



AACTion News & Announcements

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American Academy of Clinical Toxicology

Message from the President: *Robert Hoffman, MD*

Things are Heating Up

New York City and much of the North East Coast just finished a week-long heat wave that has left most of us feeling a little run down. Temperatures were in the 90's°F at the height of the day, with heat indexes that reached over 100 and never dropped much during the evening hours. One day we felt so hot that we decided to start reporting temperatures on the Kelvin scale and took a little humor saying "it was over 400 today". When the local news proudly reported that only a single patient died as a result of the heat, I stopped for a moment to consider the increase in adverse drug events and morbidity associated with poisoning that might be related to the temperature.

Recalling that a friend recently published a paper discussing the relationship between ambient temperature and kidney stones, which postulated on the implications of global warming and rates of stone disease (see *Kidney Int.* 2011;79:1178-85), I immediately thought of an often quoted paper from New York that related cocaine fatalities to ambient temperature (see *JAMA.* 1998;279:1795-800). I usually don't reference these columns, but perhaps today will be an exception as some of you may want to read these. My mind



began to spin - what other drug and poisoning events might be related to global warming? Imagine if you would, rattlesnake envenomation in Alaska, black widow spider bites in Maine, and scorpions in Montana. Certainly as the climate warms, these typically warm-weathered terrestrial creatures will begin expand their ranges northward. Their extraterrestrial (meaning marine and not outer space) relatives would be equally impacted by warm-

ing oceans: Lionfish envenomation off the Jersey shore, ciguatera poisoning from local fish off the California coast and so on. Farm land will move and communities not accustomed to pesticide exposures will likely see increased rates of poisoning as the lag between exposure, education and mitigation is inevitable. Salt and water depletion (as might occur from heat stress) is commonly believed to be a predisposition for lithium toxicity (*Pharmacopsychiatry.* 1999;32:83-6)

although at least one paper suggested that lithium is concentrated in sweat (*Am J Psychiatry.* 1982;139:1593). After reading this last one, I have not changed my beliefs on this relationship. More likely, there will be countless patients with impaired cardiac output from antihypertensives, reduced intravascular volume from diuretics, and impaired sweating from anticholinergics who will suffer

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AACT*ion*

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PRESIDENT'S MESSAGE CONTINUED

heat-related illness never attributed to their medications. To reassure you that your President has not gone mad with heat stroke, a quick Medline search turned up a few interesting papers below.

As September rolls around and the weather begins to cool much of this will be forgotten for a few months. For those of us up North, and the rest of you reading this, I hope you will join me at the North American Congress of Clinical Toxicology in Atlanta (Hotlanta – now you see where I was going) where in addition to an exceptional scientific program and a little more warm weather you will have the opportunity to enjoy classic Southern Cuisine and outstanding music within just a few blocks of the conference hotel.

- El-Fadel M, Ghanimeh S, Maroun R, Alameddine I. Climate change and temperature rise: implications on food- and water-borne diseases. *Sci Total Environ.* 2012 Oct 15;437:15-21.
- El-Shehawy R, Gorokhova E, Fernández-Piñas F, del Campo FF. Global warming and hepatotoxin production by cyanobacteria: what can we learn from experiments? *Water Res.* 2012 Apr 1;46(5):1420-9.
- Singh BB, Sharma R, Gill JP, Aulakh RS, Banga HS. Climate change, zoonoses and India. *Rev Sci Tech.* 2011 Dec;30(3):779-88
- Oiso N, Fukai K, Ishii M, Ohgushi T, Kubota S. Jellyfish dermatitis caused by *Porpita pacifica*, a sign of global warming? *Contact Dermatitis.* 2005 Apr;52(4):232-3.

Clinical Toxicology's (CTX) Impact Factor

The new (2012) Impact Factor for CTX is 2.59, an increase from 2.22.

This reflects citations in 2012 for CTX articles published in 2010-2011.

The journal is ranked 38th out of 85 in the toxicology journal category based on this IF.

Do you have News to Share?

AACTion wants to know what you are up to. Please send your accomplishments or any updates to AACTion editor, Jeanna Marraffa at marraffj@upstate.edu.

Message from the Editor:

Jeanna Marraffa, PharmD

In just two months, NACCT 2013 will be upon us. The abstract review committee was hard at work this year and 316 abstracts will be presented in Atlanta, Georgia. Registration is now open and available at www.clintox.org, so register now for reduced rates. In this issue, get a glimpse of what to expect during the Pre-meeting symposia as well as the Main Congress. We are indebted to Dr. Frieden who will be presenting the Keynote Address. And for those sports enthusiasts, don't forget, the Atlanta Braves will be hosting the Philadelphia Phillies and the Atlanta Falcons are hosting the New England Patriots for Sunday Night Football, so get your tickets soon.

As you peruse through this issue, you will find the collaborative efforts that AACT continues to strengthen including a strong presence at both the EAPCCT and ICT.

Congratulations to Dr. Alex Manini on receiving the Young Investigator Award at the EAPCCT. Read more about Dr. Manini's research ventures in this issue.

AACT continues to expand educational initiatives for its members. The Occupational and Environmental Toxicology Special Interest Group of AACT held a successful webinar on 1-Bromopropane in the beginning of July. The AACT/ABAT journal club was held in mid-July with nearly 70 participants. Stay tuned for more of these events.

I hope this issue excites you for NACCT 2013. For those of you with abstracts accepted as either posters or platform presentations....get to work! Enjoy the rest of your summer and see you at NACCT.

AACT Contributes to Success of XIII International Congress of Toxicology

Members of the American Academy of Clinical Toxicology made important contributions to the success of the recent convening of the XIII International Congress of Toxicology (ICT), held in Seoul, South Korea, from June 30th to July 4th. This important meeting is sponsored by the International Union of Toxicology (IUTOX) once every five years. AACT President Robert Hoffman is a member of two of IUTOX's International Committees: the Scientific Program Committee and the Advisory Committee. AACT collaborated with two other toxicology societies (European Association of Poison Centers & Clinical Toxicologists (EAPCCT) and the Asia-Pacific Association of Medical Toxicologists (APAMT)) in organizing three of the 27 invited symposia presented over the four-day meeting: Translational Toxicology: Application of Basic Sciences to Clinical Practice (organizers: Bob Hoffman – AACT and Knut Hovda – EAPCCT), Heavy Metal Toxicology: Update and Childhood Poisoning (organizers: Alan Woolf – AACT and Paul Dargan – EAPCCT), and Toxicity of Herbs & Dietary Supplements: Global Efforts at Prevention (organizers: Alan Woolf – AACT and Chen-Chang Yang – APAMT). The meeting in Seoul attracted more than 1500 participants from over 57 different countries; over 300 posters of original scientific research abstracts were presented in addition to keynote lectures and symposia.



Photos of Seoul courtesy of Dr. Alan Woolf

Congratulations, Dr. Manini!

Alex Manini, MD won the Young Investigator Award at EAPCCT in Copenhagen Denmark for his research entitled, “Risk Factors for Cardiovascular Events in ED Patients with Drug Overdose”

Dr. Manini is Associate Professor of Emergency Medicine at the Icahn School of Medicine at Mount Sinai in New York City, a Fellow of the American College of Medical Toxicology, co-director of the medical toxicology division, and core faculty in the research division. He is an established investigator with a track record in clinical investigation related to drug overdose, substance use, and emergency medicine, with over 50 peer-reviewed publications in those fields. He has received numerous research awards, including Young Investigator of the Year from the Society of Academic Emergency Medicine (2011), as well as the Dr. Harold and Golden Lamport Research Award from Mount Sinai (2011). He is currently PI on a NIDA grant entitled “Predicting adverse cardiovascular events due to drug overdose emergencies” (DA026476) and a NCATS grant entitled “Adverse cardiovascular events in drug overdose emergencies” (NJGR5894). His completed research funding includes grants from the following agencies/institutions: National Center for Research Resources (PI, FQU04137), NIDA (CoI, DA027781), the City of New York (PI), and the Massachusetts General Hospital (PI).



Drs. Manini and Hoffman at EAPCCT

AACT Webinars

- “Occupational and Environmental Toxicology: What We Know and Don't Know About 1-Bromopropane” was arranged by the Occupational and Environmental Toxicology Special Interest Group of AACT and held on July 8, 2013. The webinar was hosted by David Vearrier, MD, Chair of the Occupational and Environmental Toxicology SIG and Medical Fellowship Director at Drexel University College of Medicine. 38 AACT members participated in the live webinar.

- The most recent AACT/ABAT Journal Club was held on July 24, 2013. In case you missed it, visit the website at www.clintox.org/webinar to view.

News from the EAPCCT Past and Future Congresses

Bruno Megarbane, Alison Good, EAPCCT Scientific and Meetings Committee

The XXXIII International EAPCCT congress took place from 28 to 31 May 2013 in Copenhagen, Denmark. This congress was clearly the best attended congress in EAPCCT's history (about 410 participants), mainly due to the participation of a large number of Danish delegates (44 persons). The US attendees represented as each year the largest delegation (about 64 delegates), followed by the UK (46 delegates), Denmark (44 delegates), Germany (34 delegates), France (23 delegates), and Australia (22 delegates). Based on the 103 feedback forms collected from participants, it seems that the scientific and social programs as well as the location facilities were highly appreciated. Pro/con debates, keynote and plenary talks were very popular.

This year, 287 abstracts were submitted to the EAPCCT congress. As each year, US were the champion for abstract submission with 57 abstracts, followed by UK (38), Germany (26), Italy (17), France (14), Taiwan (14), Denmark (11), and Morocco (11). All the submitted abstracts were reviewed by at least 8 reviewers, including several AACT members, whom I would like to thank warmly here. The rejection rate was about 9.4% this year, leading to 27 abstracts accepted as oral presentations and 227 abstracts accepted as posters. In total, there were 52 invited oral presentations, four pro/con debates, and 27 non-invited oral presentations as well as six lectures and three interactive case studies in the pre-congress. Despite a significant decrease in the number of submitted abstracts (287 versus 419 abstracts in the previous London congress), the number of participants in the Congress increased.

All of the congress oral presentations will be available this year on our website, not only as pdf documents but also as "flash conferences", with the slides and their corresponding explanations given by the speaker on the day of the congress. These flash conferences will be first made available to all the attendees and then after to all of the membership. We hope that this will give the opportunity to those who missed any presentation during the congress or who were unable to attend the congress this year to listen to the oral presentations as given in Copenhagen by the speakers. So please do not hesitate to visit our website www.eapcct.org

In Copenhagen, the Young Investigator's Award was won by Dr. Alex Manini (Mount Sinai School of Medicine, New York, USA) for his fantastic clinical study on the risk fac-

tors for cardiovascular events in emergency department patients with drug overdose. The Informa-sponsored award for the best scientific presentation was won by Dr. James W. Dear (NPIS Edinburgh, Royal Infirmary of Edinburgh, UK) for his excellent study on the mechanistic biomarkers that could provide early and sensitive detection of paracetamol-induced acute liver failure at first presentation to hospital. Finally, the Informa-sponsored award for the best case report was won by Dr. Julia Fisher (Monash University, Melbourne, Victoria, Australia) for her report on the use of methylene blue in the treatment of a case of refractory vasoplegic shock resulting from severe quetiapine poisoning. Congratulations to the three winners and their collaborators.

One success of EAPCCT congress in Copenhagen was the organization of simulation sessions. The EAPCCT scientific committee was convinced that simulation has become a major contribution to improving education in medicine and that clinical toxicology could no longer stay out of this field. With the great help of the Danish Institute for Medical Simulation directed by Dr. Doris Ostergaard, the direct involvement of all her team as well as of Peter Skanning, Régis Bédry, Raido Paasma, and Fridtjof Heyerdahl, the simulation sessions were described by all who attended as an extraordinary experience. At least 90 persons participated in these interactive sessions; all those whom we met afterwards were extremely enthusiastic and asked for a repeat of this experience in future congresses.

The next XXXIV EAPCCT meeting will take place 27-30 May, 2014 in Brussels, Belgium. As you know, this congress will be of special importance with the celebration of the 50th anniversary of our association. Special guests among current and former members who have contributed immensely to clinical toxicology are awaited, and there will be special social activities and a photographic exhibition. I would like to encourage all the AACT members to come to Brussels to attend our highly exciting meeting. The scientific program is expected to include:

Educational Pre-congress: Natural Toxins

Main congress symposiums:

- Where have we come from and where are we going?
- Main challenges for the future

continued on next page

Thomas R. Frieden, MD, MPH

Director, Centers for Disease Control and Prevention

Tom Frieden, M.D., M.P.H., who has been Director of the Centers for Disease Control and Prevention (CDC) since June 2009, has controlled both infectious and chronic diseases in this country and globally. From 1992-1996, he led New York City's program that controlled tuberculosis and reduced multidrug-resistant cases by 80 percent. Frieden then worked in India for five years helping build a tuberculosis control program that has saved nearly 3 million lives.



Keynote Symposium: The Prescription Opioid Abuse Epidemic

As Commissioner of the New York City Health Department (2002-2009), Frieden led programs that reduced illness and death and increased life expectancy substantially, including programs that reduced adult and teen smoking dramatically and eliminated artificial trans-fats from restaurants. The Department eliminated racial/ethnic disparities in colon cancer screening and began the country's larg-

est community-based electronic health records project.

As CDC Director, Frieden has intensified CDC's 24-7 work to save lives and protect people, including through more effective response to outbreaks and other health threats at the local, state, federal, and global levels. New programs have prevented infections from food and health care, helped Americans quit smoking, reduced childhood obesity, saved the lives of teens and others from car crashes, and extended life-saving treatment and disease prevention in more than 50 countries.

A graduate of the Columbia University's College of Physicians and Surgeons and School of Public Health, Frieden completed infectious diseases training at Yale University and CDC's Epidemic Intelligence Service. The recipient of numerous awards and honors, Frieden speaks Spanish and has published more than 200 scientific articles.

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- Consequences of social and physiological modifications on poisonings
- Poisonings in resource-limited areas
- New insights into mechanisms of toxicity
- Revisiting new drug challenges
- Chemical warfare agents
- Role of poison centres in the eyes of the European Commission (Round table)

The program will contain several pro/con debates on stimulating and controversial clinical toxicology topics. Several novelties will be introduced in the poster sessions, with a more modern platform, to increase interactions between the attendees.

Finally, as each year, the EAPCCT will actively contribute to the NACCT meeting in Atlanta, with one symposium dedicated to acetaminophen poisoning update, with the following three lectures:

- Radical changes in UK guidance for managing acetaminophen overdose- should the rest of the world follow? By Prof. Simon HL Thomas
- Implications for acetylcysteine dosing regimen following results of the UK SNAP trial. By Dr. Ruben Thanacoody
- Emergence of new biomarkers for acetaminophen poisoning. By Dr. James Dear

Hoping to meet you soon in Atlanta or next year in Brussels, we would like to wish you excellent summer holidays.

North American Congress of Clinical Toxicology 2013

North American Congress of Clinical Toxicology 2013 is quickly approaching. The planning committee has been hard at work to provide an exciting Congress.

The deadline for early registration is **August 15, 2013** so register now. For complete information about registering and hotel information, go to www.clintox.org. The Scientific Sessions and Accepted Abstracts are all available for viewing here as well.

The Abstract Review Committee was Hard at Work

In what is sure going to be a scientifically sound NACCT in Atlanta, the Abstract Review Committee and Reviewers had their work cut out for them this year. There were a total of 412 submissions; 316 accepted; 20 as platforms, 296 as posters (76% acceptance rate). All accepted abstracts are available for review now at Clintox.org.

There were 60 volunteer reviewers. If anyone is interested in being a reviewer next year, please contact the incoming chair of the abstract selection committee, Ziad Kazzi (zkazzi@emory.edu).

The Keynote Speaker will discuss the Current Prescription Opioid Abuse Epidemic

NACCT is looking forward to Dr. Frieden's Keynote Address on the Current Prescription Opioid Abuse Epidemic. Dr. Frieden has been the Director of the Centers for Disease Control since 2009. His full biography is within this issue of AACTion.

AACT Pre-Meeting Symposia

Adverse Drug Events- From Public Health to Molecular Mechanisms

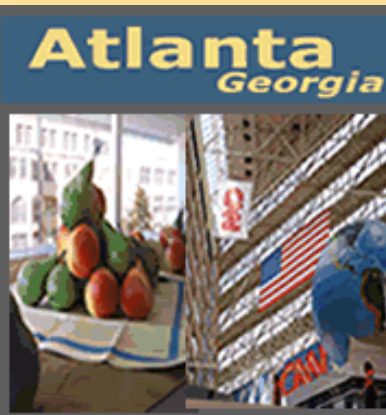
The National Institute of Medicine has recognized adverse drug events (ADEs) as a major source of morbidity,

mortality and medical costs, and 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 goals of this session are to provide toxicologists with the background required to increase the familiarity of toxicologists with this problem from regulatory, clinical and basic science perspective. To achieve these goals 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.

ACMT Pre-Meeting Symposia

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

This year for the ACMT Pre-Meeting Symposium we have reached out to talent both within and outside of our specialty with the goal of broadening our knowledge on analytical methods, real world crime labs, and trends in forensic and clinical investigation of crime scenes, as well as the prehospital management of delirium by law enforcement and its pathophysiologic consequences. In addition, the symposium will include discussion of the effects of drug-related illicit activities on special populations including the prison population and the drug-endangered child. 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.



NACCT 2013 Scientific Sessions

Continuing Education Sessions ([click here](#) for the full program)

Friday, September 27

Educational Sessions		ACPE Program Number	Credit Hours*		
			RPh	MD	RN
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

Saturday, September 28

Educational Sessions		ACPE Program Number	Credit Hours*		
			RPh	MD	RN
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

Educational Sessions		ACPE Program Number	Credit Hours*		
			RPh	MD	RN
7:30 am – 9:30 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 – 4:30 pm	Exhibits / Poster Session I / Authors with Posters 9:30-10:30				
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)	2.0	2.0	2.0
10:30 am – 12:00 pm	AACT Fellows-in-Training Research Symposium			1.5	
10:30 am – 11:30 pm	PEC: Dangerous Detox Therapies: Don't Try This at Home	0225-9999-13-205-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
4:15 pm – 5:15 pm	PEC: Swap & Share	0225-9999-13-209-L04-P (K)	1.0	1.0	1.0

Continuing Education Sessions, continued

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
5:15 pm – 6:15 pm	AACT Year in Toxicology Symposium	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

8:30 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				
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	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 – 2:30 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
1:00 pm – 2:00 pm	PEC: Recognizing Credible Research	0225-9999-13-220-L04-P (K)	1.0	1.0	1.0
3:30 pm – 4:30 pm	Platform Session II	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, Severe Acidosis	0225-9999-13-222-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
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
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

Continuing Education Sessions, continued

7:00 pm – 9:00 pm	AACT Reception/Induction of New Fellows & Career			
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Tuesday October 1, 2013

Educational Sessions	ACPE Program Number	Credit Hours*			
		RPh	MD	RN	
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: Toxicological Approaches to the Obese Patient	0225-9999-13-226-L04-P (K)	1.5	1.5	1.5
8:30 am – 10:00am	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 a Toxicologically Compromised Patient	0225-9999-13-230-L04-P (K)	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 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 Committee 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
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
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Continuing Education Sessions, continued

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?	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.

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

SPI = Specialist in Poison Information

SIG = Special Interest Group

WMD = Weapons of Mass Destruction

PEC = Public Education Committee

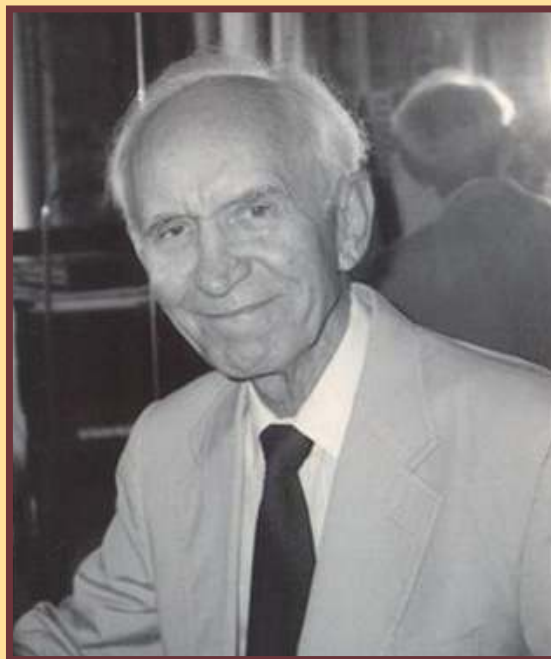
In Memoriam: Dr. Helmut M. Redetzki

Kenneth McMartin, PhD

A long-time influential member of AACT, Dr. Helmut M. Redetzki, died at age 91 on Monday, July 15, 2013 in Little Rock, Arkansas.

He was born in Lithuania, but grew up in Germany, earned his MD degree and specialty training in Internal Medicine at the University of Hamburg. He emigrated in 1956 to Galveston, TX, where he worked as a postdoctoral fellow at UT Medical Branch until 1959. At that point, he obtained U.S. citizenship and dedicated himself to a lifelong career in academic medicine. He held faculty appointments in the Departments of Pharmacology at the University of Texas Medical Branch, Galveston (1959-1960) and at the Louisiana State University (LSU) School of Medicine in New Orleans (1961-1967). At that point, he was called upon by the state of Louisiana to start the Department of Pharmacology & Therapeutics at the newly enfranchised LSU School of Medicine in Shreveport. He served 20 years as Head of the department at LSU School of Medicine in Shreveport, leading it into a department with a wide variety of toxicological expertise (clinical, forensic, analytical and mechanistic). One of his foremost accomplishments was to establish the Louisiana Regional Poison Center, which was physically located in the pharmacology department at the medical school. This proximity allowed for direct interactions between poison center personnel and researchers in the department, a unique arrangement that was a forerunner to the toxicology research practices at many poison centers today. This influence has been felt around the country as many Shreveport alumni have become established as leaders of other poison centers. He distinguished himself as physician, teacher, and researcher, contributing to advances in drug therapy and especially to new developments in medical toxicology. His research primarily focused on relating the metabolic effects of ethanol to its clinical effects – his work led to the development of the enzymatic alcohol assay that was used to measure blood alcohol long before advent of the breathalyzer.

He served on the executive boards of national medicine and scientific organizations including being president of AACT from 1984-86. His influence in clinical toxicology was further exemplified by his service as the Editor in Chief of Clinical Toxicology from 1981 – 1989, in fact he was only the second editor-in-chief. One of his interesting accomplishments for the journal was to convert it so that all manuscripts were submitted in camera ready form, which significantly reduced the time to print. Upon his retirement as Head of Pharmacology, the department created the Helmut M Redetzki award,



which is given annually to the medical student that most exemplifies his interest in clinical research in pharmacology and toxicology.

Helmut retired from an active toxicological career in 1991, when he and his wife moved to Little Rock, Arkansas. As the ultimate Renaissance man, there he devoted himself to intellectual pursuits in Art History, History, and Literature by enrolling as a student taking courses at the University of Arkansas at Little Rock. He is survived by his wife, Joyce E. Redetzki, MD and three nieces and nephews.

I have wonderful memories of Helmut during our interactions at LSU Medical Center in Shreveport - for starters he was instrumental in hiring me into my first (and only) faculty position in pharmacology and toxicology. I will always be grateful for his support, encouragement and mentorship throughout those years. He led by his own example a very active and congenial department including faculty, staff and students. My anecdote to pass along is that when he retired, he called me into his office and opened his bottom desk drawer and gave me a pint bottle of whiskey, saying that he no longer needed it and hoped that I would put it to good use. The back story of course is that Helmut used said bottle to conduct his ethanol research and that I also had been studying the effects of ethanol on folate metabolism in humans and rats. Ironically that bottle is still in my office. Think I will crack it open and salute a great person.



The American Academy of Clinical Toxicology

Uniting scientists and clinicians in the advancement of research, education, prevention and treatment of diseases caused by chemicals, drugs and other toxins.

AACT Lampe-Kunkel Award Research in Natural Product Toxicology



What is the L-K Award?

- This award is intended to support research into the toxic effects of biota such as botanicals and reptiles

How much money?

- Award is (maximum) \$3000
- A separate award of \$750 is given to present at the North American Congress of Clinical Toxicology

Who can apply?

- Members of AACT in good standing

Applications due:

November 1, 2013

What are the Award requirements?

- The entire study must be completed within two years of the award date
- Annual progress reports must be submitted to AACT
- A one-time only, no-cost extension may be granted

How do I apply?

- Apply on-line at www.clintox.org

More information?

- Email the AACT Executive Director, Sarah Shiffert: sarah@clintox.org
- Email the AACT Awards Committee Chair, Dr. Kenneth McMartin: kmcmr@lsuhsc.edu

