



## WELCOME TO THE 2016 SPRING ABAT NEWSLETTER

- WITH ALL YOUR LATEST NEWS

### President's Note:



Hello and welcome to your Spring ABAT newsletter. For me the big word is “Spring” as Minnesota has now gotten rid of all its snow (hopefully) and I can put away snowmobile suit. This newsletter focus’s on our newest ABAT members. I hope you enjoy reading about them as much as I did. Our newest ABAT members come from all different backgrounds, are extremely intelligent and hard working. Besides that they live very active lives with family and hobbies. Somehow they have seemed to have attained a “life” somewhere amongst all their hard work and studying. (Something I still hope to attain one day!) The members are truly impressive and I hope you will give them a warm welcome to ABAT and encourage them to become involved, as we could definitely use their help in all the projects the ABAT board has going on. Currently ABAT board is hard at work writing the exams for our next hopeful future ABAT’s, trying to increase the word to CSPI’s, PhD’s, nurses and clinical pharmacists about a future opportunities with ABAT and continuing to provide educational resources (LLSA and educational modules) for our members. If you have been involved in one of the ABAT committees I’d like to say thank you for all your hard work. If you haven’t, please let one of our board members know if you are interested in helping as we are always in need of your help.

Quarterly you are asked to send in your accomplishments, publications and new jobs you have taken. I am excited to toot my own horn here and let you know what I have been up to personally to contribute not only to ABAT but to toxicology:

I have been mentioning our research for a while and how excited I am about it. Our last project was a randomized, blinded, controlled study looking at High Dose Insulin versus Pressors versus High Dose Insulin plus Pressors in Beta Blocker overdose. We (myself and my past medical tox fellow Dr. Kate Katzung) presented this research at the ACMT mid-year meeting. The ACMT Research Committee and the 2016 Annual Scientific Meeting organizers selected “Randomized Controlled Study Comparing High Dose Insulin (HDI) to Vasopressors or Combination Therapy in Refractory Toxin-Induced Cardiogenic Shock (TICS)” as the 2016 ASM Best Platform Presentation Award. ACMT will recognize this achievement at the 2017 ASM to be held in San Juan, Puerto Rico. Look for the paper coming soon to a Journal near you.

I am also happy to say my new upcoming toxicology medical fellow (Ben Willenbring) along with myself just received notice that we won the AACT Junior Investigator Award Grant for our upcoming study and I am extremely proud to say that we (myself and a pharmacy student) also won a scholarship for this grant to have her “paid” to do research this summer on this study. This study will focus on both the neurological and cardiovascular toxicity of bupropion. But what I am most proud of is the grant support for both a medical toxicology fellow and a pharmacy student to work together in toxicology. Stay posted for the results....and Keep pushing the research!

## New ABAT Members:



### ***Justin Lewis***

I was born and raised in Modesto, CA in 1980. My dad is an auto mechanic and my mom is a nurse.

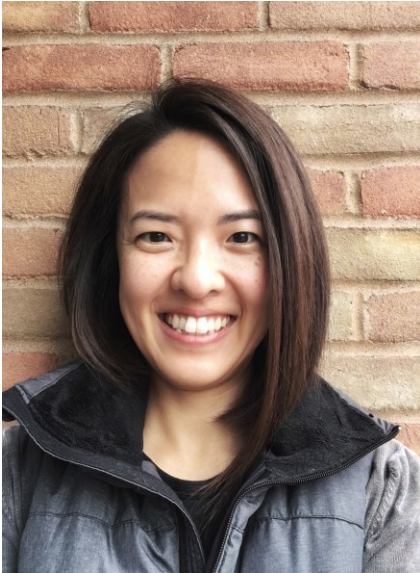
I earned a BS in Biochemistry from California State University, Fullerton and almost entered a doctoral program in organic chemistry but decided to choose pharmacy instead. However, the 4 years of organic lab practice I experienced at CSU Fullerton is what ultimately drove me towards toxicology and Poison Control. I was not only interested in methods of synthesis and natural product chemistry, but became quite familiar with the various methods and theories employed for separation and identification of compounds based on their chemical properties. Fullerton is where I was also introduced to research.

I was accepted to UCSF School of Pharmacy in 2005 and relocated to San Francisco. My strong chemistry background allowed me to become highly involved in teaching the pharmacy class under me. I really enjoyed learning, teaching, and helping others. I was fortunate to have taken an elective in toxicology during the 2nd year of my PharmD program which introduced me to Poison Control and made me aware that I could spend a whole clinical rotation at the Poison Center in San Francisco. My final APPE before graduation was at the SF Poison Center which I absolutely loved.

My first day as a SPI was 4/1/2010 at the California Poison Control System – Sacramento Division under Judy Alsop. I never imagined that work could be so much fun! It was truly “A new adventure every day” as Judy would say.

I immersed myself into toxicology and took advantage of any opportunity presented to me along the way. Now I get to precept pharmacy students, medicine students, Family Medicine Residents, Emergency Medicine Residents, and Pharmacy Practice Residents. I get to train new SPIs, be a part of the Medical Toxicology Fellowship Program and conduct research. I provide community and professional outreach and probably a bunch more....

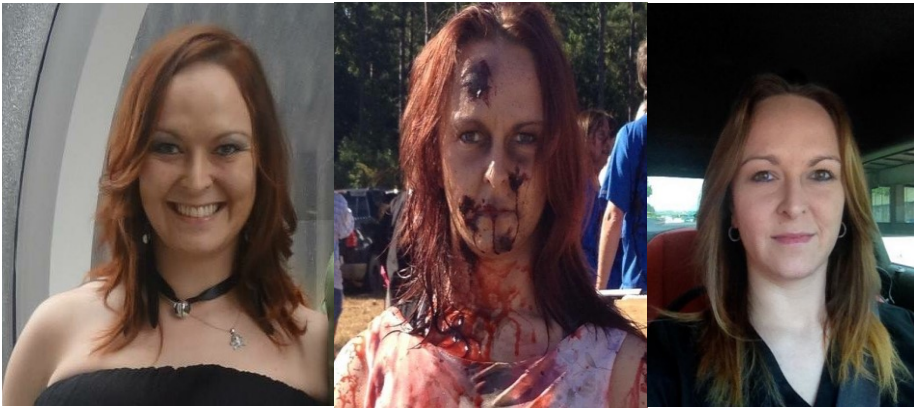
I am lucky to have my beautiful wife of 10 years (Rosa) and a healthy 6 year old boy David. I enjoy reading, snowboarding (when there is snow), and working on my VWs. I have had probably 20 different VWs and am currently restoring a 1955 Sunroof Beetle and a 1958 Karmann Ghia Convertible. David will definitely be learning to drive a manual transmission.



### ***Samantha Lee***

I grew up in the frozen tundra of Minnesota and was a Golden Gopher throughout college and pharmacy school. I graduated from the University of Minnesota College of Pharmacy in 2009 and completed my PGY1 pharmacy residency at Hennepin County Medical Center in Minneapolis. During my residency I did a rotation through the Minnesota Poison Control System (MPCS) and discovered the exciting world of toxicology. This led me to pursue the Clinical Toxicology Fellowship at the Maryland Poison Center and University of Maryland School of Pharmacy. I loved eating Maryland blue crabs, but home was in Minnesota so I moved back to the Land of the 10,000 Lakes following the completion of the fellowship. Back in Minnesota I started working at Prosar as a medication information specialist and also at St Joseph's Hospital in St Paul as an inpatient/ED pharmacist. In early 2013 a position opened up at the MPCS, and I've been here since as a CSPI. In addition to answering the phones at the poison center, I am also a preceptor for pharmacy residents and students, and involved with various responsibilities including QA projects, fatality reports, and providing a Poison Hour lecture to emergency medicine residents.

Outside of the poison center I keep myself very busy! I enjoy staying active with weightlifting and rock climbing; in the summer I like to do triathlons, and in the winter I love snowboarding. I'm an avid foodie and I contribute biweekly to @bestfoodtwincities on Instagram. I'm a big animal lover and love my pets – a rescued black lab mix named Miles, and two fat cats named Tuna and Wasabi.



**Sara Miller** *Before, during, and after the ABAT exam*

Sara was born and raised on a farm in rural Oklahoma. She received her Doctorate of Pharmacy from Southwestern Oklahoma State University College of Pharmacy in Weatherford, OK. There she learned of toxicology through a semester-long course, and her professor assisted with the search for career opportunities for pharmacists in the field of toxicology. Upon graduation, she moved to Atlanta, Georgia, to embark on a two-year fellowship with the Georgia Poison Center and Grady Health System. During that time she received an American Society of Health-Systems Pharmacy PGY-1 Pharmacy Practice Residency certificate and completed her Clinical Toxicology Fellowship under the watchful eyes of Drs. Lopez and Hon.

After blazing the trail for the two-year fellowship at the Georgia Poison Center and working many, MANY moonlight shifts in the Grady Emergency Care Center, she secured a position as one of the Emergency Medicine Clinical Pharmacists in Grady's ECC. Now that Sara is no longer studying for the ABAT Certification exam, she has time to enjoy her hobbies: in addition to reading and gaming, she enjoys craft breweries, short walks to the tattoo parlor, discussing the luxuries of excessive horsepower, and collecting hazardous materials and objects for her ever-growing toxicology collection.



***Amber Johnson***

I attended both Dixie State College and Southern Utah University as an undergraduate. I entered Dixie State College an art major, but then switched my major to biology upon applying to Southern Utah University. At both schools I played collegiate soccer.

After I received my bachelor's degree from Southern Utah University, I began a job at ARUP laboratories in Salt Lake City, Utah. There I worked as a technologist in chemistry in the mass spectrometry and clinical toxicology lab sections. I was involved in sample extraction and data analysis for the following: drugs of abuse (screens and confirmations), immunosuppressants, catecholamines, cortisol, and methylmalonic acid. I really enjoyed the work I was doing in the lab, but I also found myself very interested in the drugs we were testing so I went back to school in 2009 when I was accepted into the Doctor of Pharmacy program at the University of Utah.

I had a lot of great pharmacy experiences during pharmacy school, but my favorite was my fourth year rotation at the Utah Poison Control Center. I enjoyed it so much so that I did a two year toxicology fellowship there upon graduation. Currently I have a split position with the Utah Poison Control Center as the staff and training development coordinator and specialist in poison information. I am also an adjunct instructor with the University of Utah College of Pharmacy. I like finding new ways to teach toxicology and finding ways to get students excited about toxicology.

When not at the poison center, I like spending time with my family and my son, Mason. We enjoy traveling to new places and finding new fun things to do. We currently play once a week in my brother's community gamelan group. I also love animals and enjoy spending time with my two Labradors, Penny and Maya. I also play indoor soccer once a week, I like to ski when I get a chance, and I'm trying to find time to draw more.

# Want to be a Fellow of AACT?

AMERICAN ACADEMY OF CLINICAL TOXICOLOGY, INC.

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Tel: 703 556 9222 Fax: 703 556 8729

WEBSITE: [www.clintox.org](http://www.clintox.org)

Dear Colleagues:

We are writing to ask for your help in identifying new candidates for election to Fellowship in the American Academy of Clinical Toxicology. This is one of the highest honors we can bestow on a member to recognize his or her contributions to the Academy. I would ask each of you to consider our colleagues who have served the Academy as well as our profession of clinical toxicology in significant ways to help our organization achieve its goals. Please contact them yourselves on behalf of the Academy to encourage them to apply if they meet the Academy's qualifications for fellowship. Details can be found on our [website \(www.clintox.org\)](http://www.clintox.org).

THE DEADLINE FOR FELLOWSHIP APPLICATIONS THIS YEAR IS June 1, 2016.

*Christine M. Stork, PharmD, DABAT, FAACT*

Associate Professor; Emergency Medicine, Medicine and Pharmacology

Upstate Medical University

Clinical Director, Upstate New York Poison Center

# Managing Director

## Michigan Regional Poison Center Children's Hospital of Michigan

The Michigan Regional Poison Control Center at Children's Hospital of Michigan is looking for qualified candidates for the position of Managing Director. This person will be responsible for all aspects of the regional PCC operations including development and monitoring of grant funding, business relationships, personnel management and close interaction with the Michigan Department of Community Health. The Managing Director has a strong clinical role with the Toxicology service and is an integral part of the PCC educational mission.

### Minimum qualifications:

- ◆ Doctor of Pharmacy with residency or fellowship preferred or equivalent combination of education and clinical pharmacy experience. Licensure required
- ◆ Qualifications for faculty appointment at Wayne State University School of Medicine
- ◆ Board eligible or board certified with the American Board of Applied Toxicology

### Additional details:

- ◆ Strong knowledge of toxicology, management, administrative and organizational and communications skills
- ◆ Interest in teaching with established teaching skills
- ◆ Will work closely with Medical Director on clinical guidelines, quality assurance, and staff education
- ◆ Responsible for overall operational PCC performance and benchmarking
- ◆ Requires strategic management skills to identify stakeholders, develop programs, and allocate resources to achieve these projects
- ◆ Leadership skills including demonstrated willingness to pursue roles with increasing levels of accountability, comfort with decision-making responsibilities, coaching, teaching and counseling skills and the ability to inspire and build confidence in others
- ◆ Ability to interact closely with state and federal entities
- ◆ Sufficient computer skills for a paperless center and to facilitate grant writing and publications
- ◆ Ability to coordinate support services including data and telecommunications systems
- ◆ Familiarity with Toxicall and NPDS and online databases
- ◆ Comfortable working with the media

The position will include an academic appointment in the School of Medicine

For more information, please contact:

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