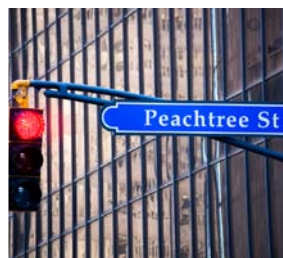


North American Congress of Clinical Toxicology

Organized By The American Academy of Clinical Toxicology

Atlanta, GA • September 27-October 2, 2013



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
- American College of Medical Toxicology
- Canadian Association of Poison Control Centres
- European Association of Poisons Centres and Clinical Toxicologists



NACCT



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 2013**, with associated pre-meeting functions, will be held at **Hyatt Regency Atlanta, September 27-October 2, 2013**.

This annual conference allows an opportunity for physicians, pharmacists, nurses, and scientists from around the world to participate in the sharing of knowledge on a wide variety of clinical toxicology topics and issues. 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:

- Describe the effects of acute and chronic exposures to poisons on the health of patients and populations.
- Evaluate patients with exposure to natural toxins and drugs of abuse, and with occupational or environmental exposures.
- Explain the mechanisms of toxicity for pharmaceuticals, natural toxins and drugs of abuse.
- List the clinical manifestations of poisoning from pharmaceuticals, natural toxins and drugs of abuse.
- Develop a treatment plan for a patient with poisoning from pharmaceuticals, natural toxins or drugs of abuse.
- Identify potential areas for collaboration between Poison Centers and other regional agencies that may participate in public health events.
- Use research findings to improve the care of poisoned patients.
- Describe the appropriate use of the laboratory for the evaluation of the poisoned patient.

Corporate Sponsors

A special thank you to the following companies:

BTG International, Inc.

Cumberland Pharmaceuticals

McNeil Consumer Healthcare

Keynote Speaker

Monday, September 30
Keynote Symposium:
The Prescription Opioid Abuse Epidemic



Thomas R. Frieden, MD, MPH
Director, Centers for Disease Control and Prevention

Thomas R. Frieden completed undergraduate studies at Oberlin College, and received both his MD and MPH degrees from Columbia University. Dr. Frieden then completed training in infectious disease at Yale University, prior to working for CDC from 1990 - 2002. He worked as an Epidemic Intelligence Service Officer and directed several tuberculosis programs in New York and India. In 2002, Dr. Frieden was appointed Commissioner of the New York City Health Department. From 2002 - 2009, he directed the city's effort reducing the number of smokers by 350,000, reducing teen smoking by half, eliminating trans-fats from restaurants, and establishing the largest community electronic health records project in the country. Immediately upon his appointment as CDC Director in 2009, Dr. Frieden led the nation's response to the 2009 H1N1 influenza virus pandemic. He has received many awards and honors and has published more than 200 scientific articles. Dr. Frieden's keynote presentation will focus on the current prescription opioid abuse epidemic.

The Online Library

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

The Library Features:

- Search by conference session 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 2013 Congress

The 2013 Congress will offer multiple clinical toxicology symposia, presentation of original research as posters and platforms, and scheduled special interest and committee group meetings. Selected topics include:

- Applied qualitative and quantitative forensic toxicology
- Chelation therapy
- Chinese herbs and Ayurvedic medicine in chronic kidney disease
- Communications in disaster preparedness
- Diagnosis and management of metabolic acidosis
- Medical Aspects of Improvised Nuclear Detonation
- Intensive care management of the poisoned patient
- Remediation of America's brownfields
- Simulation exercises based on toxic exposures
- Substance abuse in the pediatric and adolescent population
- Toxicology approaches to the obese patient
- Update on evaluation of acetaminophen poisoned patients based on recent developments in Europe

Pre-Meeting Activities

Friday, September 27

AACT Pre-Meeting Symposium

Adverse Drug Events: From Public Health to Molecular Mechanisms

Saturday, September 28

ACMT Pre-Meeting Symposium

CSI Atlanta: Toxicology, Law Enforcement, and Crime Scene Investigation

Special Opportunities for 2013

• 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 using a simulator for toxicology education:

An experienced staff 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.

The Simulation Center will be available:

Sunday, September 29th: 3:15 pm - 4:15 pm

Monday, September 30th: 2:45 pm - 3:45 pm
4:00 pm - 5:00 pm

Tuesday, October 1st: 10:30 am - 11:30 am
1:00 pm - 2:00 pm
5:00 pm - 6:00 pm

ACPE Program Number: 0225-9999-13-245-L04-P (A)/1.0 credit

• Toxicology History Room

Posters featuring toxicology history, made available by the Toxicology History Association, will be on display.

Post-Meeting Activity

AHLS for Radiological Incidents & Terrorism

October 2, 2013 • 1pm – 5pm

Grady Hospital Campus
Steiner Auditorium - Steiner Building

\$173 early bird fee • \$188 regular fee
Register at www.ahls.org • 520-626-2305



Internet Café and wireless Internet access throughout all sessions

Continuing Education Sessions



Session	ACPE Program Number	Credit Hours*		
		RPh	MD	RN
Friday, September 27, 2013				
8:00 am – 5:00 pm AACT Pre-Meeting Symposium: Adverse Drug Events - From Public Health to Molecular Mechanisms	0225-9999-13-200-L04-P (K)	7.0	7.0	7.0
11:45 am – 1:00 pm AACT Fellows in Training with Past Presidents Luncheon		—	—	—
Saturday, September 28, 2013				
8:00 am – 4:00 pm ACMT Pre-Meeting Symposium: CSI Atlanta: Toxicology, Law Enforcement and Crime Scene Investigation	0225-9999-13-201-L04-P (K)	7.0	7.0	7.0
4:30 pm – 6:30 pm ACMT Clinical Pathophysiology Competition (CPC)	0225-9999-13-202-L04-P (K)	2.0	2.0	2.0
Sunday, September 29, 2013				
7:30 am – 7:35am Welcome and Openings remarks: Robert S. Hoffman, MD, AACT President				
7:35 am – 9:35 am EAPCCT Symposium: Acetaminophen poisoning: Update on evaluation, treatment and biomarkers	0225-9999-13-203-L04-P (K)	2.0	2.0	2.0
9:30 am – 4:00 pm Exhibits / Poster Session I / Authors with Posters 9:30-10:30 am				
10:30 am – 11:30 am PEC: Dangerous Detox Therapies: Don't Try This at Home	0225-9999-13-205-L04-P (K)	1.0	1.0	1.0
10:30 am – 12:00 pm AACT Trainees Research Symposium presented by Fellows in Training	0225-9999-13-246-L04-P (K)	1.5	1.5	1.5
10:30 am – 12:30 pm AAPCC Symposium: Best Practices: Poison Center Collaboration and Integration with Regional On-Scene Coordinators in Public Health Disasters	0225-9999-13-204-L04-P (K)	1.0	1.0	1.0
11:30 am – 12:30 pm PEC: A Day in the Life of a SPI	0225-9999-13-206-L04-P	1.0	1.0	1.0
12:30 pm – 1:30 pm ACMT Fellows- in-Training Roundtable Opportunities in Industry for Medical Toxicologists		—	1.0	—
1:30 pm – 3:30 pm Platform Session I	0225-9999-13-207-L04-P (K)	2.0	2.0	2.0
1:30 pm – 3:00 pm PEC: From Call Center to Contact Center: Poison Center Utilization of Emerging Technology	0225-9999-13-208-L04-P (K)	1.5	1.5	1.5
3:15 pm – 4:15 pm Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
3:15 pm – 4:15 pm PEC: HRSA Update		—	—	—
4:00 pm – 5:00 pm AAPCC/CDC/ASTHO Collaborative Nurse Triage Project Planning for a Coordinated Network of Nurse Triage Lines during an Influenza Pandemic: Critical Role for Poison Control Centers	0225-9999-13-210-L04-P (K)	1.0	1.0	1.0
4:00 pm – 5:30 pm APAMT Symposium: Asian Herbs and Chronic Kidney Disease	0225-9999-13-211-L04-P (K)	1.5	1.5	1.5
4:15 pm – 5:15 pm PEC: Swap & Share	0225-9999-13-209-L04-P (K)	1.0	1.0	1.0
5:15 pm – 6:15 pm AACT Toxicology in the News Symposium: Health Effects of Hydraulic Fracturing	0225-9999-13-212-L04-P (K)	1.0	1.0	1.0
6:30 pm – 7:30 pm NACCT Opening Reception				
7:30 pm – 8:30 pm Toxicological Historical Society: Native American Toxicology and James Buchanan Duke: Father of the Modern Cigarette	0225-9999-13-213-L04-P (K)	1.0	1.0	1.0
Monday, September 30, 2013				
8:15 am – 9:30 am Keynote Symposium: The Prescription Opioid Abuse Epidemic (Thomas R. Frieden, MD, MPH)	0225-9999-13-214-L04-P (K)	1.0	1.0	1.0
9:00 am – 4:00 pm Exhibits / Poster Session II / Authors with Posters 2:30-3:30 pm				
9:30 am – 10:30 am AACT Career Achievement Award: Future Directions for Toxicologists and Toxicology—Humbly Offered	0225-9999-13-215-L04-P (K)	1.0	1.0	1.0
10:30 am – 11:30 am PEC: Incorporating Humor and Interactive Teaching Methods	0225-9999-13-216-L04-P (K)	1.0	1.0	1.0
10:30 am – 11:30 am ACMT Ellenhorn Award: Carpe' Diem - Advice to Young Toxicologists	0225-9999-13-217-L04-P (K)	1.0	1.0	1.0
11:30 am – 1:00 pm ACMT Fellows-in-Training Luncheon: Investigating Medication Safety Events: Becoming the Expert at Your Institution		—	1.5	—
1:00 pm – 2:00 pm PEC: Recognizing Credible Research	0225-9999-13-220-L04-P (K)	1.0	1.0	1.0
1:00 pm – 2:30 pm CAPCC Scientific Symposium: Metabolic Acidosis and Toxicology-Challenges in Diagnosis and Treatment	0225-9999-13-218-L04-P (K)	1.5	1.5	1.5
1:00 pm – 2:30 pm AACT Pediatric and Forensic SIG Symposium: The Impact of Substance Abuse on the Pediatric and Adolescent Patient	0225-9999-13-219-L04-P (K)	1.5	1.5	1.5

* 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.

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Session	ACPE Program Number	Credit Hours*			
		RPh	MD	RN	
2:45 pm – 3:45 pm	Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
3:30 pm – 4:30 pm	Platform Session II: AACT and ACMT Sponsored Research	0225-9999-13-221-L04-P (K)	1.0	1.0	1.0
3:30 pm – 4:30 pm	AAPCC SPI Roundtable Symposium: Laundry Pods and Severe Acidosis	0225-9999-13-222-L04-P (K)	1.0	1.0	1.0
4:00 pm – 5:00 pm	Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
4:30 pm – 5:30 pm	AAPCC Veterinary Symposium: Veterinary Toxicology—A Whole Different Animal	0225-9999-13-224-L04-P (K)	1.0	1.0	1.0
4:30 pm – 6:00 pm	ACMT Practice Symposium: Opportunities in Public Health—Initiatives for the Practicing Toxicologist	0225-9999-13-223-L04-P (K)	1.5	1.5	1.5
5:30 pm – 6:30 pm	AAPCC Local Area Symposium: Moonshine Toxicology: The Mixologists of the South; Outbreaks, Mass Poisonings and Mysterious Diseases, Oh My!	0225-9999-13-225-L04-P (K)	1.0	1.0	1.0
7:00 pm – 9:00 pm	AACT Reception with Induction of New Fellows and Career Achievement/Distinguished Service Recognition Awards				

Tuesday, October 1, 2013

8:00 am – 9:00 am	PEC: Pesticide Safety Among Non-English Speakers	0225-9999-13-227-L04-P (K)	1.0	1.0	1.0
8:30 am – 10:00 am	ACMT Scientific Symposium: Toxic Weight - An Update on Obesity	0225-9999-13-226-L04-P (K)	1.5	1.5	1.5
8:30 am – 10:00 am	AACT Radiation and WMD SIG Symposium: Medical Aspects of Improvised Nuclear Device Detonation	0225-9999-13-229-L04-P (K)	1.5	1.5	1.5
9:00 am – 4:00 pm	Exhibits / Poster Session III / Authors with Posters 10:00 – 11:00am				
9:00 am – 10:00 am	PEC: Suicide Prevention and Handling the Suicidal Caller	0225-9999-13-228-L04-P (K)	1.0	1.0	1.0
9:00 am – 10:00 am	AAPCC SPI Clinical Practices Symposium: Therapies Used in the ICU to Support the Toxicologically Compromised Patient	0225-9999-13-230-L04-P (K)	1.0	1.0	1.0
10:30 am – 11:30 am	Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
11:00 am – 12:00 pm	Platform Session III	0225-9999-13-231-L04-P (K)	1.0	1.0	1.0
11:00 am – 12:00 pm	AACT Occupational and Environmental SIG Symposium: From Superfund Site to Neighborhood Playground: How Does it Happen Safely?	0225-9999-13-232-L04-P (K)	1.0	1.0	1.0
1:00 am – 2:00 am	Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
1:00 pm – 3:00 pm	PEC: Risk Communication - Media and Prevention Messaging	0225-9999-13-233-L04-P (K)	2.0	2.0	2.0
1:00 pm – 2:00 pm	Platform Session IV	0225-9999-13-234-L04-P (K)	1.0	1.0	1.0
1:00 pm – 2:00 pm	AAPCC SPI Best Practice Symposium: Unique and Practical Approaches Among Different Poison Centers to Unknown Ingestions Managed in the ICU	0225-9999-13-235-L04-P (K)	1.0	1.0	1.0
2:00 pm – 3:00 pm	AAPCC SPI Radiation Symposium: Radiation-Poison Center Call Center Coding and Public Messaging	0225-9999-13-236-L04-P (K)	1.0	1.0	1.0
2:00 pm – 3:30 pm	AACT Critical Care Symposium	0225-9999-13-237-L04-P (K)	1.5	1.5	1.5
3:30 pm – 5:30 pm	AAPCC Educators Practice Symposium: Communication Issues in Disaster/Emergency Preparedness and Response – The Role of the Poison Center	0225-9999-13-238-L04-P (K)	2.0	2.0	2.0
4:00 pm – 5:00 pm	AACT Articles You May Have Missed Symposium	0225-9999-13-239-L04-P (K)	1.0	1.0	1.0
5:00 pm – 6:00 pm	Simulation Center available	0225-9999-13-245-L04-P (A)	1.0	1.0	1.0
7:00 pm – 9:00 pm	SPI Awards/Quiz Bowl				

Wednesday, October 2, 2013

7:00 am – 11:00 am	Exhibits / Poster Session IV / Authors with Posters 9:30 – 10:30 am				
8:00 am – 9:30 am	AACT Scientific Symposium: Chelation Therapy in the US – What Toxicologists Need to Know	0225-9999-13-240-L04-P (K)	1.5	1.5	1.5
8:00 am – 9:30 am	PEC: How Are Your Messages Working? A MessageWorks Orientation for Health Communicators	0225-9999-13-241-L04-P (K)	1.5	1.5	1.5
10:30 am – 12:00 pm	ABAT Scientific Symposium: Forensic Toxicology – Applied Quantitative and Qualitative Testing	0225-9999-13-242-L04-P (K)	1.5	1.5	1.5
10:30 am – 12:00 pm	PEC: Poisons in Pop Culture	0225-9999-13-243-L04-P (K)	1.5	1.5	1.5
12:00 pm – 3:00 pm	AACT/ACMT 2013 Medical Toxicology LLSA review	0225-9999-13-244-L04-P (K)	3.0	3.0	3.0
Maximum Hours			46.0	48.5	46.0*

Application for nursing credits has been submitted to the California Board of Nursing. Credit hours are preliminary and subject to final approval.
K = Knowledge-based activity; A = Application-based activity

* The AACT reserves the right to adjust the maximum number of hours available pending changes in the program schedule.
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SIG = Special Interest Group
WMD = Weapons of Mass Destruction



AACT Pre-Meeting Symposium

Friday • September 27, 2013

Adverse Drug Events - From Public Health to Molecular Mechanisms

The National Institute of Medicine has recognized adverse drug events (ADEs) as a major source of morbidity, mortality and medical costs. Toxicologists are among the most qualified healthcare providers to recognize, treat and prevent these events. However, adverse drug events are underemphasized in toxicology training programs and many toxicologists have limited familiarity with the administrative and scientific issues around adverse drug events. The overall goal of this session is to increase the familiarity of toxicologists with problems associated with adverse drug events from regulatory, clinical and basic science perspectives. To achieve this goal, the morning sessions will be centered on administrative issues such as the epidemiology, reporting and prevention of ADEs while the afternoon sessions will use case-based examples to review the mechanism and clinical manifestations of ADEs in several organ systems. The sessions will be very focused (30 minutes per speaker) and we expect a fast-moving and information-rich program.

Objectives

This program will enable you to better:

1. Use appropriate terminology to describe adverse drug events.
2. Describe the extent of adverse drug events as a public health problem.
3. Recognize the limitations of several systems that are in place to identify adverse drug events.
4. List the critical elements of a case report that describe adverse drug events.
5. Use the tools that are recommended for formal causality assessment.
6. Identify interventions that are used to decrease adverse drug events.
7. Describe the basic pharmacologic and physiologic mechanism of toxicity of adverse drug effects in several organ systems.
8. Describe the clinical manifestations and treatment for adverse drug events that affect one or more organ system.

Moderator

Kennon Heard MD, PhD

Associate Professor of Emergency Medicine
University of Colorado School of Medicine, Aurora, CO
Medical Toxicologist Rocky Mountain Poison and
Drug Center
Denver, CO



Topics to be Covered:

Adverse Drug Effect Terminology

Sean Patrick Nordt, MD, PharmD, DABAT, FAACT, FAAEM

Assistant Professor of Clinical Emergency Medicine,
Director of the Section of Toxicology,
Department of Emergency Medicine,
Keck School of Medicine, University of Southern California
Los Angeles, CA

Epidemiology of Adverse Drug Effects

Dan Budnitz, MD, MPH, CAPT, USPHS

Director, Medication Safety Program, Division of
Healthcare Quality Promotion, Centers for Disease
Control and Prevention
Atlanta, GA

Causality Assessment for Adverse Drug Effects

Daniel J. Cobaugh, PharmD, DABAT, FAACT

Vice-President, American Society of Health-System
Pharmacists Research and Education Foundation
Bethesda, MD

Adverse Drug Event Detection Systems in the US

William Banner, MD, PhD, FAAP, FCCM, FAACT, FACMT

Medical Director, Oklahoma Poison Control Center
Attending Physician of the Pediatric Intensive Care Unit at
INTEGRIS Baptist Medical Center
Adjunct Clinical Professor, University of Oklahoma
School of Pharmacy
Oklahoma City, OK

What Makes a High Quality Case Report Describing an Adverse Drug Event?

Martin Caravati, MD, MPH, FACEP, FACMT, FAACT

Director of Toxicology Consult Service, University of Utah
Health Sciences Center and Primary Children's
Medical Center
Professor of Surgery (Emergency Medicine) and Adjunct
Professor of Occupational Medicine, Pediatrics and
Pharmacotherapy at the University of Utah
Editor-in-Chief, *Clinical Toxicology*
Salt Lake City, UT

Adverse Event Prevention—What Works?

Brenna Farmer, MD

Assistant Professor of Medicine
Weill-Cornell Medical College
Attending Physician: Emergency Medicine and Medical
Toxicology Consultant Service
Weill-Cornell Medical Center/NY Presbyterian Hospital
Assistant Residency Director
NY Presbyterian Hospital, Emergency Medicine Residency
New York, NY

Adverse Drug Effects in the Hematological System

Frank LoVecchio, DO, MPH, FACEP

Co-Medical Director, Banner Good Samaritan Poison and
Drug Information Center
Maricopa Integrated Health System, Banner Good
Samaritan Medical Center and Phoenix Children's Hospital
Professor of Emergency Medicine, Research Scholar
University of Arizona College of Medicine
Phoenix, AZ

Adverse Drug Effects in the Skin

Whitney High, MD, MEng

Laboratory Director, University of Colorado
Associate Professor of Dermatology and Pathology,
University of Colorado
Aurora, CO

Adverse Drug Effects in the Liver

Victor Navarro, MD

Chair of the Division of Hepatology, Einstein Healthcare
Network
Philadelphia, PA

Adverse Drug Effects in the Cardiovascular System

Craig Smollin, MD

Assistant Clinical Professor, University of California
San Francisco School of Medicine
San Francisco, CA

Drug Effects in the Immune System

Flavia Hoyte, MD

Assistant Professor of Medicine and Associate Training
Program Director, Division of Allergy and Clinical
Immunology National Jewish Health and
University of Denver
Denver, CO

Adverse Drug Effects in the Kidney

Jeffrey Brent, MD, PhD

Distinguished Clinical Professor, Department of Internal
Medicine (Clinical Pharmacology and Toxicology),
University of Colorado, School of Medicine and Colorado
School of Public Health
Denver, CO

Adverse Drug Effects Due to Drug Interactions and Drug Metabolism

Andrew Monte, MD

Assistant Professor, University of Colorado School
of Medicine
Denver, CO



ACMT Pre-Meeting Symposium

Saturday • September 28, 2013

CSI Atlanta: Toxicology, Law Enforcement and Crime Scene Investigation

The ACMT Pre-Meeting Symposium is reaching out to talent both within and outside of our specialty to broaden our knowledge of analytical methods, real world crime labs and trends in forensic and clinical investigation of crime scenes. Likewise, the pathophysiologic consequences of the prehospital management of delirium by law enforcement and the effects of illicit drug-related activities on special populations including the prisoners and the drug-endangered child will be discussed. By connecting circles of professionals who work on different aspects of the same problems, we can advance the science and practice in this area with a true multidisciplinary focus. The global theme of the pre-meeting symposium is the interface between law enforcement and medical toxicology.

Objectives

1. Describe the process of crime scene investigation, drug recognition at the scene, and analytical toxicology methods for analyzing drug specimens obtained in law enforcement investigations relevant to the toxicologist.
2. Review recent trends in street drug adulterants.
3. Understand the pathophysiology and health/toxicologic risks of street drug adulterants.
4. Understand how the death certification process works in the setting of poisoning death and the possible roles of the medical toxicologist in this setting.
5. Describe some of the epidemiologic features of death by poisoning and opioid related deaths.
6. Review the epidemiology, pathophysiology and methods of investigation of drug-facilitated sexual assault.
7. Describe specific issues pertaining to the drug-endangered child, including long-term hazards of exposure to clandestine methamphetamine labs, pediatric methadone exposures and the features of malicious child poisoning/ Munchausen syndrome by proxy.
8. Discuss prehospital, law enforcement practices, and pharmacotherapy in dealing with agitated delirium, including the use of physical restraint and less-lethal electroshock control devices.
9. Understand important toxicologic issues pertaining to medical toxicology and incarceration, including important historical poisoning outbreaks associated with the prison population.
10. Discuss the controversies and evidence in support of treatment of "body stuffers".

Moderators

Nicole C. Bouchard, MD, FACMT, FRCPC
Assistant Clinical Professor of Medicine, Assistant Site
Director, Adult Emergency Medicine,
Director of Medical Toxicology, New York-Presbyterian
Hospital / Columbia University

Diane P. Calello, MD, FAAP
Medical Toxicologist, New Jersey Poison
Information and Education System, Department of
Emergency Medicine,
Morristown Medical Center and Emergency
Medical Associates



Topics to be Covered:

What's On the Street: Crime Lab Analysis of Illicit Drugs

Daniel V. Reinhardt, PhD

Division Chief, U.S. Army Criminal Investigation Laboratory

Street Drug Adulterants

Matthew S. Salzman, MD, FAAEM

Assistant Professor, Medical Toxicologist, Department of Emergency Medicine, Cooper Medical School at Rowan University, Consulting Toxicologist, Philadelphia Poison Control Center, Children's Hospital of Philadelphia

What's in a NAME: Determination of Death/Opioid Project

Gregory G. Davis, MD, MSPH

Associate Professor of Pathology, Associate Coroner/ Medical Examiner, University of Alabama-Birmingham School of Medicine

Drug Facilitated Sexual Assault:

Clinical and Forensic Evaluation

Nicole C. Bouchard, MD, FACMT, FRCPC

Assistant Clinical Professor of Medicine, Assistant Site Director, Adult Emergency Medicine, Director of Medical Toxicology, New York-Presbyterian Hospital / Columbia University

The Drug-Endangered Child/Malicious Child Poisoning – Panel Discussion

Jeffrey S. Fine, MD, FACMT

Assistant Professor, Departments of Emergency Medicine and Pediatrics (Emergency Med Division), New York University School of Medicine

Fred M. Henretig, MD, FAAP, FACMT

Professor of Pediatrics, University of Pennsylvania Perelman School of Medicine, Director, Section of Clinical Toxicology, Children's Hospital of Philadelphia, Senior Toxicologist and Associate Medical Director, Poison Control Center

Jennifer A. Lowry, MD, FAAP, FAACT

Section Chief, Medical Toxicology, Division of Clinical Pharmacology and Therapeutic Innovations, Director, Pediatric Environmental Health Specialty Unit, Medical Director, Center for Environmental Health, Children's Mercy Hospital,

Associate Professor of Pediatrics, University of Missouri-Kansas City School of Medicine

Into the Wild 1: Pathophysiology of Agitated Delirium and How to Really Make Things Worse

Jeffrey D. Ho, MD, FACEP

Associate Professor of Emergency Medicine, University of Minnesota Medical School, Department of Emergency Medicine, Hennepin County Medical Center, Deputy Sheriff, Meeker County Sheriff's Office

Into the Wild 2: Pharmacological Management of Agitated Delirium

Kristin M. Engebretsen, PharmD, DABAT

Clinical Associate Professor, University of Minnesota College of Pharmacy
Clinical Toxicologist, Regions Hospital

Agitation Management Open Floor Discussion and Q & A

Prison Toxicology

Susi U. Vassallo, MD, FACEP, FACMT

Clinical Associate Professor of Emergency Medicine, New York University School of Medicine

Controversies in Management of Body Stuffers - Panel Discussion

Steven E. Aks, DO, FACEP, FACMT

Director, Toxikon Consortium of Chicago, Associate Professor, Rush Medical College

Robert G. Hendrickson, MD, FACEP, FACMT, FAACT

Associate Professor of Emergency Medicine, Oregon Health and Science University School of Medicine, Director, Emergency Medicine Toxicology Fellowship, Oregon Poison Center

Tammi H. Schaeffer, DO, FAAEM, FACEP, FACMT

Medical Toxicologist, Rocky Mountain Poison and Drug Center, Assistant Clinical Professor, School of Medicine, University of Colorado Denver

Silas W. Smith, MD, FACEP

Assistant Professor, Department of Emergency Medicine, New York University School of Medicine, Associate Director, Fellowship in Medical Toxicology, New York City Poison Control Center



AAPCC Public Education Committee Track

September 29 - October 2, 2013

Description:

The **Public Education Committee (PEC) Track** at the **North American Congress of Clinical Toxicology** brings together public health educators from all over the United States and Canada. Attendees have diverse backgrounds and areas of expertise, including certified health educators, specialists in poison information, emergency medical services (EMS) professionals, and marketing professionals. The PEC track promotes presenter and participant interaction while offering opportunities to build lasting partnerships.

Attendees of this track will learn about evidenced-based strategies targeting specific audiences and best practices in public health education with a focus on poison safety programs. This track runs concurrently with the clinical toxicology education sessions of the Main Congress, **September 29-October 2**.

Audience:

Anyone interested in the latest research and trends in public education is welcome to attend including poison center educators, managing and medical directors, SPIs, health educators, injury prevention specialists, and other CHES-eligible participants.

Accreditation:

MD/RN/RPh/CHES/MCHES continuing education hours will be available for these sessions.



Highlights:

Communication Preparation During Disasters

An unprecedented number of disasters in the US in the past decade underscores the necessity of disaster preparedness as part of poison center operations. This session will address real-life disaster events affecting poison centers, how to develop a crisis communication plan, how to employ effective risk communication principles in a crisis and best practices in working with the media. Educators are hosting this session during the Main Congress of NACCT. Two subsequent PEC sessions expand upon this theme and focus on working with the media and how to effectively promote preparedness.

Recognizing Credible Research

Research provides an important base from which to create education and outreach plans, but where should you go to find evidence-based, credible research? Join the CDC's Public Health Library and Information Center Chief for a hands-on exploration of how to find and utilize credible research. Participants will receive a take-home resource list.

Identifying Dangerous Detoxification Therapies

Our do-it-yourself culture has spawned a DIY approach to medicine. If you want to know more about trendy detox methods like juicing, cleansing and chelation, come hear a veteran Poison Center medical director discuss what it all means for patients and poison center educators.

Suicide Prevention and Handling the Suicidal Caller

While poisonings are primarily thought of as "accidents" about 10% of exposure calls nationwide are related to suspected suicides. An expert from a leading advocacy organization will share strategies aimed at increasing awareness and prevention efforts, as well as advice on dealing with suicidal individuals. Appropriate and timely referral information for suicidal individuals will also be discussed.

Utilizing Emerging Technology to Help the Public

As communication evolves beyond traditional voice calls, what does that mean for an industry reliant almost completely on voice communication? Come find out more from a panel of poison center directors who are using alternative forms of technology to serve patients and healthcare providers. Participants will also preview results from an AAPCC member survey on technology.

Poisons in Pop Culture

Find a seat early! This popular session filled with great music and interesting trivia is presented game show style and relies on audience team participation to "name that toxin." If you know what "Purple Drank" is, or want to know, this session is for you. Come share and learn about famous or unusual poisonings as they are presented through headlines, photos, video or music clips—then get ready to compete!

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) 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.

This program was designed in accordance with the Accreditation Council for Pharmacy Education's Accreditation Standards for Continuing Pharmacy Education and the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education. Application has been accepted by the National Commission for Health Education Credentialing, Inc. (NCHEC).

Physician

The American Academy of Clinical Toxicology designates this educational activity for a maximum of 48.5 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 continuing education credit hours. Pharmacists should only claim credit commensurate with the extent of their participation in the activity. NACCT will be utilizing CPE Monitor for tracking and reporting of all ACPE-accredited continuing pharmacy education activities. Pharmacists must complete their e-profile at www.nabp.net in order to obtain and use their NABP e-Profile ID. Please remember that you will need to submit your NABP e-profile ID and birth date (MMDD format) to receive credit at this year's meeting.

Nursing

46 Continuing Education Contact Hours have been requested.

Health Educators

Sponsored by the American Academy of Clinical Toxicology, a designated provider of continuing education contact hours (CECH) in health education by the National Commission for Health Education Credentialing, Inc. This program is designated for Certified Health Education Specialists (CHES) and/or Master Certified Health Education Specialists (MCHES) to receive up to 18.5 total Category I contact education contact hours. Maximum advanced-level continuing education contact hours available are 18.5.

Requirements for Successful Completion

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

1. Submit with your registration the required Continuing Education Credit fee.
2. Complete evaluation forms for each session attended. Please list your suggestions for topics for future meetings.

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

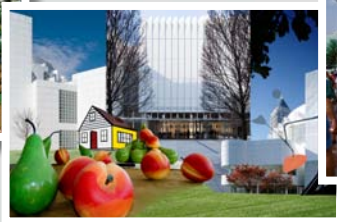
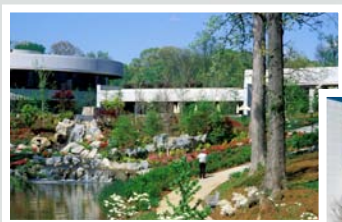
AACT reserves the right to adjust the maximum number of hours available as necessary pending change in the program schedule.

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.

Enjoy Some Southern Hospitality!

ATLANTA



Atlanta thrives in spirit, charm and hospitality and is full of recreational, sports and entertainment opportunities.

Visit **Underground Atlanta**, offering history, music, shops and a variety of restaurants. Wander through **Centennial Olympic Park** and appreciate the dramatic ring fountain, court of flags, and beautiful landscaping. Next to **Centennial Olympic Park**, experience the **Georgia Aquarium**, the world's largest, housing over 100,000 animals in fresh and salt water. You can enjoy a first-hand look at news-in-the-making, as you witness what it takes to produce live news coverage daily at **The CNN Center**. Shopping enthusiasts will appreciate a visit to spectacular **Lenox Square**, **Phipps Plaza**, and **Perimeter Mall**, easy to reach on Atlanta's convenient and efficient transit system, **MARTA**.

The recently renovated **Hyatt Regency Atlanta** is located in the heart of downtown Atlanta on the MARTA line and within walking distance of many of Atlanta's sites. The hotel features a full health center, an outdoor pool, a lively lobby bar and **Sway**, a restaurant that not only brings a Southern influenced dining experience, but one of the few American restaurants bringing the philosophy of "locally sourced" seasonal ingredients to Atlanta hotel dining. And you'll appreciate shopping and dining at the variety of venues in the adjoining **Peachtree Center**. Just a short distance from the hotel are **Centennial Olympic Park**, the **CNN Tower**, the **Georgia Aquarium** and **Underground Atlanta**. Staying at the **Hyatt Regency Atlanta** will add to your comfort and enjoyment of the southern hospitality of this beautiful city.

Wherever you choose to spend your time in this city steeped in history and cultural heritage, whether it is shopping, sight-seeing, fine dining or just relaxing, you are sure to enjoy every moment of your experience in Atlanta. To receive more information visit the website www.atlanta.net.



Registration Information

Registration Fees • NACCT Main Congress 2013 • September 29-October 2, 2013

	*EARLY BIRD until 8/15	ADVANCE 8/16-9/7	REGULAR 9/8-onsite
General Registration	\$850	\$975	\$1,095
AACT, AAPCC, ACMT CAPCC, EAPCCT Members**	\$600	\$680	\$820
SPIs, Poison Center Educators	\$400	\$455	\$615
Fellows-in-Training	\$400	\$455	\$615
Residents, Students	\$300	\$350	\$395
Active Duty Military Personnel***	\$400	\$455	\$615
Guest ****	\$50	\$50	\$50
CE Credit (MD, DO, Pharmacist, RN)	\$175	\$175	\$175

Registration Fees • Affiliated Programs

AACT Pre-Meeting Symposium September 27, 2013	
General Registration	\$300
AACT Members	\$215
ACMT Members	\$270
SPIs/Fellows-in-Training	\$215
Residents, Students	\$195
Continuing Education Credit	\$ 65

ACMT Pre-Meeting Symposium September 28, 2013	
General Registration	\$300
ACMT Members	\$215
AACT Members	\$270
SPIs/Fellows-in-Training	\$215
Residents, Students	\$195
Continuing Education Credit	\$ 65

* Early Bird registration must be postmarked on or before 8/15/2013.

** 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.

► To register

Online - Go to www.clintox.org.

Fax - (800) 329-9923, Purchase Order, **Visa, MasterCard or American Express** only.

Mail - NACCT Attn: Registrar, 6377 Clark Ave., Suite 200, Dublin, CA 94568. **Check payable to NACCT.**

Phone - Contemporary Forums Conference Management, (800) 377-7707, Monday-Friday, 8 am - 5 pm (Pacific Time)

► **Access numbers for international registrants:** Phone (925) 828-7100 • Fax (925) 828-2121

► Registration must include full payment in US Funds to be processed. A \$30 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 15, 2013** 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 call (800) 377-7707, no later than **September 13, 2013**.

Hotel Accommodations

- The conference will be held at the Hyatt Regency Atlanta, 265 Peachtree Street, NE, Atlanta, GA 30303. 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 25 – October 3, 2013 for those wishing to extend their stay to enjoy area activities or qualify for discount airfares.
- Rates: \$189 single/double
Rates are per room and subject to prevailing state and local taxes.
- To obtain the special group rates, make your reservation early and before the hotel room block release date which is September 4, 2013. 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, please visit our website at www.clintox.org for details.
- For room reservations, call (888) 421-1442 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 confirm reservations.
- For additional hotel information, call the Hyatt Regency Atlanta at (404) 577-1234.



Travel Information



Contemporary Forums has a special discount agreement with United Airlines unavailable to the general public. To obtain these special conference fares visit www.united.com, insert **Offer Code ZPCB367092**. 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 the ticket purchase.

Hertz® Arrangements have been made with Hertz to be the official car rental agency for the NACCT. 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 discount code **CV #03000260**.



ONLINE REGISTRATION AVAILABLE

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

NACCT 2013 Registration Form

Fax (800) 329-9923 or mail this form with full payment (U.S. Funds) to:
NACCT, Attn: Registrar, 6377 Clark Ave., Suite 200, Dublin, CA 94568
or call (800) 377-7707

NONPROFIT
U.S. POSTAGE PAID
Permit No. 295

MEMBERSHIP STATUS Please check all that apply
Registration fees based on Membership and Position/Job Function

- AACT AAPCC ACMT CAPCC EAPCCT
 EDUCATOR OTHER _____ NONE

- DEGREE**
- BS Pharm
 - DVM
 - MD
 - DO
 - PA
 - ARNP
 - PharmD
 - PhD
 - RN
 - Other: _____
- POSITION/FUNCTION**
- Medical Director
 - Managing Director
 - Medical Toxicologist
 - Clinical Toxicologist
 - Physician
 - Fellow/Resident
 - Student
 - SPI
 - Poison Center Educator
 - Educator
 - Other: _____

REGISTER ME FOR

- AACT Pre-Meeting Symposium** - Friday, September 27
 - Speaker
- ACMT Pre-Meeting Symposium** - Saturday, September 28
 - Speaker
- NACCT Main Congress** - September 29-October 2
- AACT Reception** - September 30
(AACT Members only)
- LLSA** - October 2 (12:00 pm - 3:00 pm)
- CHES Credit (Currently a Certified Health Education Specialist or Master Certified Health Education Specialist)
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 _____

*Attendee's email: For confirmation, receipt, access to presentation slides prior to conference, access to your Certificate of Attendance and Online CE Library. Please print clearly and provide your best email address as some emails are filtered and blocked.

Mailing Address _____

City _____ State _____ Zip _____

Daytime Phone _____

SPECIAL EVENT GUEST

Congress attendees planning to bring a guest(s) to the Opening Reception, September 29, must pay an event fee of \$50 and provide name of guest(s) for identification badge:

Please share with your colleagues

American Academy of Clinical Toxicology

6728 Old McLean Village Dr.
McLean, VA 22101

Code: PDF

PAYMENT SUMMARY #7613

Early Fee Postmark Deadline: August 15, 2013

Registration fees based on Membership and Position/Job Function

AACT Pre-Meeting Symposium (9/27) \$ _____

AACT CE Credit Fee \$65 \$ _____

ACMT Pre-Meeting Symposium (9/28) \$ _____

ACMT CE Credit Fee \$65 \$ _____

NACCT Main Congress (9/29-10/2) \$ _____

Main Congress CE Credit Fee \$175 \$ _____

Opening Reception Guest Fee (9/29)

\$50 per guest, # _____ of tickets \$ _____

TOTAL PAYMENT ENCLOSED \$ _____

- Check/Money Order Payable to **NACCT (U.S. Funds)**
- Visa MasterCard AMEX

Credit Card # _____

Exp. Date _____

Print Cardholder's Name _____

Billing Address _____

City _____ State _____ Zip _____

Payer Email Address _____

Payer Phone # _____

OFFICE USE ONLY: C D E