

CURRICULUM VITAE FOR PROMOTION AND TENURE

Jenna LeRoy Wilkinson

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IDENTIFYING INFORMATION

Education

Degree	Institution	Date Degree Granted
B.S.	University of Iowa Exercise Physiology	2007
M.D	University of Iowa	2011
Emergency Medicine Residency	Regions Hospital/HealthPartners Institute for Medical Education	2014
Medical Toxicology Fellowship	Regions Hospital/HealthPartners Institute for Medical Education	2016

Certifications, Licenses

Certifications: Emergency Medicine Board Certification (12/2015)

Medical Toxicology Board Certification (12/2016)

Licensure: Minnesota Medical License, 2014-present

Minnesota DEA

Wisconsin Medical License, 2014-present

Academic Appointments

Assistant Professor, University of Minnesota (2016 – present)

Academic Administrative Appointments

Assistant Program Director of Curriculum Innovation, Regions Emergency Medicine Residency (2023-present)

Program Director, Medical Toxicology Fellowship (2021-present)

Assistant Program Director, Medical Toxicology Fellowship (2017-2021)

Clinical/Hospital Appointments

Faculty, Regions Hospital (2016-present)

Core faculty, Clinical Toxicology (2016-present)

Moonlighting Physician, Regions Hospital (2014-2016)

Physician, Westfields Hospital (2014-2017)

Physician, Hudson Hospital (2014-2017)

Consulting Positions

Occasional consultant as a medical toxicology expert witness (2020-present)

Current Membership and Offices in Professional Organizations

American College of Emergency Physicians member (2014-present)
American Academy of Clinical Toxicology member (2014-present)
American College of Medical Toxicology member (2014-present)

HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

External Sources

Regions Emergency Medicine Residency Teaching Award (2021)
Carson Harris Excellence in Toxicology Award (2014)

RESEARCH AND SCHOLARSHIP

Grants and Contracts

External Sources

Role: Principle Investigator
Granting Agency: American College of Emergency Physicians
Grant Title: Section Grant
Project Dates: 03/2020-present
Direct Costs Per Year: \$10,000
% Effort/Salary Support:0

Role: Principle Investigator
Granting Agency: HealthPartners Institute for Medical Education and Research
Grant Title: Discovery Grant
Project Dates: 9/2015-6/2016
Direct Costs Per Year: \$30,000
% Effort/Salary Support:0

Role: Principle Investigator
Granting Agency: Emergency Medicine Foundation
Grant Title: Emergency Medicine Basic Research Skills (EMBRs) Grant
Project Dates: 9/2015-6/2016
Direct Costs Per Year: \$5000
% Effort/Salary Support:0

Peer-Reviewed Publications

Eric McGillis, Travis Baumann, **Jenna LeRoy**; Death Associated With Nadolol for Infantile Hemangioma: A Case for Improving Safety. *Pediatrics* January 2020; 145 (1): e20191035. 10.1542/peds.2019-1035.

Boley, S.P., Mackenzie, R.B., **LeRoy, J.M.** *et al.* Development and Feasibility of a Porcine Model of Amlodipine Toxicity. *J. Med. Toxicol.* 16, 61–66 (2020).

Olives, T.D., Boley, S.P., **LeRoy, J.M.** *et al.* Ten Years of Robotripping: Evidence of Tolerance to Dextromethorphan Hydrobromide in a Long-Term User. *J. Med. Toxicol.* 15, 192–197 (2019).

Katzung KG, **LeRoy JM**, Boley SB, Stellpflug SJ, Holger JS. A randomized controlled study comparing high-dose insulin to vasopressors or combination therapy in a porcine model of refractory propranolol-induced cardiogenic shock. *Clin Tox* 57 (11), 1073-1079 (2019).

McCabe, D, Willenbring, B, Regelman, HT, **LeRoy JM** & Stellpflug, SJ. The hepatoprotective effect of *N*-acetylcysteine with repeated toxic acetaminophen ingestions: a case report, *Toxicology Communications*, 2:1, 56-58 (2018).

Non-Peer-Reviewed Publications

Stellpflug SJ, Gardner RL, **LeRoy JM**, Ellsworth H, Zwank MD. *Hydroxocobalamin Hinders Dialysis*. *Am J Kidney Dis.* 2013 Aug;62(2):395.

Articles Submitted for Publication

Chapters in Books

Jenna M LeRoy, Samuel J Stellpflug. *Antidiabetic Agents*. *Critical Care Toxicology*. 2016. Springer International Publishing

Presentations

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

Effect of Methylene Blue on a Porcine Model of Amlodipine Toxicity, North American Congress of Clinical Toxicology, 2017. Vancouver, British Columbia.

International Conference on Acute Care, 2015, Cochabamba, Bolivia.

1. *Snake Bites and other Envenomations*
2. *Approach to the Tox Patient*
3. *Organophosphates*
4. *Ultrasound in the ER*
5. *Transfer of the Critically Ill Patient in an Austere Environment*

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

Jenna LeRoy Wilkinson, Toxicology Principles for the Family Medicine Resident, Georgetown FM tox lecture, 2/2021

Jenna LeRoy Wilkinson, Travis Olives, Abby Montague, and Jon Cole. *Kristin Engebretsen Lifetime Achievement Award*, North American Congress of Clinical Toxicology, San Francisco, CA, 2022.

Jenna LeRoy Wilkinson, EMRA Tox Tuesday, *Dr. Jenna LeRoy Wilkinson Presents an Anticholinergic Case*, Virtual National Presentation, November 2020.

Jenna LeRoy, *Development of a Porcine Model of Amlodipine Toxicity*, ACEP Research Forum, 2016. Las Vegas, NV.

Jenna LeRoy, *Effect of Methylene Blue on Mortality in a Porcine Model of Amlodipine Toxicity*. Emergency Medicine Basic Research Skills Conference, 2015. Dallas, TX.

Jenna LeRoy, *Effect of Methylene Blue on Mortality in a Porcine Model of Amlodipine Toxicity*. American College of Medical Toxicology (ACMT) Fellows in Training Research Symposium, 2015. Clearwater, FL.

Invited Oral Presentations

Regional

Jenna LeRoy, *New Drugs People are Dying to Try*. Valley Emergency Physician Monthly Meeting, 2015. Stillwater, MN.

Jenna LeRoy, *New Drugs People are Dying to Try*. Lakeview Hospital GME conference, 2015. Stillwater, MN.

Jenna LeRoy, *Drugs That Make You Go Boom*. Trauma Education: The Next Generation, 2014. St Paul, MN.

Local

External

Wilkinson, J, Sperling, L. *The Opioid Crisis*. Medical Executive Committee Meeting, Regions Hospital, 09/2023.

Wilkinson, J, Sperling, L. *The Opioid Crisis*. The Meds Meeting, HealthPartners, Bloomington, MN, 09/2023.

Wilkinson, J. *The Opioid Crisis*. Anesthesia Late Start Meeting, Regions Hospital, 10/2023.

Wilkinson, J. *The Dreaded AGMA*. Critical Care APC Meeting, Regions Hospital, 11/2023

Wilkinson, J. Emergency Medicine Lectures (various) to the EM residency at Regions Hospital from 2014-current. Note, from 2013 until mid-2016, only evaluation comments were recorded, not scores.

- a) Critical Case, 8/29/2013
- b) Critical Case, 1/2/2014
- c) Critical Case, 2/20/2014
- d) Critical Case, 3/20/2014
- e) EM/IM, 4/24/2014

- f) Critical Case, 6/19/2014
- g) Toxicology, 1/29/2015
- h) Toxicology, 12/10/2015
- i) Toxicology, 2/11/2016
- j) Small Group, ECG & Tox (w/ Bruen), 8/18/2016
- k) Toxicology lecture, 4/13/2017
- l) Toxicology lecture (w/ McCabe), 8/3/2017
- m) Toxicology lecture (w/ Willenbring), 10/5/2017
- n) Toxicology lecture, 11/2/2017
- o) Toxicology lecture, 9/6/2018
- p) Core Conference: Endocrine, 1/10/2019
- q) Toxicology lecture, 9/5/2019
- r) Toxicology lecture, 7/2/2020
- s) Toxicology lecture, 3/17/22
- t) Quick clinical case conference, 3/24/22
- u) Toxicology lecture, 5/5/22
- v) Toxicology lecture, 7/7/22
- w) Quick Clinical Case Conference, 8/25/22
- x) Toxicology lecture, 9/1/22
- y) Regions RAP, 8/25/22
- z) Quick Clinical Case Conference, 10/27/22
- aa) Toxicology lecture, 11/3/22
- bb) Resuscitation Conference, 3/9/23
- cc) Quick Clinical case conference, 3/23/23
- dd) Regions RAP, 3/23/23
- ee) Toxicology lecture, 5/4/23
- ff) Resuscitation/Critical Case, 5/18/23
- gg) Toxicology Lecture (with fellow Dr. Gooley), 7/6/23, 4.73/5.
- hh) Resuscitation Conference, 8/31/23
- ii) The Tox EKG, 10/19/23
- jj) Simulation, Snake Envenomation, 10/19/23
- kk) Toxic Alcohols (with Fellow Dr. Jurao), 11/2/23

Wilkinson, J. Medical Toxicology Lectures (various topics) to the rotators and fellows on Regions Hospital Medical Toxicology service. Evaluations/comments not recorded.

Poster Abstract Presentations at Professional Meetings, Conferences, etc.

Stellpflug S, LeFevere R, **LeRoy J**, Coomes A, Johnsen R, Westgard B. Ethanol Breath Testing in the ED: does "poor effort" matter?. North American Congress of Clinical Toxicology, 2020. *Clinical Toxicology* (Vol. 58, No. 11, pp. 1224-1225).

LeRoy J, Regelman HT, Boley S, Clarkowski B, Cole JB. Topical Magnesium Gel: It will take your breath away. North American Congress of Clinical Toxicology, San Francisco, CA, 2016. *Clinical Toxicology* (Vol. 54, No. 8, pp. 677-678).

Lange R, **LeRoy JM**, Cole J. Apnea in a child following dermal exposure to compounded pain cream. North American Congress of Clinical Toxicology, Vancouver, British Columbia, 2017. *Clinical Toxicology*, (Vol. 55, No. 7, pp. 733-733).

Olives, TD, Regelman, HT, Lange, R, Bangh, S, Topliff, A, **LeRoy, J**, Cole, JonB. (Don't) DIY: YouTube, chemistry texts, and down home chloroform synthesis. North American Congress of Clinical Toxicology, San Francisco, CA, 2016.

Olives TD, Westgard B, Steinberg L, **LeRoy J**, Cole JB. Identifying the holes in our safety net: Socioeconomic disparities in callers to a regional Poison Center. North American Congress of Clinical Toxicology, San Francisco, CA. *Clinical Toxicology*, 2016. (Vol. 54, No. 8, pp. 662-662).

Montague AJ, **LeRoy J**, Nelson S, Olives TD, Boley S, Orozco B, Cole JB. Too Hip to Quit: Explantation on ECMO to Treat Arthroprosthetic Cobaltism. North American Congress of Clinical Toxicology, San Francisco, CA. *Clinical Toxicology*, 2016. (Vol. 54, No. 8, pp. 685-685).

Olives TD, Kirschner R, Lee S, Orozco B, Fussner L, **LeRoy J**, Cole JB. Multistate response to an outbreak of T3 thyroid storm following 1,000-fold compounding pharmacy error. North American Congress of Clinical Toxicology, San Francisco, CA, 2016. *Clinical Toxicology*, 54 (8), 740-741

Cole J, **LeRoy J**, Hughes K, Simpson N, Nystrom P, Hick J, Ho J. Survival After Self-Poisoning with Hydrogen Sulfide: Implications for Scene Safety. North American Congress of Clinical Toxicology, San Francisco, CA, 2016. *Clinical Toxicology* (Vol. 54, No. 8, pp. 686-686).

Leroy JM, Olives TD, Lange RL, Cole JB. Near death experience with baclofen poisoning and the role of the poison center. North American Congress of Clinical Toxicology, Clearwater, FL, 2015. *Clinical Toxicology* (Vol. 53, No. 7, pp. 703-704).

Katzung KG, Topeff JM, **Leroy JM**, Cole JB, Roberts DJ. Prolonged Sodium Nitroprusside Infusion Resulting in Fatal Cyanide Poisoning During National Sodium Thiosulfate Shortage. North American Congress of Clinical Toxicology, Clearwater, FL, 2015. *Clinical Toxicology* (Vol. 53, No. 7, pp. 671-671).

TEACHING AND CURRICULUM DEVELOPMENT

HealthPartners Institute Medical Toxicology Didactic Lecture Series

Developed and instituted a weekly didactic program for fellow learning to specifically prepare them to take the Medical Toxicology Board Exam.

ADVISING AND MENTORING

Regions Hospital Emergency Medicine Residency Residents Supervised

Rachael Nordby, DO (2021-present)
Melanie Mercer, MD (2018-2021)
Mary Swiggum, MD (2017-2020)

CLINICAL SERVICE (if applicable)

Clinical Service Responsibilities

1000 emergency department clinical hours per year
3 half days per week toxicology inpatient service

PROFESSIONAL SERVICE AND PUBLIC OUTREACH

Committee memberships

Quality Improvement Committee, Regions Hospital (2022-present)

American College of Medical Toxicology Fellowship Director Committee (2020-present)

American College of Emergency Physicians Toxicology Section Member (2015-present)
Chair (2020-2022)
Chair-elect (2018-2020)
Secretary (2016-2018)

Regions Hospital Pharmacy and Therapeutics member (2020-2022)

American Academy of Clinical Toxicology Abstract review committee (2017-present)

American College of Medical Toxicology Fellows in Training Section (2015-2016)