethanol exposure and clinical manifestations following abstinence.
14. Discuss novel pharmacotherapeutic options in the treatment of acute ethanol withdrawal.
15. Review how historic bedside observations of withdrawal continue to predict recent bench breakthroughs in neurophysiology.
16. Discuss how the evolving model of ethanol withdrawal provides the foundation for understanding withdrawal from all other xenobiotics.

MODERATOR

Michele Burns Ewald, MD, FACMT, Assistant Professor of Pediatrics, Harvard Medical School; Boston, MA, Attending Physician, Children's Hospital Boston, Boston, MA

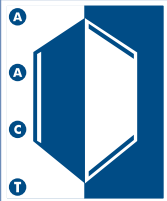
Topics to be Covered:

EUPHORIA

- **Receptor Physiology: Sending the Right Signal**
Silas W. Smith, MD, Assistant Professor, Emergency Medicine, Assistant Director, Fellowship in Medical Toxicology, New York University School of Medicine; Attending Physician, Bellevue Hospital Center and NYU, Langone Medical Center, New York, NY
- **Opioid Abuse-Deterrent Technology: We Can Make It Better, Stronger, Faster.....Maybe**
Tammi H. Schaeffer, DO, Assistant Clinical Professor University of Colorado - Denver School of Medicine, Rocky Mountain Poison and Drug Center; Denver Health, Denver, CO
- **ADHD Medications: Tales of Abuse, Misuse, and Perilous Polypharmacy**
Katie O'Donnell, MD, FAAP, Instructor of Pediatrics, Harvard Medical School, Attending Physician, Children's Hospital Boston, Boston, MA
- **Designer Drugs of Abuse: Not as Designed**
Michael D. Levine, MD, Attending Physician Department of Medical Toxicology, Banner Good Samaritan Medical Center, Phoenix, AZ

DYSPHORIA

- **Neonatal Abstinence Syndrome (NAS): Not A Simple Problem**
Michele Burns Ewald, MD, FACMT, Assistant Professor of Pediatrics, Harvard Medical School, Attending Physician, Children's Hospital Boston, Boston, MA
- **Opioid Withdrawal: A Painful Craving**
D. Eric Brush, MD, FACEP, FACMT, Assistant Professor, Emergency Medicine, University of Massachusetts Medical School, Worcester, MA
- **Ethanol Withdrawal: Beyond the Hair of the Dog**
Binh T. Ly, MD, FACMT, FACEP, Associate Professor, Director, Medical Toxicology Fellowship, Director, Emergency Medicine Residency, University of California, San Diego School of Medicine, San Diego Medical Center, San Diego, CA
- **A Century of Withdrawal: 100 Years Of Progress From Bedside To Bench**
Mark B. Mycyk, MD, FACMT, Associate Professor Rush Medical College, Toxikon Consortium, Attending Physician, Cook County Hospital, Chicago IL



AACT Pre-Meeting Symposium

Friday • October 8, 2010

American Academy of Clinical Toxicology's 2010 Pre-Meeting Symposium: *Building Bridges in Toxicology: From Bench to Bedside*

An understanding of the principles of research in toxicology and the application of new research findings to clinical practice is critical to the continuing professional development of all clinical toxicologists, including poison center specialists. Toxicologists, pharmacists, poison center staff, and other health care workers need to remain current in their understanding of how poisons work and what underlies the approach to patient management. This symposium will offer participants a unique opportunity to update themselves on the underlying toxicological mechanisms accounting for clinical injury from drugs and chemicals. New ideas emerging from research into the genetics underlying susceptibility, as well as the strengths and challenges of animal and human research in toxicology will be presented. Attendees will get an insider's look at criteria used by a major international professional journal to select which research should be published. Key learning concepts regarding the toxic insults to the hepatic, renal and dermatologic organ systems 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. Review the principles of evidence based medicine as it pertains to research in clinical toxicology.
2. Discuss the issues regarding robust subject selection for clinical toxicology randomized controlled trials.
3. Describe the role of genetics (i.e. DNA sequence variation) in predicting the response to a chemical toxin or toxicant.
4. Discuss the role of epigenetics in predicting the response to a chemical toxin or toxicant.
5. Review the limitations of information obtained from animal studies in predicting safety in humans.
6. Discuss the role of both in vivo and in vitro studies in toxicology research. Describe the diversity of syndromes produced by OP pesticides.
7. Discuss the effectiveness of antidotes for OP pesticide poisoning and explore the reasons why antidotes may not be effective.
8. Describe the process of peer reviewed publication and where to submit their report.
9. Discuss how to plan an article, optimize paper presentation, and respond to referees' reports.
10. Describe properties that make drugs amenable to removal by extracorporeal modalities.
11. Discuss the pharmacology of xenobiotics for which dialysis is an appropriate therapy.
12. Review data regarding efficacy of CVVH (continuous venovenous hemodialysis).
13. Discuss the role of the liver in the detoxification of specific xenobiotics at the cellular level.
14. Describes mechanisms of injury by toxins that are associated with specific light microscopic manifestations of injury.
15. Review the current diagnostic categories of severe cutaneous reactions.
16. Discuss new concepts in the pathogenesis of severe cutaneous reactions.
17. Describe evidence-based treatment for severe cutaneous reactions.

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: Perspectives on Research in Toxicology

► Research in Clinical Toxicology - Why the Methodologists are Wrong

Milton Tenenbein, M.D., FRCPC, FAAP, FACCT, FACMT, Department of Pediatrics & Pharmacology University of Manitoba, Children's Hospital, Winnipeg, Manitoba, Canada

► A Framework for Studying Genetic and Epigenetic Susceptibility to Toxic Chemicals

Robert O. Wright M.D., M.P.H., Associate Professor of Pediatrics and Environmental Health, Harvard Medical School, Director Metals Research Core Laboratory, Center for Environmental Health, Harvard School of Public Health, Department of Emergency Medicine, Children's Hospital, Boston, Massachusetts

► Advantages & Pitfalls of Using Animals in Toxicology Research

Timothy J. Maher, Ph.D., Professor of Pharmacology, Sawyer Professor of Pharmaceutical Sciences, Chairman, Department of Pharmaceutical Sciences, Massachusetts College of Pharmacy and Health Sciences, Boston, Massachusetts

► Human and Mini-pig Studies on OP Pesticide Poisoning

Michael Eddleston, Ph.D., FRCP, Edin Scottish Senior Clinical Fellow, Clinical Pharmacology Unit, University of Edinburgh, National Poisons Information Service - Edinburgh, Royal Infirmary of Edinburgh, UK

AACT Pre-Meeting Symposium continued on page 8

AACT Pre-Meeting Symposium

Friday • October 8, 2010

Topics to be Covered: *(continued)*

Plenary Session 2: Body Systems: Research & The Pathogenesis of Clinical Toxicity

RENAL

► The Dialysis Machine: Where the Toxicologists & Nephrologists Meet

David S. Goldfarb, M.D., Chief, Nephrology Section, New York Harbor VA Medical Center, Professor of Medicine & Physiology, New York University Langone Medical Center, Consultant, New York City Poison Control Center, New York City, New York

HEPATOLOGY

► Hepatic Toxins: Principles of Pathogenesis

Kathleen Delaney, M.D.

Professor, Division of Emergency Medicine, University of Texas Southwestern Medical School, Director of Faculty Development, Louisiana State University Emergency Medicine Residency Program, Baton Rouge, Louisiana

DERMATOLOGY

► Update in Severe Cutaneous Adverse Reactions

Michael Rieder, M.D., Division of Clinical Pharmacology, Department of Pediatrics, Children's Hospital of Western Ontario, University of Western Ontario, London, Ontario, Canada

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.



Denver, Colorado

Surrounded by majestic mountain peaks, Denver is undeniably one of America's most beautiful cities. Fall is spectacular in the Rockies – the perfect time to enjoy a taste of the Old and New West.

The 'Mile High City' has an ongoing love affair with the great outdoors. While you are there, take time to enjoy the outdoor activities including the nation's largest city park system, 90 golf courses and an incredible 650 miles of paved bike trails. If you prefer a cosmopolitan city, look no further than Downtown Denver. It is home to three sports stadiums, 300 restaurants, a variety of galleries, great shopping including Denver Pavilions, and even a unique downtown amusement park, *Six Flags Elitch Gardens*.

Denver's downtown is centered around a tree-lined, red-and-gray granite pedestrian promenade. Stroll its outdoor cafes, shops, restaurants and department stores. Stop at one of the plazas along the way to enjoy the refreshing fountains, alfresco dining and a variety of daily special events. Walking is irresistible, but free shuttle buses cruise the mile-long Mall, stopping at points of interest along the way.

At *Civic Center*, adjacent to the shuttle turnaround, you can stand exactly one mile high on the 13th step of the *State Capitol*. Literally a "milestone"! The sweeping view of the Rocky Mountains is impressive, and becomes spectacular should you opt to climb 93 steps to the gold-plated dome.

Prepare to have a good time in *LoDo* (Lower Downtown was the site of early Denver in 1870-1890). You'll enjoy this "hip" historic district where restored Victorian buildings now house more than 90 sports bars, brew pubs and jazz clubs. Denver brews more beer than any other city with 80 different beers brewed right there!

Live entertainment abounds in Denver from dinner theater to impromptu serenades on the downtown plazas. The *Denver Performing Arts Complex* is the second largest in the nation with ten theatres which seats 10,000 people for theatre, symphony, opera and ballet. Denver has some of the best concert venues on earth, including the famous *Red Rocks Amphitheatre*, a 9,000-seat arena carved out of gigantic red rock boulders. *The Comedy Works*, where Roseanne Barr was discovered.

Denver has an amazing collection of museums and cultural attractions. *The Denver Zoo* is the fourth most popular zoo in the nation, while the *Denver Museum of Nature & Science* just added a space museum and the world's most advanced digital planetarium. The *Denver Art Museum* and the *Downtown Aquarium* are equally popular visitor attractions. You can also ride Denver's famous horse carriages.

The *Hyatt Regency Denver at Colorado Convention Center* will be the location for this exciting educational event which is easily accessible to public transportation and the airport. The hotel is within walking distance of some of Denver's most interesting cultural and historic sites.

You may wish to arrive before, or stay after, the meeting dates to tour other exciting areas. Within an hour's drive of Denver you can pan for gold on the site where a half billion dollars of it was found. Visit the beautiful *Air Force Academy*, hike through the spectacular scenery of *Estes Park* and *Pikes Peak*, or tour the *Colorado Springs Region*, *Mt. Evans* and *Echo Lake*. Denver is the gateway to the magnificent Colorado Rockies – an area filled with more than a thousand peaks – two miles high, over thirty major resorts and above it all, the deepest Western blue sky you will ever see.

For more information on Denver including restaurant reviews, attractions and tours, call the Denver Metro Convention and Visitors Bureau at 303-892-1112 or go to www.denver.org. For a list of Denver activities, visit: www.denvergov.org.cbvinfo/cit2do.asp.



Registration Information

Registration Fees • NACCT Main Congress 2010 • October 9-12, 2010

	ADVANCE* until 8/31	REGULAR 9/1 - 9/13	LATE 9/14-onsite
AACT, AAPCC CAPCC, EAPCCT Members**	\$550	\$625	\$750
SPIs, Poison Center Educators	\$375	\$425	\$575
Fellows	\$375	\$425	\$575
Residents, Students	\$375	\$425	\$575
Active Duty Military Personnel***	\$375	\$425	\$575
Non-Members	\$810	\$850	\$935
Guest ****	\$ 40	\$ 40	\$ 40
CE Credit (MD, DO, Pharmacist, RN)	\$150	\$150	\$150

Registration Fees • Affiliated Programs

ACMT Pre-Meeting Symposium <i>Thursday, October 7</i>	
General Registration	\$245
ACMT Members	\$195
AACT Members	\$220
SPIs/PC Educators	\$170
Fellows	\$170
Residents, Students	\$170
Continuing Education Credit	\$ 55

AACT Pre-Meeting Symposium <i>Friday, October 8</i>	
General Registration	\$280
AACT Members	\$195
SPIs/PC Educators	\$180
Fellows	\$180
Residents, Students	\$180
Continuing Education Credit	\$ 55

Occupational Environmental Track <i>Sunday, October 10</i>	
Registration	\$200
Continuing Education Credit	\$ 55

* Advance registration must be postmarked on or before August 31, 2010.

** Must be a current member of any of these organizations prior to registering for NACCT.

Contact Contemporary Forums if you are interested in becoming a member of a sponsoring organization.

*** Military - Active members serving in the Army, Navy, Air force, Marines, and Coast Guard of the United States of America.

**** This charge allows participants' guests to attend the opening reception.

➤ 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.

➤ **Purchase Orders:** Purchase Orders must be received with registration by the conference date and include the P.O. number, invoice address, tuition, approval signature, and contact name, e-mail address and phone number.

➤ Confirmation of registration will be sent via email or mail.

➤ Cancellations received after **August 31, 2010** 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, 2010.

Hotel Accommodations

- The conference will be held at the **Hyatt Regency Denver at Colorado Convention Center**, 650 15th Street, Denver, CO 80202. 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 **October 5 to October 14** for those wishing to extend their stay to enjoy area activities or qualify for discount airfares.
- **Rates: \$209 single, \$209 double**
Rates are per room and subject to prevailing state and local taxes.
Regency Club
Rooms: \$249 single/double
- To obtain the special group rates, **make your reservation early and before the “hotel room block release date” which is September 6.** 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.clintox.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 **Hyatt Regency** at **303-436-1234**.

Continuing Education Credit

This program was designed in accordance with the Accreditation Council for Pharmacy Education Quality Criteria and the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education.

Physician

The American Academy of Clinical Toxicology designates this educational activity for a maximum of 48 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Pharmacy

This Congress will have multiple ACPE Universal Program numbers. Pharmacists can earn up to a maximum of 46.5 continuing education credit hours. Pharmacists should only claim credit commensurate with the extent of their participation in the activity.

Nursing

46.5 Continuing Education Contact Hours have been applied for.

(NOTE: Full CE credit cannot be claimed for all sessions within a concurrent (shaded) time block.)

AACT reserves the right to adjust the maximum number of hours available as necessary pending change in the program schedule.

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.



Arrangements have been made with Hertz to be the official car rental agency for the NACCT Congress. Special rates will be in effect throughout 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 #03000256**.



Requirements for Successful Completion

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 (\$150 for the Main Congress, \$55 for the ACMT Pre-Meeting Symposium, \$55 for the AACT Pre-Meeting Symposium). Occupational Environmental Track single day registrants should submit \$55.
2. Complete an evaluation form for each session attended. Please list your suggestions for topics for future meetings.

ONLINE REGISTRATION AVAILABLE

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

NACCT 2010 Registration Form

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.

NONPROFIT ORG
U.S. POSTAGE PAID
CONCORD, CA
Permit No. 201

MEMBERSHIP STATUS Please check all that apply

- AACT AAPCC CAPCC EAPCC SPI/Educator

REGISTER ME FOR

- ACMT Pre-Meeting Symposium** - October 7
 ACMT Member
 Speaker
- AACT Pre-Meeting Symposium** - October 8
 Speaker
- NACCT Main Congress** - October 9-12
- Occupational Environmental Track Only** - October 10
- AACT Reception** - October 10
(AACT Members only)

If you are a Fellow, Resident or Student

(checking the box below acknowledges current status)

- I am currently enrolled in an active fellowship, resident program and/or medical school

PLEASE PRINT CLEARLY

First Name Last Name

Place of Employment

City State

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(s) to the Opening Reception, October 9, must pay an event fee of \$40 and provide name of guest(s) for identification badge:

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
 Poison Center SPI/Educator
 Resident
 SPI
 Student
 Other: _____

Contemporary Forums
11900 Silvergate Drive
Dublin, CA 94568-2213

Code: PDF

PAYMENT SUMMARY #821

Early Fee Postmark Deadline: August 31, 2010

Registration fees based on Membership and Position/Job Function (See page 10)

Table with 2 columns: Event Name and Amount. Rows include ACMT Pre-Meeting Symposium, AACT Pre-Meeting Symposium, NACCT Main Congress, Environmental Track Only, and Opening Reception Guest Fee.

- 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 #

OFFICE USE ONLY: C D E