



Ann Arens, MD, FAACT

Please share your current and past involvement in AACT, AACT-related activities and/or ABAT.

I have been honored to be a member of AACT for over a decade, including being awarded a fellow of AACT in 2024.

I served as the NACCT Scientific Content Chair from 2021-2024.

I have also been a member of the education committee since 2023, and am currently the education committee co-chair.

AACT BRIDGES special interest group, Member

AACT Antidote Collective, Member

Board of Trustee Liaison, Communications Committee

Please note any previous leadership and/or board experience(s) in other associations and/or institutions.

AACT Board of Trustee Member from 2021-2024

AACT Executive Board, Secretary: 2024-current

Board of Trustee member of the Louisiana Chapter of the American College of Emergency Physicians.

Medical Director, Division of Medical Toxicology, Ochsner Medical Center: 2022-current

Associate Medical Director, Minnesota Regional Poison Control Center: 2020-2024

Please share your vision and goals as a member of the Board of Trustees.

If elected to the position of Secretary, I will prioritize transparent and consistent communication from the Board of Trustees to our membership, ensuring that all members are kept informed, engaged, and empowered to participate actively in the organization. I am committed to expanding meaningful opportunities for involvement across our membership, fostering a culture of inclusion and mentorship that strengthens the future of our field.

Additionally, I believe AACT has a unique opportunity to broaden its scientific and educational impact by actively pursuing external funding. I will advocate for efforts to secure external research grants that support member-driven investigations and reinforce our leadership in the field of clinical toxicology. Furthermore, I aim to help position AACT as a central resource for toxicology education including the AACT membership and for the broader healthcare and public health communities. By pursuing education grants and expanding access to our high-quality educational materials, we can amplify our reach and fulfill our mission of advancing toxicology knowledge and practice.

Ann Arens, MD, FAACT
Core Faculty, Emergency Medicine. Medical Toxicology
Ochsner Medical Center, New Orleans, LA
Senior Lecturer, University of Queensland Ochsner Clinical School
Ann.Arens@ochsner.org
Jun 5, 2025

To the esteemed members of the American Association of Clinical Toxicology,

I am writing to formally declare my candidacy for the position of Secretary of the American Association of Clinical Toxicology (AACT). As a member of AACT for over 10 years, and a longstanding commitment to the mission of AACT, I am eager to contribute my skills and dedication to this important leadership position.

I have been actively involved in various aspects of toxicology including research, education, clinical practice, and development of position statements. My involvement with AACT has included serving as the NACCT Scientific Content Chair from 2021-2024, a Board of Trustee member from 2021-2024, and on the Executive Committee, as Secretary of AACT since 2024. I am also fortunate to serve as the current Education Committee Co-chair.

If elected to the position of Secretary, I will prioritize transparent and consistent communication from the Board of Trustees to our membership, ensuring that all members are kept informed, engaged, and empowered to participate actively in the organization. I am committed to expanding meaningful opportunities for involvement across our membership, fostering a culture of inclusion and mentorship that strengthens the future of our field.

Additionally, I believe AACT has a unique opportunity to broaden its scientific and educational impact by actively pursuing external funding. I will advocate for efforts to secure external research grants that support member-driven investigations and reinforce our leadership in the field of clinical toxicology. Furthermore, I aim to help position AACT as a central resource for toxicology education including the AACT membership and for the broader healthcare and public health communities. By pursuing education grants and expanding access to our high-quality educational materials, we can amplify our reach and fulfill our mission of advancing toxicology knowledge and practice.

I am enthusiastic about the opportunity to serve AACT in this capacity and to contribute to its continued success and growth. I believe that my experience and dedication align well with the responsibilities of the Secretary role.

Sincerely,

Ann Arens, MD, FAACT

A handwritten signature in black ink, appearing to be 'Ann Arens', written in a cursive style.

CURRICULUM VITAE

Ann M. Arens, MD, FAACT

Academic/Hospital Address:

Ochsner Medical Center
Department of Emergency Medicine
1514 Jefferson Hwy
New Orleans, LA 70121

Email: ann.arens@ochsner.org

Telephone: Office: 504-703-1227
Cell: (612) 309-0181

ORCHID ID: 0000-0001-7018-9708

Education:

TERTIARY:

Bachelor of Science, Psychology May, 2005
University of Wisconsin
Madison, Wisconsin, USA

POSTGRADUATE:

Doctor of Medicine May, 2009
University of Minnesota Medical School, Twin Cities
Minneapolis, Minnesota, USA

CLINICAL TRAINING:

Residency, Emergency Medicine June, 2013
Denver Health Residency in Emergency Medicine
Denver Health Medical Center
Denver, Colorado, USA

Medical Toxicology Fellowship June, 2016
University of California - San Francisco
San Francisco, California, USA

Present appointments:

ACADEMIC:

Senior Lecturer, Department of Emergency Medicine January 2023-Present
University of Queensland Ochsner Clinical School
Brisbane, Australia

CLINICAL:

Core Faculty June 2022-Present
Department of Emergency Medicine

Ochsner Medical Center-Main Campus
Ochsner Health System
New Orleans, LA, USA

Medical Toxicology Faculty
Ochsner Medical Center-Main Campus
Ochsner Health System
New Orleans, LA, USA

April 2023-Present

ADMINISTRATIVE:
Medical Director, Division of Medical Toxicology
Ochsner Medical Center-Main Campus
Ochsner Health System
New Orleans, Louisiana, USA

April 2023-Present

Previous Appointments:

ACADEMIC:

Associate Professor of Emergency Medicine
Department of Emergency Medicine
University of Minnesota Medical School
Minneapolis, Minnesota, USA

May 2022

Assistant Professor of Emergency Medicine
Department of Emergency Medicine
University of Minnesota Medical School
Minneapolis, Minnesota, USA

July 2016-May 2022

Clinical Instructor of Emergency Medicine
Department of Emergency Medicine
University of California-San Francisco
San Francisco, California, USA

July 2013- July 2016

CLINICAL APPOINTMENTS:

Faculty Physician
Department of Emergency Medicine
Hennepin County Medical Center
Hennepin Healthcare
Minneapolis, Minnesota, USA

July 2016-May 2022

Attending Physician
Department of Emergency Medicine
Eden Medical Center
Castro Valley, California, USA

March 2015-June 2016

Attending Physician
Department of Emergency Medicine

July 2013- July 2014

Zuckerberg San Francisco General Hospital
San Francisco, California, USA

Attending Physician
Department of Emergency Medicine
St. Rose Hospital
CEP America Affiliated Location
Hayward, California, USA

July 2013-July 2015

ADMINISTRATIVE:
Associate Medical Director
Minnesota Regional Poison Center
Minneapolis, Minnesota, USA

January 2020-January 2024

Licensure:

SPECIALTY CERTIFICATION:
American Board of Preventive Medicine
Addiction Medicine, Certified

January 2025-Present

American Board of Emergency Medicine
Medical Toxicology, Certified

December 2016-Present

American Board of Emergency Medicine
Emergency Medicine, Certified

May 2014-Present

LICENSURE:

State of Louisiana Licensure Medicine, USA
State of Minnesota Licensure Medicine, USA
DEA Registration
State of California Licensure Medicine, USA
State of Colorado Licensure Medicine, USA

2022-Present
2016-Present
2012-Present
2013-2016
2012-2015

Prizes / Awards / Invited-Named Lectures:

Attending of the Year,
Ochsner Medical Center, Department of Emergency Medicine
New Orleans, Louisiana, USA

2024

American College of Medical Toxicology Top Contributor of 2020

2021

Best Faculty Discussant Case,
North American Congress of Clinical Toxicology (NACCT)

2018

Essential Core Teaching Award Nomination,
University of California – San Francisco School of Medicine
San Francisco, California, USA

2015

Best Senior Resident of the Year Award Emergency Department, Denver Health Medical Center Denver, Colorado, USA	2013
Award for Excellence in Pediatric Emergency Medicine, Children's Hospital Colorado Faculty Denver, Colorado, USA	2012
Best Resident of the Year Award Emergency Department, University of Colorado Hospital Denver, Colorado, USA	2013
Gold Humanism Honor Society University of Minnesota Medical School Minneapolis, Minnesota, USA	2008

PUBLICATIONS

ORCID ID: 0000-0001-7018-9708

H Index: 13 (as of March 13, 2025)

Published Manuscripts

Peer-Reviewed Publications

1. **Arens AM**, Sheikh Said H, Driver BE, Cole JB. Physostigmine Reversal of Delirium from Second Generation Antipsychotic Exposure: A Retrospective Cohort Study from a Regional Poison Center. Clin Toxicol. 2024;62(7):463-467.
Study design, data collection and analysis, manuscript preparation and editing.
Number of times cited¹: 0
Emergency medicine resident: Hamdi Sheikh Said, MD
2. Olives TD, Sweat CN, Dorsey-Spitz L, Bahadori-Esfahani F, **Arens AM**, Cole JB, Somani A. Extracorporeal Membrane Oxygenation: Rescue Therapy in Pediatric Bupropion Cardiotoxicity. J Pediatr Intensive Care. 2024;ePublication.
Manuscript preparation and editing
Number of times cited¹: 0
3. Lavonas EJ, Akpunonu PD, **Arens AM**, Babu KM, Cao D, Hoffman RS, Hoyte CO, Mazer-Amirshahi ME, Stolbach A, St-Onge M, Thompson TM, Wang GS, Hoover AV, Drennan IR. 2023 American Heart Association Focused Update on the Management of Patients With Cardiac Arrest or Life-Threatening Toxicity Due to Poisoning: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Circulation. 2023;148e149-e184.
Article selection and review, manuscript preparation and editing
Number of times cited¹: 67
4. Cole JB, **Arens AM**. Cardiotoxic Medication Poisoning. Emergency Medicine Clinics on Toxicology Emergencies. Emerg Med Clin North Am.2022;40(2):395-416.
Manuscript preparation and editing
Number of times cited¹: 9
5. **Arens AM**, Birmingham M, McHale E, Siegel-Richman Y, Driver BE. The utility of laboratory testing for suspected hyperthyroidism in the emergency department. Am J Emerg Med. 2022;54:76-80.
Study design, data analysis, manuscript preparation and editing
Number of times cited¹: 2
Emergency medicine residents: Elisabeth McHale, MD, Yoni Siegel-Richman, MD
Medical student: Matthew Birmingham

¹via Google Scholar as of March 13, 2025

6. Cole JB, Olives TD, Ulici A, Litell JM, Bangh SA, **Arens AM**, Puskarich MA, Prekker ME. Extracorporeal Membrane Oxygenation for Poisonings Reported to U.S. Poison Centers from 2000 to 2018: An Analysis of the National Poison Data System. Crit Care Med. 2020;48(8):1111-1119.
Manuscript editing
Number of times cited¹: 26
7. Monte AA, Hopkinson A, Saben J, Shelton SK, Thornton S, Schneir A, Pomerleau A, Hendrickson RG, **Arens AM**, Cole JB, Chenoweth J, Martin S, Adams A, Banister SD, Gerona RR. The Psychoactive Surveillance Consortium and Analysis Network (PSCAN): The first year. Addiction. 2020;115(2):270-278.
Data acquisition, manuscript editing
Number of times cited¹: 14
8. **Arens AM**, Kearney T. Correction to: Adverse Effects of Physostigmine. J Med Toxicol. 2019;15(4):310.
Manuscript preparation and editing
Not included in H Index
9. Perez-Lauterbach D, Nahum R, Ahmad H, Topeff JM, Dossick D, Cole JB, **Arens AM**. Dose-Dependent Pulmonary Injury Following Nitrogen Dioxide Inhalation From Kinepak™ Detonation. Journal of Emergency Medicine. 2019;57(2):177-180.
Data acquisition, manuscript preparation and editing
Number of times cited¹: 6
Emergency medicine residents: David Perez-Lauterbach, MD (presenter); Rebecca Nahum, MD; Deborah Dossick, MD
Internal medicine resident: Hamna Ahmed, MD
10. Ho JD, Cole JB, Klein LR, Olives TD, Driver BE, Moore JC, Nystrom PC, **Arens AM**, Simpson NS, Hick JL, Chavez RA, Lynch WL, Miner JR. The Hennepin Ketamine Study Investigators' Reply. Prehospital Disaster Medicine. 2019;34(2):111-113.
Manuscript editing
Number of times cited¹: 3

¹via Google Scholar as of March 13, 2025

11. McCabe DJ, Bangh SA, **Arens AM**, Cole JB. Phenibut Exposures and Clinical Effects Reported to a Regional Poison Center. American Journal of Emergency Medicine. 2019;37(11):2066-2071.
Manuscript preparation and editing.
Number of times cited¹: 38
Fellow: Daniel McCabe, MD
12. **Arens AM**, Kearney T. Adverse Effects of Physostigmine. J Med Toxicol. 2019;15(3):184-191.
Guarantor of integrity of entire study, developed study concept and design, conducted literature research, manuscript preparation and editing.
Number of times cited¹: 70
13. van Wijk XMR, Yun C, Hooshfar S, **Arens AM**, Lung D, Wu AHB, Lynch KL. A Liquid-Chromatography High-Resolution Mass Spectrometry Method for Non-FDA Approved Benzodiazepines. Journal of Analytical Toxicology. 2018;43(4):316-320.
Manuscript editing.
Number of times cited¹: 22
14. **Arens AM**, Olives TD, Simpson NS, Laes, JR, Anderson DL, Bangh SA, Lee SC, Martin S, Banister SD, Gerona RR, Cole JB. An Outbreak of Synthetic Cannabinoid Exposures Reported to a Regional Poison Center: “K2” Identified as 5F-ADB. Clin Toxicol. 2018;57(1):69-71.
Guarantor of integrity of entire study, developed study concept and design, data acquisition, literature research, manuscript preparation and editing.
Number of times cited¹: 13
15. Cole JB, Orozco BS, **Arens AM**. Physostigmine Reversal of Dysarthria and Delirium After Iatrogenic Atropine Overdose From a Dental Procedure. Journal of Emergency Medicine. 2018;54(6):e113-e115.
Literature research, manuscript preparation and editing.
Number of times cited¹: 7
16. Cole JB, **Arens AM**, Laes JR, Klein LR, Bangh SA, Olives TD. High Dose Insulin for Beta-Blocker and Calcium Channel-Blocker Poisoning. American Journal of Emergency Medicine. 2018;36(10):1817-1824.
Data acquisition, manuscript editing and review.
Number of times cited¹: 65

¹via Google Scholar as of March 13, 2025

17. Olives TD, **Arens AM**, Kloss JS, Apple FS, Cole JB. The New Face of Heroin. American Journal of Emergency Medicine. 2017;35(12):1978-1979.
Manuscript editing and review.
Number of times cited¹: 4
18. **Arens AM**, Shah K, Al-Abri S, Olson KR, Kearney T. Safety and effectiveness of physostigmine: a 10-year retrospective review. Clin Toxicol. 2017;13:1-7.
Guarantor of integrity of entire study, data acquisition, data review and analysis, manuscript preparation and editing.
Number of times cited¹: 64
Pharmacy resident: Krishna Shah, PharmD
19. **Arens A**, Olives T, Laes J, Cole J. It's Not Just Heroin Anymore. Clin Toxicol. 2017;55(6):608.
Conducted literature research, manuscript preparation and editing.
Number of times cited¹: 12
20. **Arens A**, Ben-Youssef L, Hayashi S, Smollin C. Esophageal Rupture After Ghost Pepper Ingestion. Journal of Emergency Medicine. 2016;51(6):e141-e143.
Data acquisition, literature research, manuscript preparation and editing.
Number of times cited¹: 8
Emergency medicine resident: Leila Ben-Youssef, MD
21. **Arens AM**, Anaebere TC, Horng H, Olson K. Fatal Taxus Baccata Ingestion with Perimortem Serum Taxine B Quantification. Clin Toxicol. 2016;54(9):878-880.
Data acquisition, literature research, manuscript preparation and editing.
Number of times cited¹: 20
Emergency medicine resident: Tiffany Anaebere, MD
22. **Arens AM**, van Wijk XM, Vo KT, Lynch KL, Wu AH, Smollin CG. Adverse Effects From Counterfeit Alprazolam Tablets. JAMA Internal Medicine. 2016; 176(10):1554-1555.
Guarantor of integrity of entire study, data acquisition, literature research, manuscript preparation and editing.
Number of times cited¹: 84

¹via Google Scholar as of March 13, 2025

23. **Arens A**, Smollin C. Case Files of the University of California, San Francisco Medical Toxicology Fellowship: Seizures and a Persistent Anion Gap Metabolic Acidosis. *J Med Toxicol.* 2016;12(3):309-314.
Data acquisition, literature research, manuscript preparation and editing.
Number of times cited¹: 3
24. Vogel JA, Newgard CD, Holmes JF, Diercks DB, **Arens AM**, Boatright DH, Bueso A, Gaona SD, Gee KZ, Nelson A, Voros JJ, Moore EE, Colwell CB, Haukoos JS. Western Emergency Services Translational Research Network. Validation of the Denver Emergency Department Trauma Organ Failure Score to Predict Post-Injury Multiple Organ Failure. *Journal of the American College of Surgeons.* 2016;222(1):73-82.
Data acquisition, manuscript editing and review.
Number of times cited¹: 24
25. Kovachevich R, Shah J, **Arens A**, Stuart M, Dahm D, Levy B. Operative Management of the Medial Collateral Ligament in the Multi-Ligament Injured Knee: An Evidence-Based Systematic Review. *Knee Surgery, Sports Traumatology, Arthroscopy.* 2009;17(7):823-829.
Data acquisition.
Number of times cited¹: 116

¹via Google Scholar as of March 13, 2025

BOOK CHAPTERS

1. **Arens AM**, Haroz, R. Gamma-hydroxybutyric acid (Gamma-hydroxybutyrate). *Goldfrank's Toxicologic Emergencies*. Twelfth Edition. New York: McGraw-Hill.
Manuscript preparation and editing.
Accepted for publication 10/2022, publication pending.
2. **Arens A**. Tricyclic Antidepressants. (2021), Wolfson, A. *Harwood-Nuss' Clinical Practice of Emergency Medicine. Seventh Edition*. Philadelphia: Wolters Kluwer.
Manuscript preparation and editing.
3. **Arens A**, Benowitz N. Caffeine. (2018) Olson, K. *Poisoning and Drug Overdose, Seventh Edition*. New York: McGraw-Hill.
Manuscript preparation and editing.
4. **Arens A**, Clotting Factor Replacement Therapy. (2018) Olson, K. *Poisoning and Drug Overdose, Seventh Edition*. New York: McGraw-Hill.
Manuscript preparation and editing.

5. **Arens A**, Wu, L, Amantadine. (2018) Olson, K. *Poisoning and Drug Overdose, Seventh Edition*. New York: McGraw-Hill.
Manuscript preparation and editing.
6. **Arens A**, Guth T, The resident as educator. (2013) Guth, T. *Resident as Educator*. Irving, TX: Emergency Medicine Residents' Association.
Manuscript preparation and editing.

OTHER PUBLICATIONS

Peer-Reviewed Non-indexed Electronic Publications

1. **Arens, A**. "NAC Masters: Lifestyle of the Medical Toxicology Fellow." Academic Life in Emergency Medicine. July 23, 2015.

Non-Peer-Reviewed Publications

1. **Arens A**, Bosch D, Anderson B, Pryor P. Gone Fishing: Bedside Technique for Removal of a Foreign Body in the Oropharynx Using Direct Laryngoscopy. *Emergency Physicians Monthly*. December 16, 2011.
Data acquisition, literature research, manuscript preparation and editing.
2. **Arens, A**. Abstract Review. Clinical Course of Repeated Supratherapeutic Ingestion of Acetaminophen: Alhelail MA, Hoppe JA, Rhyee SH, Heard KJ. *Clin Toxicol*. 2011;49:108–112. *Journal of Emergency Medicine*. 2011; 40(6):720.
3. **Arens, A**. Abstract Review. Inappropriate Antibiotic Therapy in Gram-negative Sepsis Increases Hospital Length of Stay: Shorr AF, Micek ST, Welch EC, et al. *Critical Care Medicine*. 2011;39:46–51. *Journal of Emergency Medicine*. 2011;40(6):721.
4. **Arens, A**. Abstract Review. Treatment of Acute Otitis Media in Children Under 2 Years of Age: Hoberman A, Paradise JL, Rockette HE, et al. *New England Journal of Medicine*. 2011;364:105–115. *Journal of Emergency Medicine*. 2011;40(6):722-723.
5. **Arens, A**. Abstract Review. Quality of Cardiopulmonary Resuscitation in Out-of-hospital Cardiac Arrest Is Hampered by Interruptions in Chest Compressions—A Nationwide Prospective Feasibility Study: Krarup NH, Terkelsen CJ, Johnsen SP, et al. *Resuscitation* 2011;82:263–9. *Journal of Emergency Medicine*. 2011;40(6):723-724.

Educational Videos-Physician Education Material

1. Hennepin County Medical Center (Producer). (2019, December 19). Acetaminophen: The good, the bad, the ugly. <https://vimeo.com/380562814>.

2. Hennepin County Medical Center (Producer). (2019, December 19). Toxicology Public Service Announcement (PSA) 1. <https://vimeo.com/380606204>.
3. Hennepin County Medical Center (Producer). (2019, December 19). Toxicology Public Service Announcement (PSA) 2. <https://vimeo.com/380606280>.

RESEARCH ABSTRACT

My research interests lie at the intersection of emergency medicine and medical toxicology, with a particular focus on the antidotal management of poisoned and critically ill patients. My prior work emphasized the identification of novel drugs of abuse, including one of the earliest descriptions of counterfeit drug products containing fentanyl. I have also focused on the use of specific antidotes including physostigmine for the treatment of antimuscarinic toxicity, and high dose insulin euglycemic therapy for calcium channel and beta blocker poisoning. My current research interests have expanded more broadly to the development of national treatment guidelines with the American Heart Association for the management of patients with life threatening poisoning and drug overdose. Of particular interest is the use of venoarterial extracorporeal membrane oxygenation in the treatment of life threatening poisoning. I have extended my interest in the care of critically ill patients, including those in cardiac arrest as a member of the 2025 Special Circumstances in Cardiac Arrest writing group, who reviews all available literature to inform the care of patients in cardiac arrest from specific causes, such as pulmonary embolism. I was recently invited to become a member of the International Liaison on Resuscitation, an organization that provides ongoing, rigorous and structured review of primary literature to develop evidence-informed international guidelines for resuscitation and first aid. Moving forward, I aim to continue to improve emergency medicine, medical toxicology, and addiction medicine care and advancing evidence-based treatment guidelines for poisoning and drug overdoses.

TEACHING EXPERIENCE AND EXPERTISE:

Postgraduate Teaching

UNIVERSITY OF QUEENSLAND MEDICAL STUDENTS

1. **Arens, A.** "Introduction to Medical Toxicology" February 19, 2025
Emergency Medicine Medical Student Rotation
Ochsner Medical Center, New Orleans, Louisiana, USA
2. **Arens, A.** "Heat Stroke" February 5, 2025
Emergency Medicine Medical Student Rotation
Ochsner Medical Center, New Orleans, Louisiana, USA
3. **Arens, A.** "Managing Major Bioweapon/
Chemical Agent/Environmental/Tox Emergencies" October 28, 2023
AAEM RSA Medical Student Symposium

Ochsner Medical Center, New Orleans, Louisiana, USA

4. **Arens, A.** "FAST Ultrasound Simulation" October 28, 2023
AAEM RSA Medical Student Symposium
Ochsner Medical Center, New Orleans, Louisiana, USA
5. **Arens, A.** "Antidotes: Common Antidotes Used in the ED" May 12, 2023
Emergency Medicine Medical Student Rotation
Ochsner Medical Center, New Orleans, Louisiana, USA
6. **Arens, A.** "FAST Ultrasound Simulation" January 25, 2023
Emergency Medicine Medical Student Rotation
Ochsner Medical Center, New Orleans, Louisiana, USA

OCHSNER MEDICAL CENTER RESIDENT LECTURES

1. **Arens, A.** "Euglycemic DKA" December 11, 2024
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
2. **Arens, A.** "Ludwig's Angina" December 11, 2024
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
3. **Arens, A.** "Gunshot Wound to the Neck" September 4, 2024
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
4. **Arens, A.** "The Difficult Airway" July 17, 2024
Emergency Medicine Resident Airway Symposium
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
5. **Arens, A.** "Introduction to Pharmacology" July 12, 2024
Emergency Medicine Resident Intern Orientation
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
6. **Arens, A.** "Common Vasoactive Drugs in the ED" July 12, 2024
Emergency Medicine Resident Intern Orientation

Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA

7. **Arens, A.** “Cardiovascular Toxins” February 7, 2024
Emergency Medicine Resident Core Content Lecture, Medical Toxicology
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
8. **Arens, A.** “Tylenol” August 23, 2023
Emergency Medicine Resident Core Content Lecture, Medical Toxicology
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
9. **Arens, A.** “Gunshot Wound to the Neck” August 23, 2023
Emergency Medicine Resident Small Group Lecture Series
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
10. **Arens, A.** “Acetaminophen Toxicity” July 28, 2023
Internal Medicine Resident Lecture
Ochsner Medical Center Department of Internal Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
11. **Arens, A.** “The Difficult Airway” July 12, 2023
Emergency Medicine Resident Airway Symposium
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
12. **Arens, A.** “Introduction to Pharmacology” July 10, 2023
Emergency Medicine Resident Intern Orientation
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
13. **Arens, A.** “Common Vasoactive Drugs in the ED” July 10, 2023
Emergency Medicine Resident Intern Orientation
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
14. **Arens, A.** “Aspiration pneumonia with ARDS” May 24, 2023
Emergency Medicine Resident Small Group Lecture Series
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
15. **Arens, A.** “Toxic Shock Syndrome” December 2, 2022
Emergency Medicine Resident Small Group Lecture Series
Ochsner Medical Center Department of Emergency Medicine

Ochsner Medical Center, New Orleans, Louisiana, USA

16. **Arens, A.** “Tylenol Thursday: Treating Tylenol Toxicity” December 2, 2022
Emergency Medicine Resident Core Content Lecture, Medical Toxicology
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA
17. **Arens, A.** “Salicylate Toxicity” November 3, 2022
Emergency Medicine Resident Small Group Lecture Series
Ochsner Medical Center Department of Emergency Medicine
Ochsner Medical Center, New Orleans, Louisiana, USA

Postgraduate Mentorship: Residents/trainees

UNIVERSITY OF QUEENSLAND MEDICAL STUDENTS
Hansen, Tiffany (University of Queensland medical student) July 2023-2024

OCHSNER MEDICAL CENTER EMERGENCY MEDICINE RESIDENTS
Bollich, Hannah MD November 2023-Current

Postgraduate Mentorship, Other Universities

UNIVERSITY OF MINNESOTA MEDICAL STUDENTS
Sheikh Said, Hamdi MD (University of Minnesota medical student) April 2021-2022
Fuchs, Ryan MD (University of Minnesota medical student) April 2017-2018

REGIONS HOSPITAL MEDICAL TOXICOLOGY FELLOWSHIP FELLOWS

Strand, Annika MD July 2024-Present
Chakraborty, Amar, MD July 2024-Present
Jurao, Arthur MD July 2022-June 2024
Gooley, Brian MD July 2022-June 2024
Batdorff, Erin MD January 2021-January 2022
Kunzler, Nathan MD July 2020-July 2022
Pueringer, Robert Cole MD July 2019-July 2021
Sweat, Christopher MD July 2019-July 2021
Corcoran, Justin MD July 2018-June 2020
McCabe, Daniel MD July 2017-June 2019
McGillis, Eric MD September 2017-August 2019
Willenbring, Benjamin MD August 2016-June 2018
Burgess, Amelia MD, MPH September 2016-December 2017
Montague, Abigail MD August 2016-June 2017
Boley, Sean MD August 2016-June 2017

HENNEPIN HEALTHCARE EMERGENCY MEDICINE RESIDENTS

Samson, Margot MD January 2020-May 2022
Kramer, Andrea DO January 2019-June 2021

Tenbrink, William MD
Lai, Tarissa MD
Elm, Kendra MD

January 2018-June 2020
January 2018-June 2020
January 2017-June 2019

Postgraduate Coursework, Other Universities

POSTGRADUATE COURSEWORK:

Samuel Merritt University
College of Health Sciences
Oakland, California, USA

Introduction to Medical Toxicology
Pharmacology II – PA 609
Instructor

August 3, 2015

This course was designed for pharmacy students as an introduction to the role of poison control centers as well as some of the mechanisms of drug toxicity and management of the poisoned patient. The class I instructed included forty-four students.

Alcohol withdrawal and Novel Drugs of Abuse
Pharmacology II – PA 609
Instructor

August 5, 2015

This course was designed for pharmacy students to specifically describe the pathophysiology and clinical findings associated with alcohol withdrawal, the pharmacology of, and indications for medications used to treat alcohol withdrawal. It is also an introduction to some of the most popular novel drugs of abuse at the time of presentation. The class I instructed included forty-four students.

POSTGRADUATE CURRICULUM DEVELOPMENT

Drugs of Abuse in the LGBT Community
Department of Emergency Medicine
University of California-San Francisco
San Francisco, California, USA
Contributing Author

August 2015

Web-based curriculum developed for emergency medicine residents and faculty discussing drugs of abuse prevalent in the lesbian, gay, bisexual and transgender community and associated health risk.

PRESENTATIONS AND ABSTRACTS

Invited Oral Presentations at International Professional Meetings, Conferences, etc.

1. **Arens A.** Magnesium and Overdrive Pacing. North American Congress of Clinical Toxicology, September, 2024, Denver, Colorado, USA.
Symposium.

2. **Arens A.** Methanol Contaminated Hand Sanitizer Ingestions in the US during the COVID-19 Pandemic. Asia Pacific Association of Medical Toxicology. Virtual Meeting, November 2022.
Symposium.
3. **Arens A.** One, Two, Buckle My Shoe: VX Poisoning. North American Congress of Clinical Toxicology, September, 2022, San Francisco, California, USA.
Symposium.
4. **Arens A.** Organoarsenic Compounds & Vomiting Agents. North American Congress of Clinical Toxicology, September, 2019, Nashville, Tennessee, USA.
Symposium.

Invited Oral Presentations at National Professional Meetings, Conferences, etc.

1. Kiernan E, Lopez A, **Arens A**, Garlich F, Kosnett M, Ovakim D. MedTox Case Panel: Case-Based Conundrums, American College of Medical Toxicology (ACMT) Annual Scientific Meeting. April 2025, Vancouver, British Columbia, Canada.
Panelist
2. **Arens A.** From Toxidromes to Activated Charcoal: A Rational Approach for Managing the Poisoned Patient, American College of Medical Toxicology (ACMT) Total Tox Course, November 2024, Virtual conference.
Symposium.
3. **Arens A.** Aquatic Toxicity. American College of Medical Toxicology (ACMT) Board Review Course, June 2024, Virtual conference.
Symposium.
4. **Arens A.** From Toxidromes to Activated Charcoal: A Rational Approach for Managing the Poisoned Patient, Total Tox Course, November 2022, Virtual conference.
Symposium.
5. **Arens A.** Bruccoleri R, Murray PB, Willenbring B. To Seize or Not to Seize? That is the Question, Bupropion Panel, American College of Medical Toxicology (ACMT) Annual Scientific Meeting. April 2021, Virtual conference.
Moderator of panel discussion.
6. **Arens A.** What's New In Your Neighborhood? COVID-19 Drugs, Total Tox Course, February 2021, Virtual conference.
Symposium.
7. **Arens A.** From Toxidromes to Activated Charcoal: A Rational Approach for Managing the Poisoned Patient, Total Tox Course, February 2021, Virtual conference.
Symposium.

8. **Arens A**, Hantsch C, Katzung K, Petzel Gimbar R. Case Review and Roundtable Discussion on Complex Acetaminophen Cases, Total Tox Course, February 2021, Virtual conference. *Panel discussion.*
9. **Arens A**, Colby JM, Love SA, Wheeler SE. More than opioids: New trends in adolescent and young adult substance abuse testing, American Academy for Clinical Chemistry Annual Scientific Meeting, December 2020, Virtual conference. *Symposium.*
10. **Arens A**. Mushrooms & Marine. American College of Medical Toxicology (ACMT) Virtual Board Review Course, August 2020, Virtual conference. *Symposium.*
11. **Arens A**. Doing Harm: Examining the Drugs Used in Sexual Assault, American College of Medical Toxicology (ACMT) Annual Scientific Meeting, April 2020. Virtual conference. *Symposium.*
12. **Arens A**. From Toxidromes to Activated Charcoal: A Rational Approach for Managing the Poisoned Patient, Total Tox Course, December 2019, Washington, District of Columbia, USA. *Symposium.*
13. **Arens A**, Hantsch C, Katzung K, Stolbach A. Case Review and Roundtable Discussion on Complex Acetaminophen Cases, Total Tox Course, December 2019, Washington, District of Columbia, USA. *Panel discussion.*
14. **Arens A**. Chasing The Dragon: The New Dangers of Opioid Abuse, Total Tox Course, December 2019, Washington, District of Columbia, USA. *Symposium.*
15. **Arens A**. What's New in Your Neighborhood? Drugs Other Than Opioids, Total Tox Course, December 2019, Washington, District of Columbia, USA. *Symposium.*
16. **Arens A**, Sessions D, Katzung K, Hantsch C. Panel Discussion on Drugs of Abuse, Total Tox Course, December 2019, Washington, District of Columbia, USA. *Panel discussion.*
17. **Arens A**, Colby JM, Love SA, Wheeler SE. Opioids & Beyond: The Clinical Laboratory's Role in the Opioid Epidemic, American Academy for Clinical Chemistry Annual Scientific Meeting, August 2019, Anaheim, California, USA. *Symposium.*
18. **Arens A**. Don't Judge a Pill by its Color: Counterfeit Pharmaceuticals, Rocky Mountain Winter Conference, February 2019, Steamboat, Colorado, USA.

Symposium.

19. **Arens A.** The Perplexing Case of the Pastor's Poisoned Daughter, Case Presentation Competition, North American Congress of Clinical Toxicology, October 2018, Chicago, Illinois, USA.
Symposium.
20. **Arens A,** Vo K, van Wijk XM, Coffin P. Counterfeit Xanax: A Case Series from San Francisco, CDC Webinar, Poison Center and Public Health Collaborations, June 2016, San Francisco, California, USA.
Webinar.
21. **Arens A,** Bleeding on New Anticoagulants, High Risk Emergency Medicine in San Francisco, June 2016, San Francisco, California, USA.
Symposium.
22. **Arens A.** What Drugs is Your Teenager Abusing? High Risk Emergency Medicine in San Francisco, June 2016, San Francisco, California, USA.
Symposium.
- Arens A.** The Unstable Overdose Patient, High Risk Emergency Medicine in Hawaii, March 2016, Maui, Hawaii, USA.
Symposium.
23. **Arens A.** New Fumigants, Herbicides, Insecticides, and Other Agricultural Chemicals. Toxic Substances in the Workplace and the Environment and Updates in Occupational and Environmental Medicine, March 2016, San Francisco, California, USA.
Symposium.
24. **Arens A.** New Drugs Of Abuse, High Risk Emergency Medicine in Hawaii, May 2015, Honolulu, Hawaii, USA.
Symposium.

Invited Oral Presentations at Local Professional Meetings, Conferences, etc.

1. **Arens A.** Medical Toxicology for the Inpatient: New Age of Opioids, Southern Hospital Medicine Conference. September 2024, New Orleans, Louisiana.
Symposium.
2. **Arens, A.** "Louisiana Emergency Medicine Residency Quiz Bowl", American College of Emergency Physicians, Louisiana Chapter. March 2024, New Orleans, Louisiana, USA.
Symposium.

3. **Arens, A.** “Managing Major Bioweapon/Chemical Agent/Environmental/Tox Emergencies”, American Academy of Emergency Medicine, Louisiana Conference, October 2023, New Orleans, Louisiana, USA.
Symposium.
4. **Arens, A.** “A Toxicology Tale”, All NOLA Emergency Medicine Conference, May 2023, New Orleans, Louisiana, USA.
Symposium.
5. **Arens, A.** “Drugs On The Horizon, EMS Trauma & Critical Care Education Series”, August 2019, Minneapolis, Minnesota, USA.
Symposium, webinar.
6. Laes, J; **Arens, A**; Montague, A; Olives, T. “Zombie-sota, Zombie-sota: The Synthetic Cannabinoid Epidemic in Your Backyard”, Department of Medicine, Medicine Grand Rounds, November 2017, Minneapolis, Minnesota, USA.
Symposium, webinar.
7. **Arens, A.** “Toxicology & Opioids: It’s Not Just Heroin Anymore”, Greater Northwest Emergency Medical Services Conference, October 2017, Mahanomen, Minnesota, USA
Symposium.
8. **Arens, A.** “Chelation: A Toxicology Approach”, Silicon Valley Health Institute, May 2015, Palo Alto, California, USA.
Symposium.

Peer-reviewed Oral Presentations at National Professional Meetings, Conferences, etc.

1. **Arens AM**, Al-Abri S, Shah K, Olson KR, Kearney T. Safety and efficacy of physostigmine: A 10 year retrospective review. J Med Toxicol. 2016;12(1):3-47 (Abstract #9). *Oral Presentation of original research at American College of Medical Toxicology Annual Scientific Meeting, March 2016, Huntington Beach, California, USA.*
Pharmacy resident: Krishna Shah, PharmD
2. **Arens A**, Vo K, van Wijk X, Lemos N, Smollin C. Adulterated Xanax: A case series from San Francisco. J Med Toxicol. 2016;12(1):3-47 (Abstract #14). *Oral Presentation of original research at American College of Medical Toxicology Annual Scientific Meeting, March 2016, Huntington Beach, California, USA.*
3. **Arens A.** Lethal lasting first impressions, American College of Medical Toxicologists, Fellows-in-Training Open Mic, March 2015, Clearwater, Florida, USA.
Symposium.

4. **Arens A.** “e” to “k”: Identifying illicit drugs of abuse in electronic dance music festival attendees using wastewater analysis. American College of Medical Toxicologists, Fellows-in-Training Research Forum, March 2015, Clearwater, Florida, USA.
Oral presentation of an original research concept.

Research Abstracts

1. Bollich H, **Arens A**, Rivera D, Cates A. Anaphylactoid Reaction to Crotalidae Polyvalent Immune Fab in a 37-Year-Old Female with Cottonmouth (*Agkistrodon piscivorus*) Envenomation. J. Med. Toxicol.2025;21:112-113 (Abstract #41). *Poster presentation at the American College of Medical Toxicology Annual Scientific Meeting, April 2025, Vancouver, British Columbia, Canada.*
Emergency medicine resident: Hannah Bollich
2. Fuchs R, Drone H, Bangh S, **Arens A**, Cole J. Units (mL vs. mg) matter: Iatrogenic cardiac arrest following a five-fold intravenous diltiazem dosing error. Clin Toxicol.2023;61(S2):1-186 (Abstract #37). *Poster presentation at North American Congress of Clinical Toxicology, September 2023, Montreal, Quebec, Canada.*
Fellow: Ryan Fuchs, MD
3. Oakland C, Lange R, **Arens A**. Octreotide for venlafaxine induced hypoglycemia. Clin Toxicol.2023;61(S2):1-186 (Abstract #194). *Poster presentation at North American Congress of Clinical Toxicology, September 2023, Montreal, Quebec, Canada.*
4. Klotz A, Oakland C, Lee S, **Arens A**, Olives T, Cole J. No need to panic: multidisciplinary response coordinated by regional poison center in a series of reported self-poisonings with ricin extracted from castor beans. Clin Toxicol.2023;61(S2):1-186 (Abstract #315). *Poster presentation at North American Congress of Clinical Toxicology, September 2023, Montreal, Quebec, Canada.*
5. Deeksha B, Kiragub AW, **Arens A**, Montague AJ. A 7-week-old infant with serotonin syndrome. Clin Toxicol.2022;60(S2):1-162 (Abstract #57). *Poster presentation at North American Congress of Clinical Toxicology, September 2022, San Francisco, California, USA.*
6. **Arens A**, Sheikh Said H, Driver B, Cole J. Physostigmine reversal of delirium from second generation antipsychotics: A retrospective study from a regional poison center. Clin Toxicol.2021;59(11):1037-1193 (Abstract #221). *Poster and lightning oral presentation at North American Congress of Clinical Toxicology, October 2021, Virtual Meeting.*
Medical student: Hamdi Sheikh Said
7. Olives T, Sweat C, Brandt R, Dorsey-Spitz L, Bahadori-Esfahani F, **Arens A**, Cole J, Somani A. Extracorporeal Membrane Oxygenation: Rescue Therapy in Pediatric Bupropion Cardiotoxicity. Clin Toxicol.2021;59(11):1037-1193 (Abstract #126). *Poster presentation at North American Congress of Clinical Toxicology, October 2021, Virtual Meeting.*

Fellow: Christopher Sweat, MD

8. Kunzler N, Olives T, Cole J, Fuchs R, **Arens A**. Isoproterenol and Transvenous Pacemaker Used in Lieu of High-Dose Insulin to Successfully Treat Massive Sotalol Overdose. Clin Toxicol. 2021;59(11):1037-1193 (Abstract #135). *Poster presentation at North American Congress of Clinical Toxicology, October 2021, Virtual Meeting.*
Fellows: Nathan Kunzler, MD; Ryan Fuchs, MD.
9. Kunzler, N, Ulici A, Batdorff E, Olives T, **Arens A**, Sessions D. Massive Copper Sulfate Ingestion Successfully Treated with Early Aggressive Endoscopic Decontamination. Clin Toxicol. 2021;59(11):1037-1193 (Abstract #136). *Poster presentation at North American Congress of Clinical Toxicology, October 2021, Virtual Meeting.*
Fellows: Nathan Kunzler, MD; Erin Batdorff, MD.
10. Driver BE, Siegel-Richman Y, McHale E, Birmingham M, Stang JL, DeVries P, **Arens A**. The Utility of Laboratory Testing for Suspected Hyperthyroidism in the Emergency Department. Ann Emerg Med. 2020;27(S1):S7-S316 (Abstract #480). *Accepted for poster presentation at Society for Academic Emergency Medicine, May 2020, Denver, Colorado, USA. Meeting cancelled secondary to COVID-19.*
Emergency medicine residents: Yona Siegel-Richman, MD and Elisabeth McHale, MD.
Medical student: Matthew Birmingham
11. **Arens A**, Lee S, Pueringer R, Sweat C, Corcoran J, Knack S, Cole J, Olives T. A 24-Hour Observation Time is Hard to Swallow: Evidence for 8 Hours of Observation Of Methamphetamine Stuffers. Clin Toxicol. 2020;58(11):1075-1280 (Abstract #193). *Online poster presentation, North American Congress of Clinical Toxicology, September 2020, online.*
Fellows: Robert Pueringer, MD; Christopher Sweat, MD; Justin Corcoran, MD.
Emergency medicine resident: Sarah Knack, MD
12. Lee S, Bangh S, Olives T, **Arens A**, Cole J. Effect of Implementation of the Qtc Nomogram at a Regional Poison Center on the Frequency of Magnesium Placement Recommendations Compared to a Control of Qtc > 500 msec. Clin Toxicol. 2020;58(11):1075-1280 (Abstract #153). *Online poster and lightning oral presentation, North American Congress of Clinical Toxicology, September 2020, online.*
13. Rowland-Fisher A, Cole J, **Arens A**. Anaphylaxis from Protamine Reversal of Heparin After Sensitization From Daily NPH Insulin Use. Clin Toxicol. 2020;58(11):1075-1280 (Abstract #241). *Online poster presentation, North American Congress of Clinical Toxicology, September 2020, online.*
14. Ulici A, **Arens A**, Olives T. Substantial Improvement in Plaque Psoriasis Symptoms After Inadvertent Secukinumab Subcutaneous Overdose Without Adverse Effect. Clin Toxicol. 2020;58(11):1075-1280 (Abstract #293). *Online poster presentation, North American Congress of Clinical Toxicology, September 2020, online.*

15. McGillis E, **Arens A**, Olives T, Gray T, Blanchard S, Love SA, Haynes CL, Xiong-hang K, Lee A, and Cole J. Rapid-Onset Hyperthermia and Hypercapnia Preceding Rigor Mortis and Cardiopulmonary Arrest in a DNP Overdose. Clin Toxicol. 2018;56(10):912-1092 (Abstract # 136). *Poster and oral presentation, North American Congress of Clinical Toxicology, October 2018, Chicago, Illinois, USA.*
Fellow: Eric McGillis, MD (presenter)
16. Litell J, **Arens A**, Love S, Spindler C, and Cole J. Extracorporeal Membrane Oxygenation for Cardiopulmonary Failure Following Fentanyl Analogue Overdose Treated With High-Dose Naloxone. Clin Toxicol. 2018;56(10):912-1092 (Abstract #162). *Poster presentation, North American Congress of Clinical Toxicology, October 2018, Chicago, Illinois, USA.*
17. Topeff J, Perez-Lauterbach D, Nahum R, Dossick D, Ahmed H, Cole J, and **Arens A**. Dose-dependent Pulmonary Injury Following Kinepak™ Exposure. Clin Toxicol. 2018;56(10):912-1092 (Abstract #191). *Poster presentation, North American Congress of Clinical Toxicology, October 2018, Chicago, Illinois, USA.*
Emergency medicine residents: David Perez-Lauterbach, MD (presenter); Rebecca Nahum, MD; Deborah Dossick, MD
Internal Medicine residents: Hamna Ahmed, MD
18. McCabe D, Bangh S, **Arens A**, and Cole J. Phenibut Exposures Reported to a Regional Poison Center. J Med Toxicol. 2018;5:3-67 (Abstract #38). *Poster presentation, American College of Medical Toxicology Annual Scientific Meeting, April 2018, Washington, District of Columbia, USA.*
Fellow: Daniel McCabe, MD
19. Cole J, Scharber S, Simpson N, Klein L, Olives T, Nystrom P, Moore J, **Arens A**, Driver B, Ho J. A Prospective Observational Study of Prehospital Ketamine for Agitation Secondary to Cocaine or Methamphetamine Intoxication. J Med Toxicol. 2018;5:3-67 (Abstract #68).
Poster and oral presentation, American College of Medical Toxicology Annual Scientific Meeting, April 2018, Washington, District of Columbia, USA.
Emergency medicine resident: Sarah Knack (née Scharber) - presenter
20. Durgin K, **Arens A**, Cole J, Olives T. Incidence of Fentanyl Positivity at a Single Academic Center: Implications of Screening and Confirmatory Testing. J Med Toxicol. 2018;5:3-67 (Abstract #22). *Poster presentation, American College of Medical Toxicology Annual Scientific Meeting, April 2018, Washington, District of Columbia, USA.*
Emergency medicine resident: Kyle Durgin, MD
21. **Arens AM**, Olives T, Laes J, Anderson DL, Bangh SA, Lee SC, Adams A, Banister SD, Gerona RR, Cole J. An Outbreak of 5F-ADB Exposures Reported to a Regional Poison Center. J Med Toxicol. 2018;5:3-67 (Abstract #37). *Poster presentation, American College of Medical Toxicology Annual Scientific Meeting, April 2018, Washington, District of Columbia, USA.*

22. Cole J, **Arens A**, Laes J, Klein L, Bangh S, and Olives T. High-dose Insulin for Beta Blocker And Calcium Channel Blocker Poisoning: 17 Years of Experience from a Single Poison Center. Clin Toxicol. 2017;55(7):689-868 (Abstract #52). *Poster presentation, North American Congress of Clinical Toxicology, October 2017, Vancouver, British Columbia, Canada.*
Fellow: Lauren Klein, MD
23. Burgess A, **Arens A**, Boley S, Laes J, Olives T, Cole J and Rasimas J. Diphenhydramine Use Disorder and Withdrawal on Hospital Admission. Clin Toxicol. 2017;55(7):689-868 (Abstract #125). *Poster presentation, North American Congress of Clinical Toxicology, October 2017, Vancouver, British Columbia, Canada.*
Fellows: Amelia Burgess, MD; Sean Boley, MD
24. **Arens AM**, Lewis, J. Retrospective Review of Methotrexate Overdoses Reported to the California Poison Control System: A 17-Year Review. Clin Toxicol. 2017;55(7):689-868 (Abstract #202). *Poster presentation, North American Congress of Clinical Toxicology, October 2017, Vancouver, British Columbia, Canada.*
25. Olives T, **Arens A**, Kloss J, Apple F, and Cole J. Heroin Overdoses? No Such Thing. Clin Toxicol. 2017;55(7):689-868 (Abstract #248). *Poster presentation, North American Congress of Clinical Toxicology, October 2017, Vancouver, British Columbia, Canada.*
26. Arens A, Vo K, van Wijk X, Lemos N, Smollin C. Adulterated Xanax: A Case Series From San Francisco. J Med Toxicol. 2016;12(1):3-47 (Abstract #14). *Poster and oral presentation, American College of Medical Toxicology Annual Scientific Meeting, March 2016, Huntington Beach, California, USA.*
27. **Arens AM**, Al-Abri S, Shah K, Olson KR, Kearney T. Safety and Efficacy of Physostigmine: A 10 year Retrospective Review. J Med Toxicol. 2016;12(1):3-47 (Abstract #9). *Poster and oral presentation, American College of Medical Toxicology Annual Scientific Meeting, March 2016, Huntington Beach, California, USA.*
Pharmacy resident: Krishna Shah, PharmD
28. **Arens A**, Gerona R, Meier KH, Smollin C. Acute Cholecystitis Associated With Kratom Abuse. Clin Toxicol. 2015;53(7):639-777 (Abstract #47). *Poster presentation, North American Congress of Clinical Toxicology, October 2015, San Francisco, California, USA.*
29. **Arens A**, Ben-Youssef L, Hayashi S, Smollin C. Esophageal Rupture Following Ghost Pepper Ingestion. Clin Toxicol. 2015;53(7):639-777 (Abstract #261). *Poster presentation, North American Congress of Clinical Toxicology, October 2015, San Francisco, California, USA.*
Emergency medicine resident: Leila Ben-Youssef, MD

30. Durrani T, Muzaffar S, **Arens A**, Hayashi S, Kosnett M. A Lead-Intoxicated Patient with End Stage Renal Disease Treated With Ca-EDTA and High-flux Hemodialysis. Clin Toxicol. 2015;53(7):639-777 (Abstract #262). *Poster presentation, North American Congress of Clinical Toxicology, October 2015, San Francisco, California, USA.*
31. **Arens, A**, Gugelmann H, Rhaman, S, Smollin, C. Endoscopic Retrieval of Enteric-Coated Aspirin Tablets in Massive Overdose. Clin Toxicol. 2015;53:233-403 (Abstract #159). *Poster presentation, Congress of European Association of Poisons Centres and Clinical Toxicologists, May 2015, St Julian's, Malta.*
Emergency medicine resident: Salman Rhaman, MD
32. **Arens, A**, Miyagi, S, Durrani, T, Horng, H, Smollin, C. Serum Warfarin Levels and Corresponding INR after Intentional Warfarin Overdose. Clin Toxicol. 2015;53:233-403 (Abstract #333). *Poster presentation, Congress of European Association of Poisons Centres and Clinical Toxicologists, May 2015, St Julian's, Malta.*
Pharmacy resident: Shogo Miyagi, PhD, PharmD
33. Smollin C, **Arens A**, Petrie M, Kearney T. Massive Carbamazepine Overdose Treated with Continuous Veno-Venous Hemodialysis. Clin Toxicol. 2015;53:233-403 (Abstract #162). *Poster presentation, Congress of European Association of Poisons Centres and Clinical Toxicologists, May 2015, St Julian's, Malta.*
34. **Arens A**, Smollin CS. Cardiac Arrest and Prolonged Coma After Intentional Pentobarbital Overdose. J Med Toxicol. 2015;11:2-47 (Abstract #17). *Poster presentation, American College of Medical Toxicology Annual Scientific Meeting, March 2015, Clearwater, Florida, USA.*
35. **Arens A**, Blyakherova Y, Blanc P, Horng H. Hepatotoxicity Associated with Use of a Dietary Supplement Containing Chinese Skullcap: A Case Report. J Med Toxicol. 2015;11:2-47 (Abstract #18). *Poster presentation, American College of Medical Toxicology Annual Scientific Meeting, March 2015, Clearwater, Florida, USA.*
36. Vogel JA, **Arens A**, Johnson C, Ruygrok M, Smalley C, Byyny R, Colwell C, Haukoos JS. Prehospital and emergency department intubation is associated with increased mortality in patients with moderate to severe traumatic brain injury. Academic Emergency Medicine. 2012; 19: S273-S274 (Abstract #517). *Oral presentation, Society for Academic Emergency Medicine Annual Meeting, May 2012, Cincinnati, Ohio, USA.*
37. **Arens A**, Grigoriev J. Epidural Lipomatosis and Cushing's Disease: A Case Report. *Poster presentation, Hospital Medicine 2008: Society of Hospital Medicine (SHM) Annual Meeting (Abstract #129), April, 2008, San Diego, California, USA.*
38. Grunewald A, **Arens A**. The motion aftereffect is subject to reference repulsion. Journal of Vision. 2004; 4(8): 548-548a. url: <http://journalofvision.org/4/8/548/>. *Poster presentation, Vision Sciences Society Annual Meeting, April, 2004, Sarasota, Florida, USA.*

ADMINISTRATIVE ACTIVITY

National Committees

Education Committee Co-Chair 2025-Present

American Academy of Clinical Toxicology

The Education Committee chair is responsible for organizing and identifying speakers for symposia hosted by the American Academy of Clinical Toxicology at meetings for outside organizations in addition to overseeing the regular educational virtual programming provided to the membership.

American Academy of Clinical Toxicology Executive Board Member 2024-Present
Secretary

American Academy of Clinical Toxicology

In addition to the duties of board members described below, as the secretary and executive board member, I am responsible for ensuring documentation of meetings and changes in organizational structure and bylaws. I also oversee the activities of the sections including the communications section of the American Academy of Clinical Toxicology.

American Academy of Clinical Toxicology Board of Trustees Member 2021-2024

American Academy of Clinical Toxicology

Board members have multiple responsibilities including determining the organization's mission and purpose, setting organizational policies, ensure effective organizational planning, and enhance the organization's public standing

North American Congress of Clinical Toxicology Scientific Content Co-Chair 2020-2024

American Academy of Clinical Toxicology

Organization and timeline of the North American Congress of Clinical Toxicology as well as review and approval of proposed scientific content, of proposed speakers and individual lecture content.

Local Committees

Board of Director Member 2025-Present

Louisiana Chapter of American College of Emergency Physicians

Institutional Committees

Pharmacy and Therapeutics Committee 2022-Present

Ochsner Medical Center-Main Campus

Ochsner Health System

New Orleans, Louisiana, USA

Clinical Competency Committee 2022-Present

Ochsner Medical Center Department of Emergency Medicine

Ochsner Medical Center, New Orleans, Louisiana, USA

Faculty Advisory Council to the Dean
Xavier Medical School
New Orleans, Louisiana, USA

2024-Present

MEMBERSHIPS

Professional Memberships:

Fellow, American Academy of Clinical Toxicology
American Academy of Clinical Toxicology
American College of Medical Toxicology
American College of Emergency Physicians
Gold Humanism Honor Society

2024-Present

2014-Present

2014-Present

2009-Present

2008-Present