

ARI B. FILIP
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EDUCATION AND TRAINING

Washington University in St. Louis / Barnes Jewish Consortium, St. Louis, MO - Clinical Fellowship in Medical Toxicology	07/2020-06/2022
University of Arkansas for Medical Sciences, Little Rock, AR - Residency in Emergency Medicine, Level 1 Adult and Pediatric Trauma Centers	06/2016-06/2019
M.D., University of Pittsburgh School of Medicine, Pittsburgh, PA - USMLE Step 1 / Step 2 CS / Step 2 CK / Step 3: Pass	08/2012-05/2016
B.A., Pomona College, Claremont, CA - B.A. in Chemistry, <i>Cum Laude</i>	08/2008-05/2012

WORK EXPERIENCE

University of Arkansas for Medical Sciences College of Pharmacy, Little Rock, AR <i>Medical Director, Arkansas Poison and Drug Information Center, (Arkansas Poison Control Center)</i> - Provide medical direction and guidance for poison control center serving Arkansas's 3,000,000+ residents - Provide 24-hour medical backup call >75% of days per month <i>Assistant Professor, College of Pharmacy</i> - Provide didactic and experiential teaching to College of Pharmacy students and residents	7/2022-Present
University of Arkansas for Medical Sciences College of Medicine, Little Rock, AR <i>Clinical Assistant Professor</i> - Established Medical Toxicology consult service with full inpatient credentials as of 12/2022. - As-needed employment as Emergency Department physician at Level 1 trauma center with annual census of 60,000.	9/2019-Present
Arkansas Children's Hospital, Little Rock, AR <i>Pharmacology/ Toxicology Attending Physician</i> - Privileged as consulting and admitting physician for Pharmacology/Toxicology service	10/2022-Present
United States Army Reserve Medical Corps <i>Major</i> - Support USAR mission to provide medical care to US soldiers and families.	7/2018-Present
CHI St. Vincent Hospital, Hot Springs, AR <i>Emergency Department Physician</i> - Secondary employment as Emergency Department physician at Level 2 trauma center with annual census of 47,000	3/2023-Present 11/2018-6/2019
Washington University in St. Louis / Barnes Jewish Consortium, St. Louis, MO <i>Clinical Instructor, Emergency Department Attending Physician</i> - Employed as Emergency Department Attending Physician - Central sites included: Barnes Jewish Hospital, St. Louis Children's Hospital, BJC West County Hospital	7/2020-6/2022
Mercy Hospital South, St. Louis, MO <i>Emergency Department Physician</i> - Emergency Department physician at Level 2 trauma center with annual census of 69,000 - Part-time status 7/2020 to 6/2022	7/2019-6/2022

PROFESSIONAL ACTIVITIES

UAMS Pharmacy and Therapeutics Committee <i>Full Voting Committee Member</i> - Meet regularly to discuss hospital-wide issues relating to pharmacy and therapeutics policy and the hospital formulary	11/2022-Present
Arkansas Drug Death Work Group <i>Participant</i> - Collaborate with State Medical Examiner and/or designated representatives to review drug-related fatalities in the state of Arkansas.	10/2022-Present

UAMS ED Snakebite Work Group <i>Participant</i>	7/2022-Present
<ul style="list-style-type: none"> - Collaborate with stakeholders from Trauma Surgery and ED Observation Unit to improve care of snake envenomation patients - Revised most recent iteration of snake envenomation protocol 9/2022 	
UAMS Office of Interprofessional Education <i>Interprofessional Education (IPE) Facilitator</i>	8/2022-Present
<ul style="list-style-type: none"> - Assist with conducting IPE sessions as an institutionally certified IPE facilitator 	
Clinical Toxicology <i>Reviewer</i>	8/2022-Present
<ul style="list-style-type: none"> - Provide feedback and summative evaluation on articles submitted to <i>Clinical Toxicology</i> 	
Toxicology Communications <i>Reviewer</i>	8/2020-Present
<ul style="list-style-type: none"> - Provide feedback and summative evaluation on articles submitted to <i>Toxicology Communications</i> 	
Barnes Jewish Hospital Pharmacy and Therapeutics Medication Use Subcommittee <i>Emergency Medicine Representative</i>	7/2020-6/2022
<ul style="list-style-type: none"> - Assisted with development of high-dose insulin protocol - Meet regularly with other physicians and staff to discuss hospital-wide medication safety issues 	
Mercy Hospital South Pharmacy and Therapeutics Committee <i>Emergency Medicine Representative</i>	8/2019-6/2020
<ul style="list-style-type: none"> - Meet regularly with other physicians and staff to discuss hospital-wide Pharmacy and Therapeutics policy 	

Additional Professional Activities: Mercy Hospital South Critical Care Committee (invited member, 8/2019-6/2020), UAMS Residency Council (co-chair 7/2018-6/2019), UAMS Hospital Medical Board (*ex-officio* member, 7/2018-6/2019), UAMS GME Executive Committee (*ex-officio* member, 7/2018-6/2019), UAMS Vision 2029 Strategic Plan (invited participant, 10/2018), UAMS Emergency Medicine Educational Committee (Social Committee Chair, 7/2018-6/2019), UAMS College of Medicine Office of Admissions (interviewer, 9/2017-1/2018)

PUBLICATIONS, INVITED TALKS, AND MEDIA

Peer-Reviewed Journal Articles

1. Mullins ME, Nguyen KR, **Filip AB**, Liss DB, Baumgartner KT. Comments on "Comparing cost of F(ab')₂AV vs FabAV in the treatment of copperhead envenomation". *Am J Emerg Med*. 2023 Dec 18:S0735-6757(23)00698-8. doi: 10.1016/j.ajem.2023.12.019. Epub ahead of print. PMID: 38143157.
2. **Filip AB**, Farnsworth CW, Mullins ME, Crews BO, Kraut JA. Accuracy of a Glycerol Dehydrogenase Assay for Ethylene Glycol Detection. *J Med Toxicol*. 2023 Sep 11. doi: 10.1007/s13181-023-00967-x. Epub ahead of print. PMID: 37695470.
3. Price JR, Hagrass H, **Filip AB**, McGill MR. LDH and the MELD-LDH in Severe Acute Liver Injury and Acute Liver Failure: Preliminary Confirmation of a Novel Prognostic Score for Risk Stratification. *J Appl Lab Med*. 2023 Feb 10;jfac137. doi: 10.1093/jalm/jfac137. PMID: 36759930.
4. **Filip AB**, Mullins ME. Fomepizole should be used more liberally in paracetamol overdose. *Br J Clin Pharmacol*. 2022 Dec 5. PMID: 36471569
5. Stephens RJ, **Filip AB**, Baumgartner KT, Schwarz ES, Liss DB. Benzonatate Overdose Presenting as Cardiac Arrest with Rapidly Narrowing QRS Interval. *J Med Toxicol*. 2022 Jul 5. doi: 10.1007/s13181-022-00904-4. Epub ahead of print. PMID: 35790679.
6. **Filip AB**, Berg SE, Mullins ME, Schwarz ES; Toxicology Investigators Consortium (ToxIC). Fomepizole as an adjunctive therapy for acetaminophen poisoning: cases reported to the toxicology investigators consortium (ToxIC) database 2015-2020. *Clin Toxicol (Phila)*. 2022 May 5:1-6. Epub ahead of print. PMID: 35510880.
7. Baumgartner K, **Filip A**, Liss D, Devgun J, Schwarz E, Mullins M. N-acetylcysteine for acetaminophen toxicity: The one-bag regimen. *Br J Clin Pharmacol*. 2021 May;87(5):2399-2400. Epub 2020 Nov 15. PMID: 33190332.
8. **Filip AB**, Thrush CR, Atkinson T, Podrazik P, Eastin T, Jaffar M, Clardy JA. One-Year Changes in Intern Physicians' Quality Improvement and Patient Safety Knowledge, Awareness, Engagement, and Interest. *Am J Med Qual*. 2019 Sep/Oct;34(5):517-518. Epub 2019 Feb 13. PMID: 30758219.
9. André S, Washington SK, Darby E, Vega MM, **Filip AB**, Ash NS, Muzikar KA, Piesse C, Foulon T, O'Leary DJ, Ladram A. Structure-Activity Relationship-based Optimization of Small Temporin-SHf Analogs with Potent Antibacterial Activity. *ACS Chem Biol*. 2015 Oct 16;10(10):2257-66. Epub 2015 Jul 30. PMID: 26181487.

Abstracts

1. Siebenmorgen M, Brill J, Painter JT, Williams AJ, **Filip A**, Dayer LE. Effect of methadone and buprenorphine for the treatment of opioid use disorder on leaving against medical advice in the inpatient setting. American Society for Health-System Pharmacists (ASHP) National Meeting. Anaheim, CA. December 3-7, 2023.
2. **Filip AB**, Meadors KE, Liebelt EL, Foster HR. "T90X: Starting a Medical Toxicology Consult Service in 90 Days." ACMT Annual Scientific Meeting, March 31- April 2, 2023.
3. **Filip AB**, Farnsworth CW, Mullins ME. "Accuracy of a Glycerol Dehydrogenase Assay for Ethylene Glycol Screening." NACCT Annual Meeting, San Francisco, CA September 14-18 2022.
4. Ian Ferguson, **Ari B Filip**, Michael E Mullins, David B Liss. "Human Toxicity from an Injectable Formulation of Cattle and Swine Ivermectin." ACMT Annual Scientific Meeting, virtual, March 11-13, 2022.

5. Robert J Stephens, **Ari B Filip**, Kevin T Baumgartner, Evan S Schwarz, David B Liss. “Cardiac Arrest Following Benzonatate Overdose with a Rapidly Narrowing QRS Interval.” ACMT Annual Scientific Meeting, virtual, March 11-13, 2022.
6. Michael Semple, **Ari Filip**, Evan Schwarz, David Liss, Michael Mullins, Kevin Baumgartner, Jason Devgun, Arrianna Thompson. “Mercury Poisoning Associated with Immune-Mediated Encephalitis.” ACMT Annual Scientific Meeting, virtual, March 11-13, 2022.
7. Odom CM, **Filip AB**, Tominack RL, Dribben W, Weber JA. “Fatal Massive Acetaminophen Overdose with Serum Level of 1,477 mcg/mL.” NACCT Annual Meeting, virtual, October 16-18 2021.
8. Michael Levine, Sameer Pathan, Dazhe Cao, **Ari Filip**, Neta Cohen, Evan Schwarz, Yaron Finkelstein, Caroline Thomas and Stephen Thomas. “Caustic ingestions: does the reason for ingestion matter?” NACCT Annual Meeting, virtual, October 16-18 2021.
9. Michael Levine, Caroline Thomas, Evan Schwarz, Neta Cohen, Dazhe Cao, Sameer Pathan, **Ari Filip**, Yaron Finkelstein and Stephen Thomas. “Caustic ingestions: acidic vs. basic ingestions.” NACCT Annual Meeting, virtual, October 16-18 2021.
10. **Filip AB**, Berg SE, Mullins ME, Schwarz ES, On Behalf of the ToxIC Investigators Consortium (ToxIC) : “Fomepizole As An Adjunctive Therapy For Acetaminophen Poisoning: Cases Reported To The Toxicology Investigators Consortium (ToxIC) Database 2015-2020.” ACMT Annual Scientific Meeting April 14-16, 2021.
11. **Filip AB**, Thrush CR, Atkinson T, Podrazik P, Eastin T, Jaffar M, Clardy JA. One-year changes in intern physicians’ QI/PS knowledge, awareness, engagement and interest. ACMQ Annual Meeting, Washington, D.C., March 29-April 1, 2017

Book Chapters

1. **Filip, A.** Barbiturate (phenobarbital) poisoning. In: UpToDate, Liebelt EL and Ganetsky M (Eds), Wolters Kluwer.
2. Horst J, **Filip A**, Kennedy RM. Poisonings. In: White A, ed., *Washington Manual of Pediatrics*. 3rd ed. Wolters Kluwer Medical; 2022:53-70.

Non Peer-Reviewed Publications

1. **Filip A.** Preventing Carbon Monoxide Poisoning. *City and Town Magazine: The Official Publication of the Arkansas Municipal League*. January 1, 2023; Vol. 79 (1): Pg. 54.
2. **Filip A**, Dunn SE. Producing Food [Letter to the Editor]. *The Economist*. July 25, 2022.

Lectures / Presentations

- 2023 Invited Lecture, UAMS Department of Internal Medicine: Antihypertensive Overdose
 2023 Invited Lecture, UAMS Department of Internal Medicine: Toxicology Diagnostics
 2023 Invited Lectures, UAMS Department of Anesthesiology: Toxicology Diagnostics
 2023 Invited Lecture, UAMS Department of Internal Medicine: Antihypertensive Overdose
 2023 Invited Lecture, Southwest Center for Pediatric Environmental Health: “Pesticides: the Good, the Bad, and the Weird”
 2023 Invited Lecture, Arkansas Children’s Hospital Pediatric Emergency Medicine Fellowship: “Cellular Asphyxiants”
 2023 Invited Journal Club Facilitator, UAMS Division of Nephrology: Toxic Alcohol Diagnostics and Management
 2022 Presentation to Hospital Medical Board: “Medical Toxicology: Model for a New Hospital Service”
 2022 Invited Lecture, UAMS Department of Psychiatry: “Safe Disposition of the Poisoned Patient”
 2022 North American Congress of Clinical Toxicology Platform: “Accuracy of a Glycerol Dehydrogenase Assay for Ethylene Glycol Screening”
 2022 Invited Lecture, UAMS Division of Critical Care Medicine: “Antihypertensive Overdose: Advanced Principles”
 2022 ACMT National Case Conference: Superwarfarin Poisoning
 2022 ACMT National Journal Club: Naltrexone as a Substitution for Naloxone Infusion
 2022 Invited Seminar, UAMS College of Pharmacy: “They Put Drugs in my Drugs? A Recent History of Street Drug Adulterants”
 2021 ACMT Annual Scientific Meeting, Moderated Poster Session: “Fomepizole As An Adjunctive Therapy For Acetaminophen Poisoning: Cases Reported To The Toxicology Investigators Consortium (ToxIC) Database 2015-2020.”
 2021 Invited Lecture, WUSTL Internal Medicine Noon Conference: “Toxicology Diagnostics”
 2021 ACMT National Case Conference: Massive Propranolol Overdose
 2021 Invited Lecture, WUSTL Pediatric Emergency Medicine: “Over-the-Counter and Lethal: Acetaminophen and Salicylates”
 2021 Invited Lecture, SIU Springfield and UICOM Peoria Emergency Medicine Joint Lecture: “Rodenticides”
 2020 Invited Lecture, UAMS Emergency Medicine: “Antihypertensive Overdose: Advanced Principles”
 2020 Invited Lecture, UAMS Emergency Medicine: “Respiratory Poisons: CN⁻, CO, H₂S”
 2020 Invited Lecture, UAMS Emergency Medicine: “Seafood Toxicodromes”
 2019 Invited Lecture, UAMS Emergency Medicine: “A tale of 3 STEMI’s”

Television / Radio Appearances

- “Halloween Safety Advice from Arkansas Poison Center.” *KARK Noon Broadcast*. KARK (TV). October 30, 2023.
<https://www.kark.com/news/local-news/halloween-safety-advice-from-arkansas-poison-center/>
 “Halloween Safety with the Arkansas Poison Control Center.” *Good Afternoon Arkansas*. KATV (TV). October 26, 2023.
<https://katv.com/news/local/halloween-safety-with-the-arkansas-poison-control-center>
 “Snakes in Arkansas, experts shared what to do if you are bitten.” *Channel 7 Daybreak News*. KATV (TV). August 17, 2023.
<https://katv.com/news/local/snakes-in-arkansas-experts-shared-what-to-do-if-you-are-bitten-hobbs-state-park-ari-filip-medical-director-of-the-arkansas-poison-center-rattlesnakes-copperhead-venomous-hospital-cottonmouth-bite-dizziness-shortness-breath-ambu>
 “Arkansas lawmakers introduce bill that aims to ban some Hemp products.” *THV11 News at 5*. THV11 (TV). March 6, 2023.
<https://www.thv11.com/article/news/local/arkansas-bill-ban-hemp-products/91-2f0a1379-e6d7-4fe1-9162-c7544d250c60>
 “Poison control reports increase in self-harm overdoses among children” *KNWA News at 5*. KNWA (TV). February 27, 2023.
<https://www.nwahomepage.com/news/poison-control-reports-increase-in-self-harm-overdoses-among-children/>
 “Arkansas governor supports bill to hold 'killer drug dealers' accountable.” *Channel 7 News at 6PM*. KATV (TV). February 17, 2023.
<https://katv.com/news/local/arkansas-governor-supports-bill-to-hold-killer-drug-dealers-accountable-thomas-fisher-drug-czar-housebill-283-charged-with-murder-fentanyl-overdose-drugs-help-addiction-achi-hospital>

“Arkansas Poison Control Center seeing rise in intentional pediatric and teenage overdoses.” *Good Afternoon Arkansas*. KATV (TV). January 31, 2023. <https://katv.com/news/local/arkansas-poison-control-seeing-rise-in-intentional-pediatric-and-teenage-overdoses-accidental-ingestion-children-drugs-the-edibles-social-media-tik-tok-benadryl-free-service>

“Arkansas children becoming more exposed to cannabis.” *THV11 News at 6*. KTHV (TV). January 26, 2023.

<https://www.thv11.com/article/news/health/arkansas-children-more-exposed-to-cannabis/91-a5e2f4b1-b378-4c93-810f-b05eace87acd>

“Experts weigh in on carbon monoxide poisoning protection during subfreezing temperatures in Arkansas.” *KARK 4 News at 5*. KARK (TV). December 22, 2022. <https://www.kark.com/news/local-news/experts-weigh-in-on-carbon-monoxide-poisoning-protection-during-subfreezing-temperatures-in-arkansas/>

“Arkansas Poison Control Seeing Rise in Teen and Pediatric Overdoses.” *Ozarks at Large*. KUAF (radio). February 22, 2023.

<https://www.kuaf.com/show/ozarks-at-large/2023-02-22/arkansas-poison-control-seeing-rise-in-teen-and-pediatric-overdoses>.

AWARDS AND DISTINCTIONS

North American Congress of Clinical Toxicology Taylor & Francis Best Abstract Award (2022)

Medical Toxicology Foundation Fellows in Industry Rotation selected participant (2022)

Top score (tied), Medical Toxicology In-Training Exam (2021)

Marvin Leibovich Outstanding Emergency Medicine Resident Award (2019)

Rhonda M. Dick Emergency Medicine Resident of the Year Award for Arkansas Children’s Hospital (2019)

UAMS Emergency Medicine Resident Research Award (2019)

American College of Medical Quality National Quality Scholar (2017)

Second place poster, Attending Division, ACMQ National Meeting (2017)

University of Pittsburgh Dean’s Summer Research grant recipient (2013)

Corwin Hansch Summer Research Fellowship, inaugural recipient (summer 2011)

Pomona College Scholar (5 semesters, 2018-2012)

MEMBERSHIPS AND CERTIFICATIONS

Memberships:

American College of Medical Toxicology

American Academy of Clinical Toxicology

Certifications:

American Board of Emergency Medicine (ABEM), ABEM Medical Toxicology sub-board, DEA-X waiver

Licensure:

Arkansas State Medical Board (2018- present)

Missouri Board of Registration for the Healing Arts (2019-present)

HOBBIES AND INTERESTS

Academic Interests: toxicology, healthcare policy, critical care, quality improvement / patient safety

Hobbies: running, trivia, fantasy football