



## WINTER/SPRING 2013-14 NEWSLETTER



### President's Message:

This is the second and last year of my presidency and I am excited about the achievements and current endeavors that everyone has been busy working on over the past year. It was great to see everyone that was able to make it to the Atlanta meeting this past fall and those who were able to attend the ABAT business meeting. We had a full agenda followed by a great residents/fellows reception! The ABAT booth was in full swing again and I would like to thank all of our volunteers who took the time to speak with potential ABAT candidates during the poster sessions. We also had a great symposium, "Forensic Toxicology - Applied Quantitative and Qualitative Testing", presented by Rob Palmer, PhD, DABAT, FAACT; and Greg Davis, MD, MSPH.

A few general announcements:

\*The ABAT election will take place in May, so watch your in box for the ballot and please don't forget to vote!

\*All ABAT Diplomates who are up for certification renewal this year have been contacted; the deadline for submission of materials is July 1, 2014.

\*If you are interested in serving on a new committee to bring awareness to emergency medicine pharmacists regarding ABAT, please contact Bryan Hayes at [bhayes@umem.org](mailto:bhayes@umem.org).

### ABAT Examination:

We had 5 candidates sit for the ABAT exam this year. We had two candidates pass the exam; they are Patrick Aaronson and Stephanie Hon.

We would like you to meet our newest Diplomates.

**Patrick Aaronson:**



Patrick M. Aaronson Pharm.D., is a clinical specialist in Emergency Medicine at the University of Florida Health Jacksonville campus, and a clinical assistant professor of the University of Florida College of Pharmacy. After pharmacy school he completed his PGY-1 pharmacy residency at University of Florida Health, along with a clinical toxicology / emergency medicine fellowship with the Florida/USVI Poison Information Center - Jacksonville.

Patrick maintains an active practice site in the emergency department at UF Health where he precepts students / residents, and serves on the research committee. He also serves as a certified poison information specialist along with taking call for the Florida/USVI Poison Information Center.

His interest in clinical toxicology stems from his rotation experience at the Miami poison center during pharmacy school. Now that the ABAT exam is behind him (thanks to the support of the current Florida DABATs), he is looking forward spending more time exploring new hobbies, and restoring his older home.

**Stephanie Hon:**



Stephanie Lynn Hon is a Pittsburgh, PA native. She attended Duquesne University and graduated with a PharmD in May, 2006. After graduation, Stephanie was accepted into a pharmacy practice residency at The Brooklyn Hospital Center in Brooklyn, NY and served as a clinical pharmacy instructor to students at Long Island University from 2006 to 2007. After graduating from the PGY-1 in June 2007, Stephanie moved to Atlanta, GA to start a fellowship in clinical toxicology at the Georgia Poison Center under the guidance of Gaylord Lopez PharmD, DABAT. She worked on various projects involving poison center management, public health, and in-patient toxicological management. She became certified in Advance HAZMAT Life Support (AHLS), and continues to serve as a clinical instructor in AHLS throughout the state of Georgia. In her fellowship year, other accomplishments included the development of the Radiological Incident Management Protocol for the Georgia Poison Center/ Grady Health System, and served as an author of a paper highlighting the need

for poison center involvement during HAZMAT incidences. In 2008, Stephanie became the Assistant Director of the Georgia Poison Center, where she manages daily poison center operations, remains an active AHLS instructor, and continues to publish and present tox research locally and nationally as a clinical toxicologist. Stephanie loves to teach and serves as a preceptor and adjunct faculty to rotating pharmacy students of Mercer University, South University, PCOM, and Creighton University. She is also an assistant adjunct professor at Emory University, School of Nursing, teaching an introduction to clinical toxicology course to nurses within the emergency nurse practitioner program. Stephanie serves on various Georgia public health and emergency management committees including BioWatch, Safe Kids Worldwide, and the PROTECT initiative. Stephanie received her pharmacy licensure in 2007, and remains licensed in the state of New York. She is a current member of ASHP, AAPCC and AACT. Stephanie was the recipient of The United States Public Health Service Award, Excellence in Community Service in 2006. She currently resides in Atlanta, GA with her husband, Jeffrey, and her bully-mutt, Anna. Her hobbies include photography, playing the piano, avidly cheering for the Pittsburgh Steelers, and is not shy when it comes to singing karaoke.

**Last Year's Passing Diplomates received their certificates at the business meeting:**



**Alexander Garrard**

**Adam Wood**

**ABAT New Accomplishment Updates:**

- The Alabama Poison Center ceased operation at the end of September 2013. **John G Fisher III** is still employed by the State until the end of January. John is continuing his DABAT- Even though his next recertification will be at age **71yo!!!** ***Way to go John, you're an inspiration for us all.***
- **Judith Alsop** retired July 1, 2013 and is loving "civilian" life. ***Congratulations Judith.***
- **Tom Kearney** has been appointed **Associate Dean of Academic Affairs for the UCSF School of Pharmacy**. He will maintain a part-time appointment and service to **the San Francisco Division of the California Poison Control System.** ***Congratulations Tom!***
- **Kevin Rynn** was awarded a **\$50,000 grant** over 3 years from the **National Association of Chain Drug Stores (NACDS) Foundation** to support the development of a community pharmacy residency position. ***Congratulations Kevin!***

**ABAT Publications (October 2013-February 2014):**

Other ABAT's may be listed on the publication but the person who reported the publication gets the credit. Greatly appreciate those who responded to the request for information –otherwise I'd have nothing to report!

**Lee Cantrell:**

- Schneir AB, Rentmeester LL, [Clark RF](#), **Cantrell FL**. Toxicity Following Laundry Detergent Pod Ingestion. *Pediatr Emerg Care*. 2013 Jun;29(6):741-2
- **Cantrell FL**, Suchard JR, Gerona RR. Response to "Comment Regarding Stability of Active Ingredients in Long-Expired Prescription Medications". *JAMA Intern Med*. 2013 Jun 10;173(11):1034-5.
- Thornton SL, Liu J, Soleymani K, Romasco RL, Farid H, Clark RF, **Cantrell FL**. Review of a state-wide poison control center's experience with pediatric exposures to oral antineoplastic drugs in the non-medical setting. *Am J Ther*. 2013 Jul 23. [Epub ahead of print]
- Darracq MA, [Clark RF](#), Vilke GF, Jacoby I, Demers G, **Cantrell FL**. Disaster preparedness of poison control centers in the United States. *J Med Toxicol*. 2013 Jul 12. [Epub ahead of print]
- **Cantrell FL**. Adverse Effects of E-Cigarette Exposures. *J Community Health*. 2013 Dec 15. [Epub ahead of print]

**Bryan Hayes:**

- **Hayes BD**, et al. Drug-induced hyperthermic syndromes: part 1. Hyperthermia in overdose. *Emerg Med Clin North Am*. 2013;31(4):1019-33.

**Henry Spiller:**

- Farmer RW, Malhotra PS, Mays MP, Egger ME, Smith JW, Jortani SA, **Spiller HA**, Bosse GM, Callen JP, Franklin GA. Necrotizing Peripheral Vasculitis/Vasculopathy Following the Use of Cocaine Laced with Levamisole. *J Burn Care Res* 2012;33:e6-ell
- Sheikh A, Chang A, Kieszak S, Law R, Bennett HKW, Ernst E, Bond GR, **Spiller HA**, Schurz-Rogers H, Chu A, Bronstein A, Schier JG. Characterizing risk factors for pediatric lamp oil product exposures. *Clin Toxicol* 2013;51:871-878
- **Spiller HA**, James KJ, Scholzen S [Borys DJ](#), A descriptive study of adverse events from clenbuterol misuse and abuse for weight loss and body building. *Substance Abuse* 2013;34:306-312 DOI: 10.1080/08897077.2013.772083
- **Spiller HA**, Beuhler MC, Ryan ML, Borys DJ, [Aleguas A](#), Bosse GM. Evaluation of changes in poisoning in young children: 2000 to 2010. *Peds Emerg Care* 2013;29:635-640. doi: 10.1097/PEC.0b013e31828e9d00
- **Spiller HA**, Spyker DA, Casavant MJ. Comparison of US population and live birth rates with poison exposures reported to the National Poison Data System (NPDS): children ages 0-5 years from 2000 to 2012 *Clin Toxicol* 2013;51:151-155 DOI:10.3109/15563650.2013.773007
- **Spiller HA**, Hayes H, [Aleguas A](#). Overdose of Drugs for Attention-Deficit Hyperactivity Disorder: Clinical Presentation, Mechanisms of Toxicity and Management *CNS Drugs* 2013;27:531-543 DOI 10.1007/s40263-013-0084-8
- Beuhler MC, **Spiller HA**, [Aleguas A](#). Demographics and Outcome of Unintentional Insulin Overdoses Managed by three Poison Centers. *Clin Toxicol* 2013;51:789-793
- Warrick BJ, Hill M, Hekman K, Mallet R, Goetz R, Casavant M, Wahl M, [Mowry J](#), **Spiller HA**, Anderson D, [Aleguas A](#), Gummin D, Thomas R, Nezek C, [Smolinske S](#). A Nine State Analysis of Designer Stimulant, "Bath Salt", Hospital Visits Reported to Poison Control Centers. *Ann Emerg Med* 2013;62(3):244-251. DOI:10.1016/j.annemergmed.2012.12.017

**Thomas Kearney:**

- **Kearney TE**, Brasiel JA, Olson KR. Predictors of Death and Prolonged Renal Insufficiency in Ethylene Glycol Poisoning. *Lung DD, J Intensive Care Med*. 2013 Dec 26. [Epub ahead of print]PMID:24371252[PubMed - as supplied by publisher]

- Abri SA, **Kearney T**. Baking soda misuse as a home remedy: case experience of the California Poison Control System. J Clin Pharm Ther. 2013 Dec 8. doi: 10.1111/jcpt.12113. [Epub ahead of print] PMID:24313600[PubMed - as supplied by publisher]
- **Kearney TE**, Lieu D, Singer N, Tsutaoka B, Ho R, Olson K. Investigating the reliability of substance toxicity information found on the internet in pediatric poisonings. Pediatr Emerg Care. 2013 Dec;29(12):1249-54. doi: 10.1097/PEC.0000000000000022. PMID:24257590[PubMed - in process]
- Wu AH, **Kearney T**. Lack of impairment due to confirmed codeine use prior to a motor vehicle accident: role of pharmacogenomics. J Forensic Leg Med. 2013 Nov;20(8):1024-7. doi: 10.1016/j.jflm.2013.09.019. Epub 2013 Oct 2. PMID:24237812[PubMed - in process]

#### Keith McCain:

- Seely KA, Patton AL, Moran CL, Womack ML, Prather PL, Fantegrossi WE, Radominska-Pandya A, Channell KB, Smith N, **McCain KR**, James LP, Moran JH. Forensic investigation of K2, Spice, and "bath salt" commercial preparations: A three-year study of new designer drug products containing synthetic cannabinoid, stimulant, and hallucinogenic compounds. Forensic Sci Int. 2013 Dec 10; 233(1-3):416-22
- Fantegrossi WE, **McCain KR**, Moran JH, Hoffman RS. Not Simply Synthetic THC. J Pediatr. 2013 Dec; 163(6):1797-8.
- Patton AL, Chimalkonda KC, Moran CL, **McCain KR**, Radominska-Pandya A, James LP, Kokes C, Moran JH. K2 Toxicity: Fatal case of psychiatric complications following AM2201 exposure. J Forensic Sci. 2013 Nov;58(6):1676-80.
- Patton AL, Seely KA, Chimalakonda KC, Tran JP, Trass M, Miranda A, Fantegrossi WE, Kennedy PD, Radominska-Pandya A, **McCain KR**, James LP, Endres GW, Moran JH. Targeted Metabolomic Approach for Assessing Human Synthetic Cannabinoid Exposure and Pharmacology. Anal Chem. 2013 Oct1;85(19):9390-9.

Can you believe we have said goodbye to 2013 and are well into 2014?? If you are having trouble remembering the Fall NACCT meeting in Atlanta, it was a screaming good time.





**NACCT 2013: A little fun in the sun in Atlanta.**



**Along with a lot of hard work!**



**Your ABAT Leadership: A lively discussion at the ABAT Business Meeting.**





**Although she was not able to attend the meeting this year, Judith Alsop was recognized for her time on the ABAT Board.**



**A special Thanks to Rob Palmer for his many years of work and dedication to ABAT.**

#### **ABAT Committees Update:**

##### **Education Task Force:**

The ABAT Education Task Force is now chaired by Bryan Hayes and will oversee the following subcommittees

- **ABAT Education Module Subcommittee: Adam Wood**

The ABAT Education Modules are well underway and making great progress. Currently 24 of the 31 modules are done or under review. Our first module expected to be released is opioids. We do still have modules available and are looking for help both in creating modules and reviewing them. If you are interested in becoming involved, please contact either Adam Wood or Bryan Hayes. Module development is chaired by *Adam Wood*, Module Review is chaired by *Mary Ann Howland* and IT is chaired by *Christian Lintner*.

- **LifeLong Learning Subcommittee:**

The LLL subcommittee is chaired by Jeanne Marraffa. The committee has already seen great accomplishments. Michelle Kanter is going to be in charge of overseeing the Webinars. We are currently looking for presenters for the Spring and Summer ABAT webinars. If you are interested, please

contact Michele Kanter at [mkanter@cookcountyhhs.org](mailto:mkanter@cookcountyhhs.org). The recorded journal club webinar is available for viewing at [www.clintox.org](http://www.clintox.org) and enduring continuing education credit is available. Pharmacists can earn up to a maximum of 1.0 continuing education credit hours from this program. Physicians can earn up to a maximum of one (1) AMA PRA Category 1 Credit. Sharon Ternullo is going to take over the CE aspect of the Journal clubs. Any questions on CE, please don't hesitate to contact her at [ternullo@findlay.edu](mailto:ternullo@findlay.edu)

- ABAT Study Guide Subcommittee:

Ilene Anderson is chairing the study guide committee. The committee has amazing enthusiasm and energy and is progressing rapidly in its endeavors. The committee is working hard updating reading recommendations and putting together a guide for those considering taking the ABAT exam. The study guide has been submitted for review to the board and is currently under consideration. After review by the board, the study guide will be sent out to the ABAT Diplomates for further comments.

- Annual Toxicology Residents/Fellows Reception:

The Annual Toxicology Residents/Fellows Reception was held in Atlanta Georgia. As usual we had a great turn out and way too much food. The ABAT Residents/Fellows Reception allows for residents and fellows to meet ABATs and converse with them about their careers, research and opportunities in the field of toxicology. Next year's reception will be held in New Orleans and is sure not to disappoint. So I hope you will join us!

- Scientific Affairs Committee:

Mark Winter and the committee are working hard with Keith McCain and Howell Foster to create yet another scintillating ABAT Symposium. The anticipated speaker for the ABAT symposium this year is Dr. Bill Gurley. Dr. Gurley is a nationally recognized expert on herbal products. Dr. Gurley sits on the USP Expert Committee on Dietary Supplements and the Advisory Board of the American Botanical Council and is known to be a very engaging speaker. We look forward to his lecture.

- Nominations Committee:

Has collected all information required for candidates running for the Board of Directors and for President-Elect. Stay tuned for the ballot!

- Certification Renewal Committee:

Just a reminder, if you are up for certification renewal this year, you should contact Dawn Sollee (if you have not already received notification). If anyone is interested in joining the certification renewal committee, please don't hesitate to contact Dawn at [sollee@poison.ufl.edu](mailto:sollee@poison.ufl.edu). DABATs undergoing their first certification renewal can obtain a copy of the application (for an example of the type of information required for certification renewal documentation) by contacting Dawn Sollee.





A Special Thank you to Howard for providing the pictures in this newsletter!

It would be very dry and boring without his much appreciated assistance.

#### Summary:

2014 is going to be a great year! We need your help and involvement to keep ABAT going strong, so get involved. We look forward to seeing you at the upcoming NACCT meeting in New Orleans this fall.

