

Associate Editor, 2014-present &
Editorial Board, 2007-2014 &
Decision Editor, 2006-2007 &
Emergency Medicine (defunct 2018)
Editorial Board, 2006-2018
Journal of Medical Toxicology
Editorial Board, 2012-present
American College of Medical Toxicology Board Liaison. 2006-present.
Guest Editor
 Special Issue. Forensic Toxicology of Drug Abuse. January 2017
 Special Issue. Prescription Opioid Epidemic. December 2012.
EM Practice Guidelines, Editorial Board, 2009-2014
Poisindex, Micromedex, Inc. Editorial Board, 1996-2006

REVIEWER, JOURNALS

Academic Emergency Medicine
American Family Physician
American Journal of Emergency Medicine
Annals of Emergency Medicine
Annals of Internal Medicine
Archives of Diseases in Childhood
Asia Pacific Journal of Medical Toxicology
Canadian Medical Association Journal (CMAJ)
Clinical Toxicology
Critical Care Medicine
European Journal of Emergency Medicine
Intensive Care Medicine
Journal of the American Medical Association (JAMA)
JAMA Internal Medicine
Journal of Emergency Medicine
Journal of Medical Toxicology
Journal of Pediatrics
New England Journal of Medicine
Neuropharmacology
Pediatrics
Toxicology Letters

Reviewer, Abstracts

2013 Asia Pacific Association of Medical Toxicology Congress, Dubai
2013 American College of Medical Toxicology Annual Scientific Meeting, San Juan, PR
2012 Asia Pacific Association of Medical Toxicology Congress, Hong Kong
2012 European Association of Poison Centres and Clinical Toxicologists, International Congress, London, England
2011 European Association of Poison Centres and Clinical Toxicologists, International Congress, Dubovnik, Croatia
2010 European Association of Poison Centres and Clinical Toxicologists, International Congress, Bordeaux, France

2009 Asia Pacific Association of Medical Toxicology Congress, Chandigarh, India. &
2007 North American Congress of Clinical Toxicology, New Orleans, LA. &
Abstract Review Chair, 2006 North American Congress of Clinical Toxicology, San Francisco, CA. &
Abstract Review Chair, 2005 North American Congress of Clinical Toxicology, Orlando, FL. &
2004 North American Congress of Clinical Toxicology, Seattle, WA. &
2003 North American Congress of Clinical Toxicology, Chicago, IL. &
2002 North American Congress of Clinical Toxicology, Palm Springs, CA. &
2002 Society for Academic Emergency Medicine, St. Louis. &
2001 North American Congress of Clinical Toxicology, Montreal. &
2001 European Association of Poison Centres and Clinical Toxicologists, International Congress Barcelona, &
Spain. &
2000 North American Congress of Clinical Toxicology, Tucson. &
1999 North American Congress of Clinical Toxicology, San Diego. &
1998 North American Congress of Clinical Toxicology, Orlando. &

PUBLICATIONS

TEXTBOOKS

Current editions:

Nelson LS, Balick MJ. Handbook of Poisonous and Injurious Plants, 3rd Edition. Springer/New York Botanical Garden. New York, NY. 2020 (ISBN-13: 978-1493989249)
Nelson LS, Howland MA, Lewin N, Smith SW, Goldfrank LR, Hoffman RS. Goldfrank's Toxicologic Emergencies, 11th Edition. McGraw-Hill. New York, NY. 2019. (ISBN-13: 978-1259859618)
Strayer R, Motov S, Nelson LS (Eds.), Management of Pain and Procedural Sedation in Acute Care. 2017-2020. [e-book] <http://painandpsa.org>

Prior editions:

Hoffman RS, Howland MA, Lewin N, Nelson LS, Goldfrank LR. Goldfrank's Toxicologic Emergencies, 10th Edition. McGraw-Hill. New York, NY. 2015. (ISBN-13: 978-0071801843)
Nelson LS, Lewin N, Howland MA, Hoffman RS, Goldfrank LR, Flomenbaum NE. Goldfrank's Toxicologic Emergencies, 9th Edition. McGraw-Hill. New York, NY. 2010. (ISBN-13: 978-0071605939)
Nelson LS, Shih RD, Balick MJ. Handbook of Poisonous and Injurious Plants, 2nd Edition. Springer/New York Botanical Garden. New York, NY. 2007 (ISBN-13: 978-0387312682)
Hoffman RS, Nelson LS, Howland MA, Lewin NA, Flomenbaum NE, Goldfrank LR. Goldfrank's Manual of Toxicologic Emergencies. McGraw-Hill, New York, NY 2007 (ISBN-13: 978-0071443104)
Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006. (ISBN-13: 978-0071479141)
Goldfrank LR, Flomenbaum NE, Lewin N, Howland MA, Hoffman RS, Nelson LS. Goldfrank's Toxicologic Emergencies, 7th Edition. McGraw-Hill. New York, NY. 2002. (ISBN-13: 978-0071360012)

PEER REVIEWED JOURNALS

1. & Ramdin C, Guo M, Fabricant S, Santos C, Nelson L. The Impact of a Peer-Navigator Program on Naloxone Distribution and Buprenorphine Utilization in the Emergency Department. Subst Use Misuse. 2021 Dec 31:1-7. PMID: 34970942

2. & Chandran K, Mazer-Amirshahi M, Shankar N, Desale S, Nelson L, Mete M. Impact of COVID-19 pandemic on emergency department substance use screens and overdose presentations. *Am J Emerg Med*. 2021 Dec;50:472-476. doi: 10.1016/j.ajem.2021.08.058. Epub 2021 Aug 26. PMID: 34509745
3. & Stolbach A, Connors N, Nelson L, Kulig K. ACMT Position Statement: Interpretation of Urine Opiate and Opioid Tests. *J Med Toxicol*. 2021 Nov 15. doi: 10.1007/s13181-021-00864-1. Online ahead of print. PMID: 34780053
4. & Loughran D, Nelson L. Comment on "The Impact of Treatment with Continuous Positive Airway Pressure on Acute Carbon Monoxide Poisoning". *Prehosp Disaster Med*. 2021 Dec;36(6):805-806. doi: 10.1017/S1049023X21001011. Epub 2021 Oct 4. PMID: 34602100
5. & Steel TL, Afshar M, Edwards S, Jolley SE, Timko C, Clark BJ, Douglas IS, Dzierba AL, Gershengorn HB, Gilpin NW, Godwin DW, Hough CL, Maldonado JR, Mehta AB, Nelson LS, Patel MB, Rastegar DA, Stollings JL, Tabakoff B, Tate JA, Wong A, Burnham EL. Research Needs for Inpatient Management of Severe Alcohol Withdrawal Syndrome: An Official American Thoracic Society Research Statement. *Am J Respir Crit Care Med*. 2021 Oct 1;204(7):e61-e87. PMID: 34609257
6. & Wightman RS, Perrone J, Scagos R, Hallowell BD, Krieger M, Li Y, McGregor AJ, Nelson LS, Marshall BDL. Toxicological and pharmacologic sex differences in unintentional or undetermined opioid overdose death. *Drug Alcohol Depend*. 2021 Oct 1;227:108994. PMID: 34482038
7. & Deutsch AJ, Gajdosik DA, Ramdin C, Tebo C, Mazer-Amirshahi M, Fox ER, Colorado J, Nelson LS, Perrone J. The Impact of the Parenteral Opioid Medication Shortages on Opioid Utilization Practices in the Emergency Department of Two University Hospitals. *J Med Toxicol*. 2021 Oct;17(4):372-377. PMID: 33905078
8. & Perrone J, Nelson LS. Addressing Opioid Use Disorder in the Emergency Department: Should We Have a Metric of Success? *Ann Emerg Med*. 2021 Dec;78(6):773-775 PMID: 34417070
9. & Lall MD, Bilimoria KY, Lu DW, Zhan T, Barton MA, Hu YY, Beeson MS, Adams JG, Nelson LS, Baren JM. Prevalence of Discrimination, Abuse, and Harassment in Emergency Medicine Residency Training in the US. *JAMA Netw Open*. 2021 Aug 2;4(8):e2121706. PMID: 34410392
10. & Calello DP, Nelson LS. Illicit drug packet ingestion and the ASGE clinical guideline on removal of foreign bodies. *Gastrointest Endosc*. 2021 Jul;94(1):205 PMID: 34148578
11. & Midthun KM, Nelson LS, Logan BK. Levamisole—a Toxic Adulterant in Illicit Drug Preparations. *Ther Drug Monit*. 2021 Apr 1;43(2):221-228 PMID: 33298746
12. & Tebo C, Mazer-Amirshahi M, Zocchi MS, Gibson C, Rosenwohl-Mack S, Hsia RY, Fox ER, Nelson LS, Pines J. The rising cost of commonly used emergency department medications (2006-15). *Am J Emerg Med*. 2021 Apr;42:137-142. PMID 32081556
13. & Rockett IRH, Caine ED, Banerjee A, Ali B (Nelson LS). Fatal self-injury in the United States, 1999-2018: Unmasking a national mental health crisis. *EclinicalMedicine*. 2021 Feb 8;32:100741. PMID: 33681743
14. & Meaden CW, Ramdin C, Ruck B, Nelson LS, et al. The Poison Center as a pandemic response: establishment and characteristics of a COVID-19 hotline through the New Jersey Poison Center. *Clin Toxicol (Phila)*. 2021 Mar 31;1-6. PMID: 33787430
15. & efri MY, Nelson LS. Comment on Comparison of rates of opioid withdrawal symptoms and reversal of opioid toxicity in patients treated with two naloxone dosing regimens. *Clin Toxicol (Phila)*. 2021 Jan;59(1):79-80. PMID: 33156706
16. & Wightman RS, Perrone J, Scagos R, Krieger M, Nelson LS, Marshall BDL. Opioid Overdose Deaths with Buprenorphine Detected in Postmortem Toxicology: A Retrospective Analysis. *J Med Toxicol*. 2021 Jan;17(1):10-15. PMID: 32648229.
17. & Meaden CW, Ramdin C, Nelson LS. Pain Score, Opioid Administration, and Delirium: A Confounded Relationship. *Acad Emerg Med*. 2021 Jan;28(1):144. PMID: 32785998.

18. &Lindsay DL, Freedman K, Jarvis M, Lincoln P, Williams J, Nelson LS, Safarian T. Executive Summary of the American Society of Addiction Medicine (ASAM) Clinical Practice Guideline on Alcohol Withdrawal Management. *J Addict Med*. 2020 Sep/Oct;14(5):376-392. PMID: 32909985.
19. &Beauchamp GA, Nelson LS, Perrone J, Lyons MS. A theoretical framework and nomenclature to characterize the iatrogenic contribution of therapeutic opioid exposure to opioid induced hyperalgesia, physical dependence, and opioid use disorder. *Am J Drug Alcohol Abuse*. 2020 Nov;46(6):671-683. PMID: 32897113.
20. &Davis GG, Cadwallader AB, Fligner CL, Gilson TP, Hall ER, Harshbarger KE, Kronstrand R, Mallak CT, McLemore JL, Middleberg RA, Middleton OL, Nelson LS, Rogalska A, Tonsfeldt E, Walterscheid JP, Winecker RE. Position Paper: Recommendations for the Investigation, Diagnosis, and Certification of Deaths Related to Opioid and Other Drugs. *Am J Forensic Med Pathol*. 2020 Sep;41(3):152-159. PMID: 32404634.
21. &Mazer-Amirshahi M, Motov S, Nelson LS. Primum Non Nocere: Even a Little High Is Still High. *Acad Emerg Med*. 2020 Nov;27(11):1209-1211. PMID: 32383317.
22. &Vanyo LZ, Goyal DG, Dhaliwal RS, Sorge RM, Nelson LS, Beeson MS, Joldersma KB, Pai J, Reisdorff EJ. Emergency Medicine Resident Burnout and Examination Performance. *AEM Educ Train*. 2020 Oct 11;5(3):e10527. PMID: 34041434
23. &Stolbach A, Mazer-Amirshahi M, Schwarz ES, Juurlink D, Wiegand TJ, Nelson LS. ACMT Position Statement: Caring for Patients with Opioid Use Disorder during Coronavirus Disease Pandemic. *J Med Toxicol*. 2020 Oct;16(4):484-486. PMID: 32748068;
24. &Rockett IRH, Caine ED, Connery HS, Nolte KB, Nestadt PS, Nelson LS, Jia H. Unrecognized self-injury mortality (SIM) trends among racial/ethnic minorities and women in the USA. *Inj Prev* 2020 Oct;26(5):439-447. PMID: 31551367.
25. &Meaden CW, Procopio G, Calello DP, Nelson LS, Ruck B, Gupta A, Jacob JE. Carbon tetrachloride poisoning from an antique fire extinguisher. *Am J Emerg Med*. 2020 Oct;38(10):2139-2141. PMID: 33071087.
26. &Farmer BM, Cole JB, Olives TD, Farrell NM, Rao R, Nelson LS, Mazer-Amirshahi M, Stolbach AI. ACMT Position Statement: Medication Administration and Safety During the Response to COVID-19 Pandemic. *J Med Toxicol*. 2020 Oct;16(4):481-483. PMID: 32617893
27. &Mazer-Amirshahi M, Sun C, Koroshetz L, Soares RW, Kumar A, Calello DP, Perrone J, Nelson LS. Emergency department patients' perceptions of the efficacy and safety of opioid analgesics. *J Opioid Manag*. 2020 Jul/Aug;16(4):239-246. PMID: 32885831.
28. &Mazer-Amirshahi M, Motov S, Nelson LS. Intravenous Acetaminophen and Hydromorphone: The Bad and the Ugly of Emergency Department Pain Management. *Acad Emerg Med*. 2020 Aug;27(8):793-794. PMID: 32315463.
29. &Stolbach AI, Mazer-Amirshahi M, Marino R, Nelson LS, Sugarman J. ACMT Position Statement: Off-Label Prescribing during COVID-19 Pandemic. *J Med Toxicol*. 2020 Jul;16(3):342-345. PMID: 32500283.
30. &Mozeika AM, Ruck BE, Nelson LS, Calello DP. Opioid-Associated Hearing Loss: A 20-Year Review from the New Jersey Poison Center. *J Med Toxicol*. 2020 Oct;16(4):416-422. PMID: 32468345
31. &Nelson LS, Keim SM, Ankel FK, Beeson MS, Calderon Y, Chudnofsky CR, Goyal DG, Gausche-Hill M; Research Committee, American Board of Emergency Medicine, Clark-Roumpz LA, Purosky RG, Johnston MM; American Board of Emergency Medicine. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2019-2020). *Ann Emerg Med*. 2020 May;75(5):648-667. PMID: 32336429.
32. &Mazer-Amirshahi M, Fox ER, Nelson LS, Smith SW, Stolbach AI. ACMT Position Statement on Prescription Drug Shortages. *J Med Toxicol*. 2020 Jul;16(3):349-351. PMID: 32297150.
33. &Mycyk MB, Siegelman JN, Nelson LS. The Vice Chair Position in Emergency Medicine Deserves Continued Support. *AEM Educ Train*. 2020 Mar 12;5(1):145-146. PMID: 33521504

34. &Strayer RJ, Hawk K, Hayes BD, Herring AA, Ketcham E, LaPietra AM, Lynch JJ, Motov S, Repanshek Z, Weiner SG, Nelson LS. Management of Opioid Use Disorder in the Emergency Department: A White Paper Prepared for the American Academy of Emergency Medicine. *J Emerg Med.* 2020 Mar;58(3):522-546. PMID: 32234267.
35. &Nelson LS, Mazer-Amirshahi M, Perrone J. Opioid Deprescribing in Emergency Medicine-A Tool in an Expanding Toolkit. *JAMA Netw Open.* 2020 Mar 2;3(3):e201129. PMID: 32211866.
36. &Nelson LS, Keim SM, Ankel FK, Beeson MS, Calderon Y, Chudnofsky CR, Goyal DG, Gausche-Hill M; Research Committee, American Board of Emergency Medicine, Clark-Roumpz LA, Purosky RG, Johnston MM; American Board of Emergency Medicine. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2019-2020). *Ann Emerg Med.* 2020 May;75(5):648-667. PMID: 32336429.
37. &Strayer RJ, Nelson LS. Opioid Prescribing From the Emergency Department: Number Needed to Harm Must Account for the Magnitude of Benefits and Harms. *Ann Emerg Med.* 2020 May;75(5):676. PMID:32336436.
38. &Zerbo E, Traba C, Matthew P, Chen S, Holland BK, Levounis P, Nelson LS, Lamba S. DATA 2000 waiver training for medical students: Lessons learned from a medical school experience. *Subst Abus.* 2020;41(4):463-467. PMID: 32031914.
39. &Kunzler NM, Wightman RS, Nelson LS. Opioid Withdrawal Precipitated by Long-Acting Antagonists. *J Emerg Med.* 2020 Feb;58(2):245-253. PMID: 32005608.
40. &Connors N, Kosnett MJ, Kulig K, Nelson LS, Stolbach AI. ACMT Position Statement: Interpretation of Urine for Tetrahydrocannabinol Metabolites. *J Med Toxicol.* 2020 Apr;16(2):240-242. PMID: 3193905.3.
41. &Carpenter J, Murray B, Mazer-Amirshahi M, Laes J, Nacca N, Nelson LS, Perrone J, Schwarz E, Wiegand T, Wax P. Leadership Roles in Opioid Stewardship and the Treatment of Patients with Opioid Use Disorder Among Medical Toxicologists. *J Med Toxicol.* 2020 Apr;16(2):204-211. PMID: 31863312
42. &Nelson LS, Duhigg LM, Arnold GK, Lipner RS, Harvey AL, Reisdorff EJ. The Association Between Maintaining American Board of Emergency Medicine Certification and State Medical Board Disciplinary Actions. *J Emerg Med.* 2019 Dec;57(6):772-779. PMID: 31607523.
43. &Fox L, Nelson LS. Emergency Department Initiation of Buprenorphine for Opioid Use Disorder: Current Status, and Future Potential. *CNS Drugs.* 2019 Dec;33(12):1147-1154. PMID: 31552608.
44. &Hassanian-Moghaddam H, Zamani N, Roberts DM, Brent J, McMartin K, Aaron C, Eddleston M, Dargan PI, Olson K, Nelson L, Bhalla A, Hantson P, Jacobsen D, Megarbane B, Balali-Mood M, Buckley NA, Zakharov S, Paasma R, Jarwani B, Mirafzal A, Salek T, Hovda KE. Consensus statements on the approach to patients in a methanol poisoning outbreak. *Clin Toxicol (Phila).* 2019 Dec;57(12):1129-1136. PMID: 31328583
45. &Strayer RJ, Herring AA, Nelson LS. Balancing Benefits and Harms on the Frontier of Buprenorphine Initiation. *Ann Emerg Med.* 2019 Sep;74(3):433-435. PMID: 31229393
46. &Dayaa JA, Bush M, Richmond NL, Nelson LS, Platts-Mills TF. Patient health literacy and the receipt of opioids in the emergency department. *J Opioid Manag.* 2019 Jul/Aug;15(4):267-271. PMID: 31637678.
47. &Marino R, Perrone J, Nelson LS, Wiegand TJ, Schwarz ES, Wax PM, Stolbach AI. ACMT Position Statement: Remove the Waiver Requirement for Prescribing Buprenorphine for Opioid Use Disorder. *J Med Toxicol.* 2019;15(4):307-309. PMID: 31414402
48. &Palamar JJ, Acosta P, Le A, Cleland CM, Nelson LS. Adverse drug-related effects among electronic dance music party attendees. *Int J Drug Policy.* 2019 Jul 23;73:81-87. PMID: 31349134
49. &Amirshahi MM, Moss MJ, Smith SW, Nelson LS, Stolbach AI. ACMT Position Statement: Addressing Pediatric Cannabis Exposure. *J Med Toxicol.* 2019 Jul;15(3):212-214. PMID: 30945126; PMCID: PMC6597667.
50. &Eggleston W, Stoppacher R, Suen K, Marraffa JM, Nelson LS. Kratom Use and Toxicities in the United States. *Pharmacotherapy.* 2019 Jul;39(7):775-777. PMID: 31099038

51. &Wax PM, Stolbach AI, Schwarz ES, Warrick BJ, Wiegand TJ, Nelson LS. ACMT Position Statement: Buprenorphine Administration in the Emergency Department. *J Med Toxicol.* 2019 Jul;15(3):215-216. PMID: 31087272
52. &Yu C, Eustaquio N, Calello DP, Ruck BE, Nelson LS, Santos C. Bismuth Subsalicylate Coagulopathy in a Patient with Chronic Liver Disease. *J Med Toxicol.* 2019 Jul;15(3):198-201. PMID: 31062178 Add to
53. &Green SM, Roback MG, Krauss BS, Miner JR, Schneider S, Kivela PD, Nelson LS, Chumpitazi CE, Fisher JD, Gesek D, Jackson B, Kamat P, Kowalenko T, Lewis B, Papo M, Phillips D, Ruff S, Runde D, Tobin T, Vafaie N, Vargo J 2nd, Walser E, Yealy DM, O'Connor RE. Unscheduled Procedural Sedation: A Multidisciplinary Consensus Practice Guideline. *Ann Emerg Med.* 2019 May;73(5):e51-e65. PMID: 31029297
54. &Herring AA, Perrone J, Nelson LS. Managing Opioid Withdrawal in the Emergency Department With Buprenorphine. *Ann Emerg Med.* 2019 May;73(5):481-487 PMID: 30616926
55. &Nelson LS, Keim SM, Beeson MS, Chudnofsky CR, Gausche-Hill M, Gorgas DL, Goyal DG, Kowalenko T, Muellemann RL; Research Committee, American Board of Emergency Medicine, Joldersma KB, Johnston MM; American Board of Emergency Medicine. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2018-2019). *Ann Emerg Med.* 2019 May;73(5):524-541. PMID: 31029288
56. &Amirshahi MM, Moss MJ, Smith SW, Nelson LS, Stolbach AI. ACMT Position Statement: Addressing Pediatric Cannabis Exposure. *J Med Toxicol.* 2019 Jul;15(3):212-214. PMID: 30945126
57. &Perrone J, Weiner SG, Nelson LS. Stewarding Recovery from the Opioid Crisis Through Health System Initiatives. *West J Emerg Med.* 2019 Mar;20(2):198-202. PMID: 30881536
58. &Lozo KW, Nelson LS, Ramdin C, Calello DP. Naloxone Deserts in NJ Cities: Sociodemographic Factors Which May Impact Retail Pharmacy Naloxone Availability. *J Med Toxicol.* 2019 Apr;15(2):108-111. PMID: 30805884
59. &Nelson LS. Are abuse-deterrent opioid formulations all they are crushed up to be? *Addiction.* 2019 Mar;114(3):401-402. PMID: 30397972
60. &Lee VR, Vera A, Alexander A, Ruck B, Nelson LS, Wax P, Campleman S, Brent J, Calello DP. Loperamide misuse to avoid opioid withdrawal and to achieve a euphoric effect: high doses and high risk. *Clin Toxicol (Phila).* 2019 Mar;57(3):175-180. PMID: 30585509
61. &Clarke DL, Drobatz KJ, Korzekwa C, Nelson LS, Perrone J. Trends in Opioid Prescribing and Dispensing by Veterinarians in Pennsylvania. *JAMA Netw Open.* 2019 Jan 4;2(1):e186950. PMID: 30646207
62. &Santos C, Adam A, Calello D, Nelson L. Safety of a Brief Emergency Department Observation Protocol for Patients With Presumed Fentanyl Overdose. *Ann Emerg Med.* 2019 Jan;73(1):99-100. PMID: 30577966
63. &Mazer-Amirshahi M, Ladkany D, Mullins PM, Motov S, Perrone J, Nelson LS, Pines JM. Trends in and predictors of hydromorphone administration in US emergency departments (2007-2014). *J Opioid Manag.* 2018 Jul/Aug;14(4):265-272. PMID: 30234923
64. &Rockett IRH, Caine ED, Stack S, Connery HS, Nolte KB, Lilly CL, Miller TR, Nelson LS, Putnam SL, Nestadt PS, Jia H. Method overtness, forensic autopsy, and the evidentiary suicide note: A multilevel National Violent Death Reporting System analysis. *PLoS One.* 2018 May 22;13(5):e0197805. doi: 10.1371/journal.pone.0197805. PMID: 29787584
65. &Nelson LS, Keim SM, Baren JM, Beeson MS, et al. for the American Board of Emergency Medicine. ABEM Report on Residency and Fellowship Training Information (2017-2018). *Ann Emerg Med.* 2018;71(5):636-648. PMID: 29681310
66. &Wightman RS, Nelson LS, Lee JD, Fox LM, Smith SW. Severe opioid withdrawal precipitated by Vivitrol®. *Am J Emerg Med.* 2018;36(6):1128.e1-1128 PMID: 29605483
67. &Mazer-Amirshahi M, Motov S, Nelson LS. Hydromorphone use for acute pain: Misconceptions, controversies, and risks. *J Opioid Manag.* 2018;14(1):61-71. PMID: 29508897
68. &Rockett IRH, Caine ED, Connery HS, D'Onofrio G, Gunnell DJ, Miller TR, Nolte KB, Kaplan MS, Kapusta ND, Lilly CL, Nelson LS, Putnam SL, Stack S, Värnik P, Webster LR, Jia H. Discerning suicide in drug intoxication

- deaths: Paucity and primacy of suicide notes and psychiatric history. *PLoS One*. 2018;13(1):e0190200. PMID: 29320540
69. Stolbach A, Bebarta V, Beuhler M, Carstairs S, Nelson L, Wahl M, Wax PM, McKay C. ACMT Position Statement: Alternative or Contingency Countermeasures for Acetylcholinesterase Inhibiting Agents. *J Med Toxicol*. 2018 Sep;14(3):261-263. PMID: 29667118
 70. Weiner SG, Baker O, Rodgers AF, Garner C, Nelson LS, Kreiner PW, Schuur JD. Opioid Prescriptions by Specialty in Ohio, 2010-2014. *Pain Med*. 2018;19(5):978-989. PMID: 28339965
 71. Mazer-Amirshahi M, Stolbach A, Nelson LS. ACMT Position Statement: Addressing the Rising Cost of Prescription Antidotes. *J Med Toxicol*. 2018;14(2):168-171 PMID: 29185196
 72. Nagel FW, Kattan JA, Mantha S, Nelson LS, Kunins HV, Paone D. Promoting Health Department Opioid-Prescribing Guidelines for New York City Emergency Departments: A Qualitative Evaluation. *J Public Health Manag Pract*. 2018; 24(4):306-309 PMID: 29084121
 73. Love JS, Perrone J, Nelson LS. Should Buprenorphine Be Administered to Patients with Opioid Withdrawal in the Emergency Department? *Ann Emerg Med*. 2017; 72(1):26-28. PMID: 29103795
 74. Cole JB, Nelson LS. Controversies and carfentanil: We have much to learn about the present state of opioid poisoning. *Am J Emerg Med*. 2017;35(11):1743-1745. PMID: 28851500
 75. Moss MJ, Warrick BJ, Nelson LS, McKay CA, Dubé PA, Gosselin S, Palmer RB, Stolbach AI. ACMT and AACT Position Statement: Preventing Occupational Fentanyl and Fentanyl Analog Exposure to Emergency Responders. *J Med Toxicol*. 2017;13(4):347-351. PMID: 28842825
 76. Chary M, Genes N, Giraud-Carrier C, Hanson C, Nelson LS, Manini AF. Epidemiology from Tweets: Estimating Misuse of Prescription Opioids in the USA from Social Media. *J Med Toxicol*. 2017;13(4):278-286. PMID: 28831738
 77. Lucyk SN, Nelson LS. Toxicosurveillance in the US opioid epidemic. *Int J Drug Policy*. 2017;46:168-171. PMID: 28735771
 78. Mazer-Amirshahi M, Motov S, Nelson L. The Contribution of the Emergency Department to Opioid Pain Reliever Misuse and Diversion: A Critical Review. [Letter]. *Pain Pract*. 2017;17(8):1122. PMID: 28557292
 79. Weiner SG, Baker O, Poon SJ, Rodgers AF, Garner C, Nelson LS, Schuur JD. The Effect of Opioid Prescribing Guidelines on Prescriptions by Emergency Physicians in Ohio. *Ann Emerg Med*. 2017 70(6):799-808 PMID: 28549620
 80. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2016-2017). Marco CA, Nelson LS, Baren JM, Beeson MS, Carius ML, Chudnofsky CR, Gausche-Hill M, Goyal DG, Keim SM, Kowalenko T, Muelleman RL. *Ann Emerg Med*. 2017 May;69(5):640-652. PMID: 28442084
 81. Strayer RJ, Motov SM, Nelson LS. Reply to: Caution using the new "no pain no gain" approach. *Am J Emerg Med*. 2017;35(10):1564 PMID: 28408052
 82. Wightman RS, Perrone J, Erowid F, Erowid E, Meisel ZF, Nelson LS. Comparative Analysis of Opioid Queries on Erowid.org: An Opportunity to Advance Harm Reduction. 2017 Aug 24;52(10):1315-1319. PMID: 28394703
 83. Neavyn MJ, Stolbach A, Greer DM, Nelson LS, Smith SW, Brent J, Tormoehlen LM; American College of Medical Toxicology. ACMT Position Statement: Determining Brain Death in Adults After Drug Overdose. *J Med Toxicol*. 2017;13(3):271-273 PMID: 28255927
 84. Wightman RS, Nelson LS. Has the die been cast? Discharge of body stuffers from the Emergency Department. *Eur J Emerg Med*. 2017 Feb;24(1):76. PMID: 27984370
 85. Pomerleau AC, Perrone J, Hoppe JA, Salzman M, Weiss PS, Nelson LS. Impact of Prior Therapeutic Opioid Use by Emergency Department Providers on Opioid Prescribing Decisions. *West J Emerg Med*. 2016 Nov;17(6):791-797. PMID: 27833690
 86. Strayer RJ, Motov SM, Nelson LS. Something for pain: Responsible opioid use in emergency medicine. *Am J Emerg Med*. 2017 Feb;35(2):337-341. PMID 27802876

87. Stolbach AI, Nelson LS. Choosing Opioid Policies Our Patients Can Live With. *Acad Emerg Med*. 2016 Nov;23(11):1290-1292. PMID: 27343859
88. Lucyk SN, Nelson LS. Novel Synthetic Opioids: An Opioid Epidemic Within an Opioid Epidemic. *Ann Emerg Med*. 2017 Jan;69(1):91-93. PMID: 27745765
89. Mazer-Amirshahi M, Mullins PM, Sun C, Pines JM, Nelson LS, Perrone J. Trends in Opioid Analgesic Use in Encounters Involving Physician Trainees in U.S. Emergency Departments. *Pain Med*. 2016 Dec;17(12):2389-2396. PMID: 28025373
90. Blum CJ, Nelson LS, Hoffman RS. A survey of Physicians' Perspectives on the New York State Mandatory Prescription Monitoring Program (ISTOP). *J Subst Abuse Treat*. 2016;70:35-43. PMID: 27692186
91. Rockett IR, Lilly CL, Jia H, Larkin GL, Miller TR, Nelson LS, Nolte KB, Putnam SL, Smith GS, Caine ED. Self-injury Mortality in the United States in the Early 21st Century: A Comparison with Proximally Ranked Diseases. *JAMA Psychiatry*. 2016 Oct 1;73(10):1072-1081. PMID: 27556270
92. Goett R, Todd KH, Nelson LS. Addressing the Challenge of Emergency Department Analgesia: Innovation in the Use of Opioid Alternatives. *J Pain Palliat Care Pharmacother*. 2016 Sep;30(3):225-7.
93. Wightman RS, Nelson LS. Opioid Prescribing: How Well Do We Know Ourselves? *J Med Toxicol*. 2016 Sep;12(3):221-3. PMID: 27492362
94. Poon SJ, Nelson LS, Hoppe JA, Perrone J, Sande MK, Yealy DM, Beeson MS, Todd KH, Motov SM, Weiner SG. Consensus-Based Recommendations for an Emergency Medicine Pain Management Curriculum. *J Emerg Med*. 2016 Aug;51(2):147-54. PMID: 27369855
95. Motov SM, Nelson LS. Advanced Concepts and Controversies in Emergency Department Pain Management. *Anesthesiol Clin*. 2016 Jun;34(2):271-85. PMID 27208710
96. Repplinger DJ, Hoffman RS, Nelson LS, Hines EQ, Howland M, Su MK. Lack of significant bleeding despite large acute rivaroxaban overdose confirmed with whole blood concentrations. *Clin Toxicol (Phila)*. 2016 Sep;54(8):647-9. PMID: 27251583
97. Connors NJ, Nelson LS. The Evolution of Recommended Naloxone Dosing for Opioid Overdose by Medical Specialty. *J Med Toxicol*. 2016 Sep;12(3):276-81. PMID: 27271032
98. Hayes BD, Nelson LS. Response to: Evaluation of Early Dexmedetomidine Addition to the Standard of Care for Severe Alcohol Withdrawal in the ICU: A Retrospective Controlled Cohort Study. [Letter] *Intensive Care Med*. 2016 Jun;31(5):353-4. PMID: 27139007
99. Connors NJ, Nelson LS. The Devil Is in the Details but the Details Are Not in NHAMCS. *J Med Toxicol*. 2016 Jun;12(2):145-7. PMID: 27083902
100. Gill JR, Vincent GA, Toriello A, Nelson LS. An Underestimation of Heroin Deaths Due to the Use of "Acute Opiate Intoxication" on Death Certificates. *Acad Forensic Pathol*. 2016;6:114-121.
101. Laskowski LK, Nelson LS, Smith SW, Hoffman RS. Authors' response to: Beta-blocker treatment of caffeine-induced tachydysrhythmias. [Letter] *Clin Toxicol (Phila)*. 2016 Jun;54(5):467. PMID: 27005678
102. Wightman RS, Howland MA, Nelson LS. Letter re: "Constipation Prophylaxis Is Rare for Adults Prescribed Outpatient Opioid Therapy From U.S. Emergency Departments." *Acad Emerg Med*. 2016;23(1):106. PMID: 26670717
103. Fernandez D, Nelson LS. In Response to: Comparison of Prothrombin Time and Aspartate Aminotransferase in Predicting Hepatotoxicity After Acetaminophen Overdose. [Letter] *J Med Toxicol*. 2016 Jun;12(2):217. PMID: 26574022
104. Pomerleau AC, Nelson LS, Hoppe JA, Salzman M, Weiss PS, Perrone J. The Impact of Prescription Drug Monitoring Programs and Prescribing Guidelines on Emergency Department Opioid Prescribing: A Multi-Center Survey. *Pain Med*. 2016 Mar 19. PMID: 26995800
105. Kim HK, Nelson LS. Reversal of Opioid-Induced Ventilatory Depression Using Low-Dose Naloxone (0.04 mg): a Case Series. *J Med Toxicol* 2016 Mar;12(1):107-10. PMID: 26289651
106. Nelson LS, Juurlink DN, Perrone J. Addressing the Opioid Epidemic. *JAMA* 2015;314:1453-4. PMID: 26461995

107. Greenwood-Ericksen MB, Poon SJ, Nelson LS, Weiner SG, Schuur JD. Best Practices for Prescription Drug Monitoring Programs in the Emergency Department Setting: Results of an Expert Panel. *Ann Emerg Med.* 2016 Jun;67(6):755-764 PMID: 26619757
108. Shutler L, Nelson LS, Portelli I, Blachford C, Perrone J. Drug Use in the Twittersphere: A Qualitative Contextual Analysis of Tweets About Prescription Drugs. *J Addict Dis* 2015;34(4):303-10. PMID: 26364675
109. Scott, KR, Nelson L, Meise Z, Perrone J. Opportunities for Exploring and Reducing Prescription Drug Abuse Through Social Media. *J Addict Dis* 2015 34(2-3):178-184 PMID: 26075802
110. Laskowski LK, Henesch JA, Nelson LS, Hoffman RS, Smith SW. Start me up! Recurrent ventricular tachydysrhythmias following intentional concentrated caffeine ingestion. *Clin Toxicol (Phila).* 2015 Sep;53(8):830-3. PMID: 26279469
111. Lucyk SN, Hoffman RS, Nelson LS, Fuentes M, Tavangarian K. Challenges with AST/ALT ratio in acetaminophen poisoning. 2015;53(7):786. PMID: 26216665
112. Wheeler-Martin K, Soghoian S, Prosser JM, Manini AF, Marker E, Stajic M, Prezant D, Nelson LS, Hoffman RS. Impact of Mandatory Carbon Monoxide Alarms: An Investigation of the Effects on Detection and Poisoning Rates in New York City. *Am J Public Health.* 2015 Aug;105(8):1623-9. PMID: 26066948
113. Hoppe JA, Nelson LS, Perrone J, Weiner SG; Prescribing Opioids Safely in the Emergency Department (POSED) Study Investigators. Opioid Prescribing in a Cross Section of US Emergency Departments. *Ann Emerg Med.* 2015 Sep;66(3):253-259. PMID: 25952503
114. Mazer-Amirshahi M, Hawley KL, Zocchi M, Fox E, Pines JM, Nelson LS. Drug shortages: Implications for medical toxicology. *Clin Toxicol (Phila).* 2015 Jul;53(6):519-24. PMID: 25951876
115. Smith-Coggins R, Marco CA, Baren JM, Beeson MS, Carius ML, Counselman FL, Heller BN, Kowalenko T, Muellemann RL, Nelson LS, Wahl RP, Korte RC, Joldersma KB; Research Committee, American Board of Emergency Medicine. American Board of Emergency Medicine report on residency training information (2014-2015). *Ann Emerg Med.* 2015 May;65(5):584-94. PMID: 25910762
116. Kim HK, Nelson LS. Reducing the harm of opioid overdose with the safe use of naloxone : a pharmacologic review. *Expert Opin Drug Saf.* 2015 Jul;14(7):1137-46. PMID: 25865597
117. Connors NJ, Sise ME, Nelson LS, Hoffman RS, Smith SW. Methotrexate toxicity treated with continuous venovenous hemofiltration, leucovorin and glucarpidase. *Clin Kidney J.* 2014 Dec;7(6):590-2. PMID: 25859377
118. Perrone J, Nelson LS, Yealy DM. Choosing Analgesics Wisely: What We Know (and Still Need to Know) About Long-Term Consequences of Opioids. *Ann Emerg Med.* 2015 May;65(5):500-2. PMID: 25749404
119. Livshits Z, Sampson BA, Howland MA, Hoffman RS, Nelson LS. Retained drugs in the gastrointestinal tracts of deceased victims of oral drug overdose *Clin Toxicol.* 2015 Feb;53(2):113-8 PMID: 25547175
120. Ridpath A, Driver CR, Nolan ML, Karpati A, Kass D, Paone D, Jakubowski A, Hoffman RS, Nelson LS, Kunins HV. Illnesses and deaths among persons attending an electronic dance-music festival – New York City, 2013. *MMWR Morb Mortal Wkly Rep.* 2014 Dec 19;63(50):1195-8. PMID: 25522087
121. Nelson LS, Juurlink DN. Tramadol and Hypoglycemia: One More Thing to Worry About. *JAMA Intern Med.* 2015 Feb;175(2):194-5. PMID: 25486516
122. Laskowski LK, Elbakoush F, Calvo J, Exantus-Bernard G, Fong J, Poklis JL, Poklis A, Nelson LS. Evolution of the NBOMes: 25C- and 25B- Sold as 25I-NBOMe. *J Med Toxicol.* 2015 Jun;11(2):237-41. PMID: 25387562
123. Jang DH, Donovan S, Nelson LS, Bania TC, Hoffman RS, Chu J. Efficacy of Methylene Blue in an Experimental Model of Calcium Channel Blocker-Induced Shock. *Ann Emerg Med.* 2015 Apr;65(4):410-5 PMID: 25441767
124. Fernández D, Legrand M, Abujaber S, Nelson LS. Letter in response to: The Vitamin B12 analog cobinamide is an effective hydrogen sulfide antidote in a lethal rabbit model. [Letter] *Clin Toxicol (Phila).* 2015 Jan;53(1):73. PMID: 25434814

125. Hoppe J, Howland MA, Nelson L. The Role of Pharmacies and Pharmacists in Managing Controlled Substance Dispensing. *Pain Med.* 2014 Dec;15(12):1996-8. PMID: 25138390
126. Takematsu M, Hoffman RS, Nelson LS, Schechter JM, Moran JH, Wiener SW. A case of acute cerebral ischemia following inhalation of a synthetic cannabinoid. *Clin Toxicol.* 2014 Nov;52(9):973-5. PMID: 25241766
127. Lucyk S, Hoffman RS, Nelson LS. Dexmedetomidine in addition to benzodiazepine-based sedation in patients with alcohol withdrawal delirium. *Eur J Emerg Med.* 2014 Oct;21(5):389-90. PMID: 25159176
128. Manning EP, Laskowski LK, Nelson LS, Touger M. Images in emergency medicine. Young woman with epigastric pain and vomiting. Ingestion of 35% hydrogen peroxide. *Ann Emerg Med.* 2014 Sep;64(3):330, 333. PMID: 25149968
129. Schwartz L, Mazzola N, Hoffman RS, Howland MA, Mercurio-Zappala M, Nelson LS. Evaluating Patients' Understanding of Printed Warfarin Medication Information. *J Pharm Pract.* 2015 Dec;28(6):518-22. PMID: 25147159
130. Mercurio EP, Taupin D, Takematsu M, Hoffman RS, Nelson LS. Issues related to the study of cannabinoids in exhaled breath. [Letter] *Clin Chem.* 2014 Sep;60(9):1235-6. PMID: 25037937
131. Smith-Coggins R, Baren JM, Beeson MS, Counselman FL, Kowalenko T, Marco CA, Muelleman RL, Nelson LS, Wahl RP, Korte RC. American Board of Emergency Medicine report on residency training information (2013-2014). *Ann Emerg Med.* 2014;63(5):637-45. PMID: 24746428
132. Mazer-Amirshahi M, Dewey K, Mullins PM, van den Anker J, Pines JM, Perrone J, Nelson L. Trends in opioid analgesic use for headaches in US emergency departments. *Am J Emerg Med.* 2014 Sep;32(9):1068-73. PMID: 25091873
133. Garlich FM, Balakrishnan K, Shah SK, Howland MA, Fong J, Nelson LS. Prolonged altered mental status and bradycardia following pediatric donepezil ingestion. *Clin Toxicol (Phila).* 2014 Apr;52(4):291-4. PMID: 24735001
134. Nguyen V, Nelson LS, Lenz K, Ung L. Part of the solution? Or part of the problem? Comments on clinician impression versus prescription drug monitoring program criteria in the assessment of drug-seeking behavior in the emergency department. *Ann Emerg Med.* 2014 Apr;63(4):500. PMID: 24655455
135. Connors NJ, Lucyk S, Nguyen V, Nelson LS. Articles you might have missed. *J Med Toxicol.* 2014;10(2):240-3. PMID: 24639197
136. Nelson LS, Perrone J, Juurlink DN. Painful decision-making at FDA. *Expert Opin Drug Saf.* 2014;13(4):407-10. PMID: 24597477
137. Nelson LS. Alcohol Withdrawal and Flumazenil: Not for the Faint of Heart. *J Med Toxicol.* 2014;10(2):123-5. PMID: 24595919
138. Hendricks KA, Wright ME, Shadomy SV, Workgroup on Anthrax Clinical Guidelines. Centers for Disease Control and Prevention expert panel meetings on prevention and treatment of anthrax in adults. *Emerg Infect Dis.* 2014;20(2). PMID: 24447897
139. Nelson LS, Loh M, Perrone J. Assuring Safety of Inherently Unsafe Medications: the FDA Risk Evaluation and Mitigation Strategies. *J Med Toxicol.* 2014;10(2):165-72. PMID: 24414251
140. Garlich FM, Goldman M, Pepe J, Nelson LS, Allan MJ, Goldstein DA, Goldfarb DS, Hoffman RS. Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-surfactant herbicide. *Clin Toxicol (Phila).* 2014;52(1):66-71. PMID: 24400933
141. Lucyk S, Vilensky D, Fok PT, Nelson LS. Reactivation of Plasma Butyrylcholinesterase by Pralidoxime Chloride in Patients Poisoned by WHO Class II Toxicity Organophosphorus Insecticides. *Toxicol Sci.* 2014 Apr;138(2):482. PMID: 24385419
142. Sud P, Nelson LS, Fleming E, Fennell SL. Assessment of serum S100B and neuron specific enolase levels to evaluate the neurotoxic effects of organic solvent exposure. *Clin Toxicol (Phila).* 2013 Dec;51(10):1244. PMID: 24138505

143. Stolbach A, Nelson LS, Hoffman RS. Protection of Patients From Physician Substance Misuse. *JAMA*. 2013;310(13):1402-1403. PMID: 24084929
144. Lapoint J, Perrone J, Nelson LS. Electronic Pharmacopoeia: A Missed Opportunity for Safe Opioid Prescribing Information? *J Med Toxicol*. 2014 Mar;10(1):15-8. PMID: 24081616
145. Cha YS, Kim H, Cho NH, Jung WJ, Kim YW, Kim TH, Kim OH, Cha KC, Lee KH, Hwang SO, Nelson LS. Pyrethroid poisoning: features and predictors of atypical presentations. *Emerg Med J*. 2014 Nov;31(11):899-903. PMID: 23959805
146. Hoppe J, Perrone J, Nelson LS. Being Judge and Jury: A New Skill for Emergency Physicians. *Ann Emerg Med*. 2013;62(4):290-2. PMID: 23948745
147. Sud P, Nelson LS, Bouchard M, Lee WW. Contribution of serum ethanol concentration to the osmol gap: a prospective volunteer study. *Clin Toxicol (Phila)*. 2013;51(8):810. PMID: 23937525
148. Wattana MK, Nelson LS, Todd KH. Prescription opioid guidelines and the emergency department. *J Pain Palliat Care Pharmacother*. 2013;27(2):155-62. PMID: 23713906
149. Chen BC, Sheth NR, Dadzie KA, Smith SW, Nelson LS, Hoffman RS, Winchester JF. Hemodialysis for the Treatment of Pulmonary Hemorrhage From Dabigatran Overdose. *Am J Kidney Dis*. 2013;62(3):591-4. PMID: 23597859
150. Davis GG, Nelson LS, Aiken SS, et al (the NAME and ACMT Expert Panel on Evaluating and Reporting Opioid Deaths). Recommendations for the Investigation, Diagnosis, and certification of drugs related to opioid drugs. *Acad Forensic Pathol* 2013;3:62-76.
151. Davis GG, Nelson LS, Aiken SS, et al. (the NAME and ACMT Expert Panel on Evaluating and Reporting Opioid Deaths). National Association of Medical Examiners Position Paper: Recommendations for the Investigation, Diagnosis, and Certification of Deaths Related to Opioid Drugs. *Acad Forensic Pathol* 2013;3:77-83.
152. Jang DH, Nelson LS, Hoffman RS. Methylene Blue for Distributive Shock: A Potential New Use of an Old Antidote. *J Med Toxicol*. 2013 Sep;9(3):242-9. PMID: 23580172
153. Shawn LK, Nelson LS. Case 39-2012: A man with alcoholism, recurrent seizures, and agitation. *N Engl J Med*. 2013 Mar 21;368(12):1163-4. PMID: 23514306
154. Weiner SG, Perrone J, Nelson LS. Centering the Pendulum: The Evolution of Emergency Medicine Opioid Prescribing Guidelines. *Ann Emerg Med*. 2013;62(3):241-3. PMID: 23541629
155. Connors NJ, Sekar K, Howland MA, Hoffman RS, Nelson LS. In response to: Detection of body packing by magnetic resonance imaging: a new diagnostic tool? [Letter] *Abdom Imaging*. 2013;38(4):879. PMID: 23494715
156. Warner M, Paulozzi LJ, Nolte KB, Davis GG, Nelson LS. State Variation in Certifying Manner of Death and Drugs Involved in Drug Intoxication Deaths. *Acad Forensic Pathol* 2013;3(2):231-237
157. Juurlink DN, Dhalla IA, Nelson LS. Improving opioid prescribing: the New York City recommendations. *JAMA*. 2013 Mar 6;309(9):879-80. PMID: 23462783
158. Sadeghi R, Agin K, Taherkhani M, Najm-Afshar L, Nelson LS, Abdollahi M, Shadnia S. Report of methamphetamine use and cardiomyopathy in three patients. *Daru*. 2012 Aug 30;20(1):20.
159. Sud P, Nelson LS, Novof J, Rogers RL. Randomized controlled study on the use of multiple-dose activated charcoal in patients with supratherapeutic phenytoin levels. *Clin Toxicol (Phila)*. 2013;51(1):58. PMID: 23163618
160. Gugelmann HM, Nelson LS. The prescription opioid epidemic: Repercussions on pediatric emergency medicine. *Clin Pediatr Emerg Med*. 2012;13(4):260-268.
161. Wiener SW, Olmedo R, Howland M, Nelson L, Hoffman R. Ethanol elimination kinetics following massive ingestion in an ethanol naive child. *Hum Exp Toxicol*. 2012;32(7):775-7. PMID: 23263851
162. Kim HK, Smiddy M, Hoffman RS, Nelson LS. Buprenorphine may not be as safe as you think: a pediatric fatality from unintentional exposure. *Pediatrics*. 2012;130(6):e1700-3. PMID: 23129079

163. Kim HK, Nelson LS. Management of opioid analgesic overdose. [letter] *N Engl J Med*. 2012;367(14):1371-2. PMID: 23034042
164. Jang DH, Hoffman RS, Nelson LS. A Case of near-fatal flecainide overdose in a neonate successfully treated with sodium bicarbonate. *J Emerg Med* 2012. PMID: 22981658
165. Chen BC, Viny AD, Garlich FM, Basciano P, Howland MA, Smith SW, Hoffman RS, Nelson LS. Hemorrhagic complications associated with dabigatran use. *Clin Toxicol (Phila)*. 2012;50(9):854-7. PMID: 22970730
166. Gugelmann H, Perrone J, Nelson L. Windmills and Pill Mills: Can PDMPs Tilt the Prescription Drug Epidemic? *J Med Toxicol*. 2012;8(4):378-86. PMID: 23180357
167. Wightman R, Perrone J, Portelli I, Nelson L. Likeability and abuse liability of commonly prescribed opioids. *J Med Toxicol*. 2012;8(4):335-40. PMID: 22992943
168. Perrone J, Deroos FJ, Nelson LS. Prescribing practices, knowledge, and use of prescription drug monitoring programs (PDMP) by a national sample of medical toxicologists, 2012. & *J Med Toxicol*. 2012;8(4):341-52. PMID: 22895794 &
169. Nelson LS, Perrone J. Curbing the opioid epidemic in the United States: The risk evaluation and mitigation strategy (REMS). *JAMA*. 2012;308(5):457-8.
170. Cantrill SV, Brown MD, Carlisle RJ, Delaney KA, Hays DP, Nelson LS, O'Connor RE, Papa A, Sporer KA, Todd KH, Whitson RR. Clinical policy: critical issues in the prescribing of opioids for adult patients in the emergency department. *Ann Emerg Med*. 2012;60(4):499-525. PMID: 23010181
171. Nelson LS, Paulozzi LJ. The Toxicology Tower of Babel: Why we need to agree on a lexicon in prescription opioid research. *J Med Toxicol*. 2012;8(4):331-2. PMID: 22996136
172. Manini AF, Nelson LS, Stimmel B, Vlahov D, Hoffman RS. Incidence of Adverse Cardiovascular Events in Adults Following Drug Overdose. *Acad Emerg Med*. 2012;19(7):843-849. PMID: 22725631
173. Gill JR, Lin PT, Nelson L. Reliability of postmortem fentanyl concentrations in determining the cause of death. *J Med Toxicol*. 2012;9(1):34-41. PMID: 22890811
174. Perrone J, Nelson LS. Medication reconciliation for controlled substances - An "ideal" prescription-drug monitoring program. *N Engl J Med*. 2012 ;366(25):2341-3. PMID: 22646509
175. Nelson LS, Baker BA, Osterhoudt KC, Snook CP; The Medical Toxicology Core Content Task Force for the Medical Toxicology Subboard, Keehbauch JN; for the American Board of Emergency Medicine. The 2012 Core Content of Medical Toxicology. *J Med Toxicol*. 2012;8(2):183-191. PMID: 22644648
176. Soltaninejad K, Nelson LS, Bahreini SA, Shadnia S. Fatal aluminum phosphide poisoning in Tehran-Iran from 2007 to 2010. *Indian J Med Sci*. 2012 Mar-Apr;66(3-4):66-70. PMID: 23603623
177. Rivers CM, Olsen D, Nelson LS. Breastfeeding and oxycodone. [Letter] *J Pediatr*. 2012;161(1):174. PMID: 22575254
178. Prosser JM, Nelson LS. The toxicology of bath salts: A review of synthetic cathinones. *J Med Toxicol*. 2012;8(1):33-42. PMID: 22108839
179. Lapoint J, James LP, Moran CL, Nelson LS, Hoffman RS, Moran JH. Severe toxicity following synthetic cannabinoid ingestion. *Clin Toxicol (Phila)*. 2011;49(8):760-4. PMID: 21970775
180. Livshits Z, Lee S, Hoffman RS, Nelson LS, Esteban-Cruciani N. Zidovudine (AZT) overdose in a healthy newborn receiving postnatal prophylaxis. *Clin Toxicol (Phila)*. 2011;49(8):747-9. PMID: 21867364
181. Soltaninejad K, Nelson LS, Khodakarim N, Dadvar Z, Shadnia S. Unusual complication of aluminum phosphide poisoning: Development of hemolysis and methemoglobinemia and its successful treatment. *Indian J Crit Care Med*. 2011;15(2):117-9. PMID: 21740038
182. Chimalakonda KC, Moran CL, Kennedy PD, Endres GW, Uzieblo A, Dobrowolski PJ, Fifer EK, Lapoint J, Nelson LS, Hoffman RS, James LP, Radomska-Pandya A, Moran JH. Solid-phase extraction and quantitative measurement of omega and omega-1 metabolites of JWH-018 and JWH-073 in human urine. *Anal Chem*. 2011;83(16):6381-8. PMID: 21740038

183. Livshits Z, Feng Q, Chowdhury F, Amdo TD, Nelson LS, Hoffman RS. Life-threatening bupropion ingestion: is there a role for intravenous fat emulsion? *Basic Clin Pharmacol Toxicol.* 2011;109(5):418-22. PMID: 21726409
184. Manini AF, Nelson LS, Hoffman RS. Prognostic utility of serum potassium in chronic digoxin toxicity: a case-control study. *Am J Cardiovasc Drugs.* 2011;11(3):173-8. PMID: 21619380
185. Farmer BM, Nelson LS. Conflicts of Interest on Pharmacy and Therapeutics Committees at academic medical centers. *J Med Toxicol.* 2011;7(2):175-6. PMID: 21452075
186. Perrone J, Nelson LS. Pharmacy and Therapeutics Committees: Leadership opportunities in medication safety for medical toxicologists. *J Med Toxicol.* 2011;7(2):99-102. PMID: 21442385
187. Jang DH, Nelson LS, Hoffman RS. Methylene blue in the treatment of refractory shock from an amlodipine overdose. *Ann Emerg Med.* 2011. PMID: 21546119
188. Jang DH, Hoffman RS, Nelson LS, Chu J, Bhanot K, Bagley W. Fatal outcome of a propoxyphene/acetaminophen (Darvocet) overdose: should it still be used in the United States? *Ann Emerg Med.* 2011;57(4):421-2. PMID: 21453827
189. Manini AF, Nelson LS, Olsen D, Vlahov D, Hoffman RS. Medical examiner and medical toxicologist agreement on cause of death. *Forensic Sci Int.* 2011;206(1-3):71-6. PMID: 20655675
190. Livshits Z, Hoffman RS, Hymes KB, Nelson LS. If vitamins could kill: massive hemolysis following naturopathic vitamin infusion. *J Med Toxicol.* 2011;7(3):224-6. PMID: 21336800
191. Prosser JM, Smith SW, Rhim ES, Olsen D, Nelson LS, Hoffman RS. Inaccuracy of ECG interpretations reported to the poison center. *Ann Emerg Med.* 2011;57(2):122-7. PMID: 21050623
192. Moin-Azad Tehrani MS, Soltaninejad K, Yazdani S, Nelson LS, Shadnia S. Bilateral loculated pleural effusion as a manifestation of acute parenteral organophosphate intoxication. *J Emerg Med.* 2011;41(6):630-4. PMID: 21336800
193. Jang DH, Tolchin B, Bruccoleri RE, Nelson LS. Response to: Benefit effect of naloxone in benzodiazepines intoxication: Findings of a preliminary study. [Letter] *Hum Exp Toxicol.* 2011;30(4):343. PMID: 21056948
194. Jang DH, Manini AF, Trueger NS, Duque D, Nestor NB, Nelson LS, Hoffman RS. Status epilepticus and wide-complex tachycardia secondary to diphenhydramine overdose. *Clin Toxicol (Phila).* 2010;48(9):945-8. PMID: 21171853
195. Farmer BM, Nelson LS, Graham ME, Bendzans C, McCrillis AM, Portelli I, Zhang M, Goldberg J, Rosenberg SD, Goldfrank LR, Tunik M. Developing a consensus framework and risk profile for agents of opportunity in academic medical centers: Implications for public health preparedness. *Disaster Med Public Health Prep.* 2010;4(4):318-325. PMID: 21149234
196. Graham ME, Tunik MG, Farmer BM, Bendzans C, McCrillis AM, Nelson LS, Portelli I, Smith S, Goldberg JD, Zhang M, Rosenberg SD, Goldfrank LR. Agent of opportunity risk mitigation: People, engineering, and security efficacy. *Disaster Med Public Health Prep.* 2010;4(4):291-299. PMID: 21149230
197. Shy BD, Portelli I, Nelson LS. Emergency medicine residents' use of psychostimulants and sedatives to aid in shift work. *Am J Emerg Med.* 2011 Nov;29(9):1034-6. PMID: 20708878
198. Prosser JM, Jones BE, Nelson L. Complications of oral exposure to fentanyl transdermal delivery system patches. *J Med Toxicol.* 2010;6(4):443-7. PMID: 20532845
199. Hernandez SH, Nelson LS. Prescription drug abuse: insight into the epidemic. *Clin Pharmacol Ther.* 2010;88(3):307-17. PMID: 20686478
200. Jang DH, Nelson LS. Images in emergency medicine. Woman with unresponsiveness. Pesticide poisoning. *Ann Emerg Med.* 2010;56(2):201, 207. PMID: 20643271
201. Jang DH, Nelson LS, Hoffman RS. Images in toxicology: girl with constipation. *Clin Toxicol (Phila).* 2010;48(5):468. PMID: 20614495
202. Jang DH, Hoffman RS, Nelson LS. Attempted Suicide, by Mail Order: *Abrus precatorius*. *J Med Toxicol.* 2010;6(4):427-30. PMID: 20563676

203. White SR, Baker B, Baum CR, Harvey A, Korte R, Avery AN, Nelson L, Osterhoudt K, Snook C, Williams S. 2007 Survey of medical toxicology practice. *J Med Toxicol.* 2010 Sep;6(3):281-5. PMID: 20354919
204. White SR, Baker B, Baum CR, Harvey A, Korte R, Avery AN, Nelson L, Osterhoudt K, Snook C, Williams S. 2007 Survey of medical toxicology practice improvement activities. *J Med Toxicol.* 2010 Sep;6(3):286-93. PMID: 20237967
205. Jang DH, Nelson LS, Hoffman RS. Tryptase serum level as a possible indicator of scombroid syndrome. *Clin Toxicol (Phila).* 2010;48(5):474 PMID: 20515401.
206. Jang DH, Nelson LS, Hoffman RS. Hydroxocobalamin and sodium thiosulfate versus sodium nitrite and sodium thiosulfate in acute cyanide toxicity [letter]. *Ann Emerg Med.* 2010;55(6):582. PMID: 20494232.
207. Fertel BS, Nelson LS, Goldfarb DS. Extracorporeal removal techniques for the poisoned patient: a review for the intensivist. *J Intensive Care Med.* 2010;25(3):139-48. PMID: 20444738.
208. Lugassy DM, Stefan A, Dexeus D, Hoffman RS, Nelson LS. Levosimendan as a rescue drug in experimental propranolol-induced myocardial depression: a randomized study [letter]. *Ann Emerg Med.* 2010;55(5):486. PMID: 20417387.
209. Lugassy DM, Farmer BM, Nelson LS. Metabolic and hepatobiliary side effects of antiretroviral therapy (ART). *Emerg Med Clin North Am.* 2010;28(2):409-19. PMID: 20413022.
210. Manini AF, Nelson LS, Skolnick AH, Slater W, Hoffman RS. Electrocardiographic predictors of adverse cardiovascular events in suspected poisoning. *J Med Toxicol.* 2010;6(2):106-15. PMID: 20361362.
211. Jang DH, Rohe JC, Hoffman RS, Nelson LS. Severe opioid withdrawal due to misuse of new combined morphine and naltrexone product (Embeda). *Ann Emerg Med* 2010;55:303-4.
212. Wears RL, Nelson LS. Believing Is Seeing. [Editorial] *Ann Emerg Med* 2010;55(6):511-2. PMID: 20133014
213. Soghoian S, Hoffman RS, Nelson L. Unintentional i.v. injection of barium sulfate in a child. *Am J Health Syst Pharm.* 2010 May 1;67(9):734-6. PMID: 20410548
214. Nelson L, Schwaner R. Transdermal fentanyl: pharmacology and toxicology. *J Med Toxicol.* 2009;5:230-4. PMID: 19876859
215. Kirrane BM, Olmedo RE, Nelson LS, Mercurio-Zappala M, Howland MA, Hoffman RS. Inconsistent approach to the treatment of chronic digoxin toxicity in the United States. & *Hum Exp Toxicol.* 2009;28(5):285-92. PMID: 19755460 &
216. Lugassy D, Nelson L. Case files of the medical toxicology fellowship at the NYCPCC: Bromism: forgotten, but not gone. *J Med Toxicol.* 2009;5(3):151-7. PMID: 19655290
217. Prosser JM, Majlesi N, Chan GM, Olsen D, Hoffman RS, Nelson LS. Adverse effects associated with arginine alpha-ketoglutarate containing supplements. *Hum Exp Toxicol.* 2009;28(5):259-62. PMID: 19755457
218. Regan LA, Hoffman RS, Nelson LS. Slower infusion of metoclopramide decreases the rate of akathisia. *Am J Emerg Med.* 2009;27:475-480. PMID: 19555621
219. Majlesi N, Olsen A, Krishnan GP, Olsen D, Nelson L. Hepatotoxicity despite early administration of intravenous N-acetylcysteine for acute acetaminophen overdose. [Letter] *Acad Emerg Med.* 2009;16:574. PMID: 19426297
220. Smith SW, Portelli I, Narzisi G, Nelson LS, Menges F, Rekow ED, Mincer JS, Mishra B, Goldfrank LR. A novel approach to multihazard modeling and simulation. *Disaster Med Public Health Prep.* 2009;3:75-87. PMID: 19491602
221. Manini AF, Hoffman RS, McMartin KE, Nelson LS. Relationship between serum glycolate and falsely elevated lactate in severe ethylene glycol poisoning. *J Anal Toxicol.* 2009;33:174-6. PMID: 19371468
222. Schaumburg HH, Gellido C, Smith SW, Nelson LS, Hoffman RS. Elemental mercury neurotoxicity from self-injection. *Neurology.* 2009;72:377-378. PMID: 19171837
223. Kirrane BM, Duthie EA, Nelson LS. Unrecognized hypoglycemia due to maltodextrin interference with bedside glucometry. *J Med Toxicol* 2009;5:20-3. PMID: 19191212

224. Chan GM, Hoffman RS, Gold JA, Whiteman PJ, Goldfrank LR, Nelson LS. Racial variations in the incidence of severe alcohol withdrawal. *J Med Toxicol*. 2009;5:8-14. PMID: 19191209
225. Smith SW, Graber NM, Johnson RC, Barr JR, Hoffman RS, Nelson LS. Multisystem organ failure after large volume injection of castor oil. *Ann Plast Surg*. 2009;62(1):12-14. PMID: 19131711
226. Lin TJ, Nelson LS, Tsai JL, Hung DZ, Hu SC, Chan HM, Deng JF. Common toxidromes of plant poisonings in Taiwan. *Clin Toxicol (Phila)*. 2009;47:161-168. PMID: 18788001
227. Majlesi N, Hoffman RS, Nelson L. Predictors of mortality in patients with delirium tremens. [Letter] *Acad Emerg Med*. 2009;16:92.
228. Long H, Nelson LS, Hoffman RS. A rapid qualitative test for suspected ethylene glycol poisoning. *Acad Emerg Med*. 2008;15:688-90. PMID: 19086326
229. Strayer RJ, Nelson LS. Adverse events associated with ketamine for procedural sedation in adults. *Am J Emerg Med*. 2008;26: 985-1028. PMID: 19091264
230. Manini A, Labinson RM, Kirrane B, Hoffman RS, Rao R, Stajic M, Nelson LS. A novel neuromuscular syndrome associated with clenbuterol-tainted heroin. *Clin Toxicol (Phila)*. 2008;46:1088-92. PMID: 19016097
231. Hoffman RS, Kirrane BM, Marcus SM; Clenbuterol Study Investigators. A descriptive study of an outbreak of clenbuterol-containing heroin. *Ann Emerg Med*. 2008;52(5):548-53. PMID: 18501476
232. Stolbach AI, Hoffman RS, Nelson LS. Mechanical ventilation was associated with acidemia in a case series of salicylate-poisoned patients. *Acad Emerg Med*. 2008;15:866-9. PMID: 18821862
233. Holubek WJ, Hoffman RS, Goldfarb DS, Nelson LS. Use of hemodialysis and hemoperfusion in poisoned patients. *Kidney Int*. 2008;74:1327-34. PMID: 18800032
234. Smith SW, Giesbrecht E, Thompson M, Nelson LS, Hoffman RS. Solanaceous steroidal glycoalkaloids and poisoning by *Solanum torvum*, the normally edible susumber berry. *Toxicol*. 2008;52:667-76. PMID: 18725244
235. Fertel BS, Nelson LS, Goldfarb DS. The underutilization of hemodialysis in patients with salicylate poisoning. *Kidney Int*. 2009;75:1349-53. PMID: 18716600
236. Kam AJ, Manini AF, Nelson LS. First, remove the offending agent. [Letter] *Am J Cardiol*. 2008;102:370-1. PMID: 18638606
237. Smith SW, Howland MA, Hoffman RS, Nelson LS. Acetaminophen overdose with altered acetaminophen pharmacokinetics and hepatotoxicity associated with premature cessation of intravenous N-acetylcysteine therapy. *Ann Pharmacother*. 2008;42:1333-9. PMID: 18628444
238. Manoguerra AS, Erdman AR, Woolf AD, Chyka PA, Martin Caravati E, Scharman EJ, Booze LL, Christianson G, Nelson LS, Cobaugh DJ, Troutman WG. Valproic acid poisoning: An evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2008;46:661-76. PMID: 18608263
239. Smith SW, Nelson LS. Antidotal strategies for the management of methotrexate toxicity. *J Med Toxicol*. 2008;4:132-40. PMID: 18570175
240. Smith SW, Ferguson KL, Hoffman RS, Nelson LS, Greller HA. Prolonged severe hypotension following combined amlodipine and valsartan ingestion. *Clin Toxicol (Phila)*. 2008;46:470-4. PMID: 18568804
241. Manini AF, Hoffman RS, Nelson LS. Alcoholic ketoacidosis in an 11-year-old boy. *Pediatr Emerg Care*. 2008;24:170-1. PMID: 18347497
242. Cobaugh DJ, Erdman AR, Booze LL, Scharman EJ, Christianson G, Manoguerra AS, Caravati EM, Chyka PA, Woolf AD, Nelson LS, Troutman WG. Atypical antipsychotic medication poisoning: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45:918-42. PMID: 18163235
243. Caravati EM, Erdman AR, Christianson G, Nelson LS, Woolf AD, Booze LL, Cobaugh DJ, Chyka PA, Scharman EJ, Manoguerra AS, Troutman WG. Elemental mercury exposure: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2008;46:1-21. PMID: 18167033

244. Manini AF, Raspberry D, Hoffman RS, Nelson LS. QT Prolongation and Torsades de Pointes Following Overdose of Ziprasidone and Amantadine. *J Med Toxicol*. 2007;3:178-81. PMID: 18072173
245. Chachkes E, Nelson L, Portelli I, Woodrow R, Bloch R, Goldfrank LR (2008) Organizational Safety Net: An evaluation of an academic setting. *J Bus Cont Emerg Plan* 2008;2: (*in press*)
246. Hoffman RJ, Hahn IH, Shen JM, Protic J, Nelson LS. In vitro-activated charcoal binding of staphylococcal enterotoxin B. *Clin Toxicol* . 2007;45:773-775. PMID: 17924253
247. Scharman EJ, Erdman AR, Cobaugh DJ, Olson KR, Woolf AD, Caravati EM, Chyka PA, Booze LL, Manoguerra AS, Nelson LS, Christianson G, Troutman WG. Methylphenidate poisoning: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45:737-52.
248. Chyka PA, Erdman AR, Manoguerra AS, Christianson G, Booze LL, Nelson LS, Woolf AD, Cobaugh DJ, Caravati EM, Scharman EJ, Troutman WG. Dextromethorphan poisoning: An evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45(6):662-77.
249. Amores E, Forde-Baker J, Ginsburg BY, Nelson LS. Cytochrome-C oxidase inhibition in 26 aluminum phosphide poisoned patients (letter). *Clin Toxicol (Phila)*. 2007;45:461. PMID: 17503245
250. Nelson LS, Erdman AR, Booze LL, Cobaugh DJ, Chyka PA, Woolf AD, Scharman EJ, Wax PM, Manoguerra AS, Christianson G, Caravati EM, Troutman WG. Selective serotonin reuptake inhibitor poisoning: An evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45(4):315-32.
251. Noseworthy S, Truitt C, Ginsburg BY, Nelson LS. Formation of methanol and formate in Wister rats after oral administration of methylated rapeseed oil: a fuel for lamps. *Clin Toxicol (Phila)*. 2007;45:312 (Letter)
252. Woolf AD, Erdman AR, Nelson LS, Caravati EM, Cobaugh DJ, Booze LL, Wax PM, Manoguerra AS, Scharman EJ, Olson KR, Chyka PA, Christianson G, Troutman WG. American Association of Poison Control Centers. Tricyclic antidepressant poisoning: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45(3):203-33.
253. Chyka PA, Erdman AR, Christianson G, Wax PM, Booze LL, Manoguerra AS, Caravati EM, Nelson LS, Olson KR, Cobaugh DJ, Scharman EJ, Woolf AD, Troutman WG. Salicylate poisoning: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45(2):95-131.
254. Caravati EM, Erdman AR, Scharman EJ, Woolf AD, Chyka PA, Cobaugh DJ, Wax PM, Manoguerra AS, Christianson G, Nelson LS, Olson KR, Booze LL, Troutman WG. Long-acting anticoagulant rodenticide poisoning: an evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)*. 2007;45(1):1-22.
255. Gold JA, Rimal B, Nolan A, Nelson LS. A strategy of escalating doses of benzodiazepines and phenobarbital administration reduces the need for mechanical ventilation in delirium tremens. *Crit Care Med*. 2007;35(3):724-30.
256. Manini A, Smith S, Moskovitz J, Nelson L. Application of pharmacokinetic-pharmacodynamic modeling in management of QT abnormalities after citalopram overdose. *Intensive Care Med*. 2007;33(4):738.
257. Barreuto, F, Kirrane BM, Cotter B, Hoffman RS, Nelson LS. Cardioactive steroid poisoning: A comparison of plant- and animal-derived compounds. *J Med Toxicol*. 2006;2:152-156. PMID: 18072135
258. Kirrane BM, Nelson LS, Hoffman RS. Massive strontium ferrite ingestion without acute toxicity. *Basic Clin Pharmacol Toxicol*. 2006;99:358-9.
259. Holubek WJ, Nelson LS. Acetaminophen protein adducts: is acetaminophen to blame? *Gastroenterology*. 2006;131:1360.
260. Smollin C, Nelson LS. Publication of abstracts presented at 2001 NACCT. *J Med Toxicol*. 2006;2:97-100.
261. Chan GM, Sharma R, Price D, Hoffman RS, Nelson LS. Phentolamine therapy for cocaine-associated acute coronary syndrome. *J Med Toxicol*. 2006;2:108-111.
262. Nelson L. Acute cyanide toxicity: mechanisms and manifestations. *J Emerg Nurs*. 2006;32:S8-11.

263. Shalkham AS, Kirrane BM, Hoffman RS, Goldfarb DS, Nelson LS. The availability and use of charcoal hemoperfusion in the treatment of poisoned patients. *Am J Kidney Dis* 2006;48:239-41.
264. Hack JB, Hoffman RS, Nelson LS. Resistant Alcohol Withdrawal: Does an unexpectedly large sedative requirement identify these patients early? *J Med Toxicol.* 2006;2: 55-9. PMID: 18072114
265. Manoguerra AS, Erdman AR, Wax PM, Nelson LS, et al. Camphor Poisoning: an Evidence-Based Practice Guideline for Out-of-Hospital Management. *Clin Toxicol (Phila).* 2006;44:357-70.
266. Scharman EJ, Erdman AR, Wax PM, et al. Diphenhydramine and dimenhydrinate poisoning: An evidence-based consensus guideline for out-of-hospital management. *Clin Toxicol (Phila)* 2006;44:205-23.
267. Chan GM, Stajic M, Marker EK, Hoffman RS, Nelson LS. Testing positive for methadone and either a tricyclic antidepressant or a benzodiazepine is associated with an accidental overdose death: Analysis of medical examiner data. *Acad Emerg Med.* 2006;13:543-7.
268. Ginsburg BY, Porter R, Nelson LS. Is acidosis commonly seen in patients with elevated ethanol levels? *Clin Toxicol (Phila).* 2006;44:193.
269. Fulton JA, Kahn J, Nelson LS, Hoffman RS. Renal infarction during the use of rizatriptan and zolmitriptan: two case reports. *Clin Toxicol (Phila).* 2006;44:177-80.
270. Whitlow KS, Belson M, Barrueto F, Nelson L, Henderson AK. Tetramethylenedisulfotetramine: old agent and new terror. *Ann Emerg Med.* 2005;45:609-13
271. Fulton JA, Hoffman RS, Nelson LS. Tiagabine Overdose: A case of status epilepticus in a non-epileptic patient. *Clin Toxicol.* 2005; 43:869–871.
272. Barrueto F, Wang-Flores HH, Howland MA, Hoffman RS, Nelson LS. Acute vitamin D intoxication in a child. *Pediatrics.* 2005;116(3):e453-6.
273. Hahn IH, Schnadower D, Dakin RJ, Nelson LS. Cellular phone interference as a cause of acute epinephrine poisoning. *Ann Emerg Med.* 2005;46:298-9.
274. Centers for Disease Control and Prevention (CDC). Atypical reactions associated with heroin use: Five states, January-April 2005. *MMWR Morb Mortal Wkly Rep.* 2005;54:793-6.
275. Barrueto F, Chuang A, Cotter BW, Hoffman RS, Nelson LS. Amiodarone fails to improve survival in amitriptyline-poisoned mice. *J Toxicol Clin Toxicol.* 2005;43:147-9.
276. Bouchard NC, Howland MA, Greller HA, Hoffman RS, Nelson LS. Ischemic stroke associated with use of an ephedra-free dietary supplement containing synephrine. *Mayo Clin Proc.* 2005;80:541-5.
277. Fulton JA, Nelson LS. Medication labeling errors in non-English-speaking patients. *Ann Pharmacother.* 2005;39:386-7
278. Greller HA, McDonagh J, Hoffman RS, Nelson LS. Use of ultrasound in the detection of intestinal drug smuggling. *Eur Radiol.* 2005;14:193

[Publications prior to 2005 are available on request (#96)]

OTHER PUBLICATIONS (NON-PEER REVIEWED)

- New England Journal of Medicine. NEJM Resident 360. Moderated Discussion Panel Expert Contributor. Physician Wellness (2018); Addiction and Pain Control (2017)
- Editor, monthly series entitled: Case Studies in Toxicology (in Emergency Medicine), 2000-present (entitled The Toxic Emergency from 2000-2009)
- Lucyk S, Nelson LS. Fentanyl: Adding Fuel to the Fire in the North American Opioid Epidemic. *Academic Life in Emergency Medicine (ALiEM)*. Feb 29, 2016.
- Nelson LS, et al. Draft CDC Opioid Guideline: Pain Medicine Experts Discuss. *Pain Medicine News*. Feb 22, 2016.
- Yang A, Nelson LS. Wrong-Time Error With High-Alert Medication. AHRQ PSNet, Morbidity and Mortality Rounds. <https://psnet.ahrq.gov/webmm/case/385/wrong-time-error-with-high-alert-medication>

Tatusov M, Mazer- Amirshahi MA, Nelson LS, Pines JM. Six Things Every EP Needs to Know About K2/Spice & the Synthetic Cannabinoid Epidemic. *Emergency Physician Monthly*. November 2015

Nelson LS. Considering a Medical Toxicology Fellowship? *Academic Life in Emergency Medicine (ALiEM)*. July 23, 2015

Nelson LS, Rivers CM, Schraga ED, Pennardt A. Hydrogen Cyanide Poisoning. *Medscape*. Updated December 20, 2013. Available at: <http://emedicine.medscape.com/article/832840-overview>.

Nelson L, Odujebe O. Cocaine: Acute intoxication. *UpToDate*. www.uptodate.com/contents/cocaine-acute-intoxication. Last updated, January 2014.

BOOK CHAPTERS

1. &LaPietra A, Motov S, Nelson LS. Practical Implementation of Opioid Reduction Initiatives. In: Strauss and Mayer's *Emergency Department Management*, 2nd Edition. Editor: Strauss RS, Mayer T. McGrawHill, New York. 2021.
2. &Soghoian S, Nelson LS. Dietary Supplements. In: Wolfson AB, Cloutier RL, Hendey GW, et al. *Harwood-Nuss' Clinical Practice of Emergency Medicine*, 7th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2021
3. &Jacob J, Nelson LS. Drug Withdrawal. In: Wolfson AB, Cloutier RL, Hendey GW, et al. *Harwood-Nuss' Clinical Practice of Emergency Medicine*, 7th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2021
4. &Santos S, Nelson LS. Opioids. In: Wolfson AB, Cloutier RL, Hendey GW, et al. *Harwood-Nuss' Clinical Practice of Emergency Medicine*, 7th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2021
5. &Connors NJ, Nelson LS: Dyshemoglobinemias. In: Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski S, Eds. *Tintinalli Emergency Medicine*, 9th Edition. McGraw-Hill. New York. 2020
6. &Garcia ECM, Nelson LS: Metals and Metalloids. In: Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski S, Eds. *Tintinalli Emergency Medicine*, 9th Edition. McGraw-Hill. New York. 2020
7. &Wightman RS, Nelson LS: Acetaminophen. In: Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski S, Eds. *Tintinalli Emergency Medicine*, 9th Edition. McGraw-Hill. New York. 2020
8. &Hernandez SH, Nelson LS: Iron poisoning. In: Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski S, Eds. *Tintinalli Emergency Medicine*, 9th Edition. McGraw-Hill. New York. 2020
9. &Chen BC, Nelson LS: Poisonous plants. In: Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski S, Eds. *Tintinalli Emergency Medicine*, 9th Edition. McGraw-Hill. New York. 2020
10. Nelson LS. Acute Poisoning. Goldman & Schafer, Eds. *Goldman-Cecil Medicine*, 26th Edition. Elsevier. New York, NY. 2020
11. Nelson LS, Hoffman RS: Inhaled Toxins. In: Walls R, Hochberger RS, Gausche-Hill M, editors. *Rosen's Emergency Medicine: Concepts and Clinical Practice*, 9th Edition. Elsevier. Philadelphia, PA. 2017
12. Lucyk S, Nelson LS. Opioids. In: Brent J, Burkhart K, Dargan P, Hatten B, Megarbane B, Palmer R, editors. *Critical Care Toxicology*, 2e. Switzerland: Springer International Publishing; 2017.
13. Lucyk S, Nelson LS. Opioid Receptor Antagonists. In: Brent J, Burkhart K, Dargan P, Hatten B, Megarbane B, Palmer R, editors. *Critical Care Toxicology*, 2e. Switzerland: Springer International Publishing; 2017.
14. Bouchard NB, Nelson LS. Opioid Poisoning. In: Vincent JL, Abraham E, Kochanek PM, Moore F, Fink MP. *Textbook of Critical Care*, 7th Edition. Elsevier, Philadelphia, PA. 2016.
15. Farmer BM, Nelson LS: Dyshemoglobinemias. In: Stapczynski S, Ma OJ, Yealy DM, Meckler GD, Cline DM, Eds. *Tintinalli Emergency Medicine*, 8th Edition. McGraw-Hill. New York. 2016
16. Long H, Nelson LS: Metals and Metalloids. In: Stapczynski S, Ma OJ, Yealy DM, Meckler GD, Cline DM, Eds. *Tintinalli Emergency Medicine*, 8th Edition. McGraw-Hill. New York. 2016
17. Hung OL, Nelson LS: Acetaminophen. In: Stapczynski S, Ma OJ, Yealy DM, Meckler GD, Cline DM, Eds. *Tintinalli Emergency Medicine*, 8th Edition. McGraw-Hill. New York. 2016

18. Hernandez SH, Nelson LS: Iron poisoning. In: Stapczynski S, Ma OJ, Yealy DM, Meckler GD, Cline DM, Eds. Tintinalli Emergency Medicine, 8th Edition. McGraw-Hill. New York. 2016
19. Chen BC, Nelson LS: Poisonous plants. In: Stapczynski S, Ma OJ, Yealy DM, Meckler GD, Cline DM, Eds. Tintinalli Emergency Medicine, 8th Edition. McGraw-Hill. New York. 2016
20. Nelson LS, Ford M. Acute Poisoning. Goldman & Schafer, Eds. Cecil's Textbook of Medicine, 25th Edition. Elsevier. New York, NY. 2015
21. Lugassy D, Nelson LS: Postmortem pathological and biochemical diagnosis of cyanide poisoning. In: Hall AH, Isom GE, Rockwood GA, Eds. Toxicology of Cyanides and Cyanogens: Experimental, Applied and Clinical Aspects. Wiley-Blackwell. West Sussex, UK. 2015
22. Wiener S, Nelson LS: Nicotinic agent attack. In: Ciottone R, et al. Disaster Medicine, 2nd Edition. Elsevier. New York, NY. 2015.
23. Barrueto F, Nelson LS: Antimuscarinic agent attack. In: Ciottone R, et al. Disaster Medicine, 2nd Edition. Elsevier. New York, NY. 2015.
24. Soghoian S, Nelson LS. Dietary Supplements. In: Wolfson AB, Cloutier RL, Hende GW, et al. Harwood-Nuss' Clinical Practice of Emergency Medicine, 6th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2015
25. Nelson LS. Drug Withdrawal. In: Wolfson AB, Cloutier RL, Hende GW, et al. Harwood-Nuss' Clinical Practice of Emergency Medicine, 6th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2015
26. Shawn L, Nelson LS. Metabolic inhibitors. In: Arbo JE, Ruoss SJ, Lighthall GK, Jones MP. Decision Making in Emergency Critical Care. Wolters Kluwer. Philadelphia, PA. 2014
27. Chen BC, Nelson LS. Anticoagulants In: Arbo JE, Ruoss SJ, Lighthall GK, Jones MP. Decision Making in Emergency Critical Care. Wolters Kluwer. Philadelphia, PA. 2014
28. Nelson LS, Hoffman RS: Inhaled Toxins. In: Rosen's Emergency Medicine: Concepts and Clinical Practice, 8th Edition. Editor: Marx J, Hochberger RS, Walls RM. Elsevier-Mosby. Philadelphia, PA. 2014
29. Rivers CM, Henretig F, Nelson LS. Neurotoxicology. In: Abend N, Helfaer M. Pediatric Neurocritical Care. Demos Medical Publishing. New York, NY. 2013
30. Shawn LK, Nelson LS. Benzodiazepines. In: Kwong T, Magnani B, Rosano T, Orsulak P, Shaw L. The Clinical Toxicology laboratory: Contemporary Practice of Poisoning Evaluation, 2nd Edition. American Association for Clinical Chemistry. Washington, DC. 2013
31. Fulton JF, Nelson LS. Anticholinergics. In: Adams JG. Emergency Medicine: Clinical Essentials. 2nd Edition. Elsevier. Philadelphia, PA. 2013.
32. Bouchard NB, Nelson LS. Opioid Poisoning. In: Vincent JL, Abraham E, Moore FA, Kochanek PM, Fink MP. Textbook of Critical Care, 6th Edition. Elsevier-Saunders, Philadelphia, PA. 2011.
33. Soghoian S, Nelson LS. Dietary Supplements. In: Wolfson AB, Hende GW, Ling LJ, et al. Harwood-Nuss' Clinical Practice of Emergency Medicine, 5th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2010
34. Farmer B, Nelson LS. Seafood Toxins. In: Wolfson AB, Hende GW, Ling LJ, et al. Harwood-Nuss' Clinical Practice of Emergency Medicine, 5th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2010
35. Nelson LS, Hoffman RS: Inhaled Toxins. In: Rosen's Emergency Medicine: Concepts and Clinical Practice, 7th Edition. Editor: Marx J, Hochberger RS, Walls RM. Mosby. Philadelphia, PA. 2010
36. Chan GM, Nelson LS. Sympathomimetics. In: Adams JG. Emergency Medicine. Saunders. Philadelphia, PA. 2008.
37. Fulton JF, Nelson LS. Anticholinergics. In: Adams JG. Emergency Medicine. Saunders. Philadelphia, PA. 2008.
38. Nelson LS. Opioids. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.
39. Nelson LS. Pulmonary Irritants. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.

40. Nelson LS. Copper poisoning. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.
41. Nelson LS, Traub S. Chemical Principles. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.
42. Lewin N, Nelson LS. Antidysrhythmic agents. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS.. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.
43. Gold J, Nelson LS. Ethanol Withdrawal. In: Flomenbaum NE, Goldfrank LR, Hoffman RS, Howland MA, Lewin N, Nelson LS. Goldfrank's Toxicologic Emergencies, 8th Edition. McGraw-Hill. New York, NY. 2006.
44. Wiener SW, Nelson LS: Nicotinic Agent Attack. In: Disaster Medicine. Editor: Ciottone GR. Elsevier-Mosby. Philadelphia, PA. 2006.
45. Barrueto F, Nelson LS: Antimuscarinic Agent Attack. In: Disaster Medicine. Editor: Ciottone GR. Elsevier-Mosby. Philadelphia, PA. 2006.
46. Nelson LS, Hoffman RS: Inhaled Toxins. In: Rosen's Emergency Medicine: Concepts and Clinical Practice, 6th Edition. Editor: Marx J, Hochberger RS, Walls RM. Elsevier-Mosby. Philadelphia, PA. 2006
47. Fulton J, Nelson LS: Hypoglycemic Agents. In: Essentials of Emergency Medicine. Editors: Aghababian RV, Alllison EJ, Boyer E, et al. Jones and Bartlett Publishers, Boston, MA. 2006.
48. Greller H, Nelson LS: Hydrocarbons. In: Essentials of Emergency Medicine. Editors: Aghababian RV, Alllison EJ, Boyer E, et al. Jones and Bartlett Publishers, Boston, MA. 2006.
49. Nelson LS. Sensory Organs. In: Encyclopedia of Toxicology (2nd edition), Ed: Philip Wexler. Elsevier: Oxford, 2005, p. 780-5.
50. Greller HA, Nelson LS. Hallucinogens. In: Wolfson AB, Hendey GW, Ling LJ, et al. Harwood-Nuss' Clinical Practice of Emergency Medicine, 4th Edition. Lippincott Williams & Wilkins. Philadelphia, PA. 2005
51. Bouchard NB, Nelson LS. Opioid Poisoning. In: Fink MP, Abraham E, Vincent JL, Kochanek PM. Textbook of Critical Care, 5th Edition. Elsevier-Saunders, Philadelphia, PA. 2005
52. Hoffman RJ, Nelson LS. Poisoning by sympathomimetics. In: Brent J, Burkhart K, Donovan JW, Phillips S, Tenenbein M, Wallace KL, eds. Critical Care Toxicology: Diagnosis and Management of the Critically Poisoned Patient. Elsevier-Mosby. Philadelphia, PA. 2005.
53. Hahn IH, Nelson LS. Opioid poisoning. In Brent J, Burkhart K, Donovan JW, Phillips S, Tenenbein M, Wallace KL, eds. Critical Care Toxicology: Diagnosis and Management of the Critically Poisoned Patient. Elsevier-Mosby. Philadelphia, PA. 2005.
54. Barrueto F, Nelson LS. Antiepileptic Agents. In: Erickson TB, Ahrens WR, Aks SE, Baum CR, Ling LJ. Pediatric Toxicology: Diagnosis and Management of the Poisoned Child. McGraw Hill, New York, 2005.
55. Greller HA, Nelson LS: Mothballs, Camphor and Deodorizers. In: Erickson TB, Ahrens WR, Aks SE, Baum CR, Ling LJ. Pediatric Toxicology: Diagnosis and Management of the Poisoned Child. McGraw Hill, New York, 2005.
56. Long H, Nelson LS. Inhalants. . In: Erickson TB, Ahrens WR, Aks SE, Baum CR, Ling LJ. Pediatric Toxicology: Diagnosis and Management of the Poisoned Child. McGraw Hill, New York, 2005.
57. Schier JG, Nelson LS. Herbal Products. . In: Erickson TB, Ahrens WR, Aks SE, Baum CR, Ling LJ. Pediatric Toxicology: Diagnosis and Management of the Poisoned Child. McGraw Hill, New York, 2005.

[Chapters prior to 2005 available by request (#39)]

GRANTS RECEIVED

Current

Substance Abuse and Mental Health Services Administration 9/30/19-2/28/22 \$250,000

Co-Investigator

Frontline: Training Emergency Medicine Residents and Medical Toxicology Fellows to Effectively Screen, Assess, and Treat Patients with Substance Use Disorder. This project will develop and test SUD curricula for emergency medicine residency and medical toxicology fellowship programs among nearly 1,000 emergency medicine residents and 90 medical toxicology fellows. American College of Medical Toxicology. Grant FG000005-01

Substance Abuse and Mental Health Services Administration 9/30/19-2/28/22 \$227,106

Investigator

The goal of this project is to increase the competence and capability of emergency medicine residents/physicians to provide their patients with high-quality and evidence-based substance use disorder screening, assessment, and treatment. American College of Emergency Physicians. Grant FG000021-01

Substance Abuse and Mental Health Services Administration 2/28/19-2/27/22 \$1,564,554

Principle Investigator

Opioid Peer Emergency Navigation to Accessing Comprehensive Care and Engaging Specialized Services (OPEN ACCESS). The grant will support and study the effects of implementing screening, harm reduction, and treatment approaches for patients with opioid use disorder (OUD) at the University Hospital of Newark Emergency Department. Grant 1H79TI081510-01

Completed

Centers for Disease Control and Prevention 6/15/2018-6/15/2020 10% salary support

Intergovernmental Personnel Act Agreement 18IPA1806113

IPA to provide expertise in medical toxicology and emergency medicine regarding opioid addiction, overdose, and treatment as well as pain management. Assist with clinician-oriented translational and training material and provide a clinical perspective on pain management and toxicology.

Medical Toxicology Foundation 7/1/15-6/30/16 \$5000

Principle Investigator

2015 Drug Abuse Prevention Award

Helping Enhance Targeted Opioid Harm Reduction Efforts Through Erowid. Joint effort with Erowid website (erowid.org) to study the demographics and knowledge of visitors seeking opioid information. Develop messaging for safe opioid use/harm reduction and study the optimal means of displaying the information.

Centers for Disease Control and Prevention 12/31/2011 \$10,000

Co-Awardee, Contract number 00HCUD3-2011-99784.

Recommendations for the Investigation, Diagnosis, and Certification of Deaths Related to Opioid Drugs.

Development of an expert review panel to improve consistency and accuracy of death determination among opioid using decedents.

Lead Investigator 10/30/04-12/31/09 \$2,447,000

Department of Homeland Security

Sponsoring Organization: New York University, Center for Catastrophe, Preparedness and Response (CCPR).

Large Scale Emergency Readiness (LaSER) Disaster Research: The goal of the grant is to develop a public based computer simulation, an inter/multi-disciplinary effort to assess and develop new disaster large-scale emergency readiness research and protocols.

Lead Investigator 10/30/07-11/31/09 \$1,600,000

Department of Defense

Sponsoring Organization: Telemedicine & Advance Technology Research Center (TATRC)

Agents of Opportunity: The goal of the grant is to develop a public based computer simulation, an inter/multi-disciplinary effort to assess and develop new disaster large scale emergency readiness research and protocols specific to hospital related disasters.

Lead Investigator 1/1/07-12/31/08 \$1,000,000

Department of Defense

Sponsoring Organization: New York University, Center for Catastrophe, Preparedness and Response (CCPR).

Large Scale Emergency Readiness: Pandemic Influenza: The goal of the grant is to develop a public based computer simulation, an inter/multi-disciplinary effort to assess and develop new disaster large-scale emergency readiness research and protocols specific to Pandemic Influenza.

ABSTRACT (POSTER/PLATFORM) PRESENTATIONS AT SCIENTIFIC MEETINGS

American Society of Addiction Medicine Virtual 2021. April 2021.

Haroz R, Laes J, Wiegand RJ, Nelson LS. Tricks of the Trade—Complex Buprenorphine Inductions, Schwartz ES, Nelson LS, Laes J, Wiegand TJ. Excited Delirium: The Controversy in the Care of the Acutely Agitated Patient

Steck AR, Haroz R, Laes J, Nelson LS. Urine Drug Monitoring: Access and Accountability.

Laes J, Wightman R, Haroz R, Nelson LS. Precipitated Opioid Withdrawal: When, Where and What to do Next

Weiss ST, Nelson LS. Parallel Pharmaceutical & Alternative Opioid Agonist Therapies to Treat Opioid Use Disorder

Pediatric Academic Societies (PAS) 2021 Virtual Meeting

Wong K, Ramdin C, Ruck B, Nelson LS, Calello C. Pediatric Edible Cannabis Exposures during the COVID-19 Pandemic.

Society for Academic Emergency Medicine. Denver, CO. May 2020.

Ravi C, Kenyon V, Sugalski G, Gang M, Nelson LS. Extubating Trauma Patients in the Emergency Department.

Alsharif P, Calello D, Nelson LS, Ramdin C, Masters MM. Examining the Use of Naloxone by an Urban Hospital-Based Basic Life Support Service

American College of Medical Toxicology. Annual Scientific Meeting. New York, NY. March 2020.

Wightman RS, Perrone J, Scagos R, Krieger M, Nelson LS, Marshall B. Opioid Overdose Deaths With Buprenorphine Detected in Post Mortem Toxicology: A Retrospective Analysis

Iannaccone RS, Ramdin C, Perrone J, Nelson LS. Access to Medication-Assisted Treatment Among Residential Treatment Programs in the United States

Kaiser B, Ferraris B, Sule H, Nelson LS, Santos C. Poisoning Data in Developing Nations: A Systematic Review

Meaden C, Santos C, Calello D, Nelson LS. A Review of the Existing Literature on Buprenorphine Pharmacogenomics

Mullins PM, Pourmand A, Perrone J, Nelson LS, Pines J, Mazer-Amirshahi M. Trends in Emergency Department Tramadol Utilization, 2007-16

XXXIX International Congress of the European Association of Poisons Centres and Clinical Toxicologists. Naples, Italy, May 2019.

Hassanian-Moghaddam H, Zamani N, Roberts D, Nelson LS. A consensus statement on the management of patients in outbreaks of methanol poisoning.

American College of Medical Toxicology. Annual Scientific Meeting. San Francisco, CA. March 2019.

Mozeika A, Nelson LS, Calello DC. Opioid-associated Hearing Loss: a 20-year Review from the NJ Poison Center. Phenibut Exposures Reported to New Jersey Poison Control Center

Society for Academic Emergency Medicine. Indianapolis, IN. May 2018.

Mazer-Amirshahi MA, Koroshetz L, Soars R, Kuman A, Calello, Perrone J, Nelson LS. Emergency Department Patient Perceptions of the Efficacy and Safety of Opioid Analgesics

American College of Medical Toxicology. Annual Scientific Meeting. Washington, D.C. March 2018.

Fox L, Nelson LS, Ruck B, Santos C, Calello D. Occupational fentanyl exposures reported to the American Association of Poison Control Centers National Poison Data System.

Lozo K, Calello D, Nelson LS. Narcan't: Sociodemographic factors in retail pharmacy naloxone availability.

Mazer-Amirshahi MA, Koroshetz L, Soars R, Kuman A, Calello, Perrone J, Nelson LS. Emergency Department Patient Perceptions of the Efficacy and Safety of Opioid Analgesics

Mudan A, Wightman R, Jang D, Nelson LS, Perrone J. A review of cyanide poisoning deaths in the fatality reviews of the NPDS annual report.

Sahi N, Santos C, Calello D, Ruck B, Fox L, Nelson LS. Loperamide abuse and the Internet.

Santos C, Garcia E, Kazzi Z, Calello, Ericson B, Nelson LS. Characterization of toxic sites in low and middle income countries: Need for improved medical surveillance.

Yu C, Eustaquio N, Santos C, Calello D, Fox L, Ruck B, Nelson LS. Bismuth Subsalicylate Coagulopathy in a Patient with Chronic Liver Disease.

North American Congress of Clinical Toxicology. Vancouver, BC. October 2017

Lee V, Vera A, Calello D, Ruck B, Nelson LS, Campleman S, Wax P Brent J. Loperamide misuse to avoid opioid withdrawal: high doses, high risk. Clin Toxicol 2017;55:94

North American Congress of Clinical Toxicology. Boston, MA. October 2016

Riggan MA, Chen C, Wightman RS, Howland MA, Nelson LS, Hoffman RS, Su M. Fatality Following Cantharidin Ingestion As Treatment For Gastric Cancer. Clin Toxicol 2016;54:666

Wightman RS, Su M, Henretig F, Marcus S, Nelson LS, Markowitz M. Neonatal lead poisoning treated with chelation. Clin Toxicol 2016;54:679

The College on Problems of Drug Dependence (CPDD). Palm Springs, CA. June 2016

Hawk K, Weiner S, Dziura J, Feillin DA, DaEun D, Nelson L, Hoppe J, Perrone J, D'Onofrio G. Prescribing opioids safely in the emergency department study: Predictors of emergency department discharge with high morphine milligram equivalent prescription. Drug Alc Depend 171 (2017) e86

XXXVI International Congress of the European Association of Poisons Centres and Clinical Toxicologists. Madrid, Spain, May 2016

- Fernandez D, Hammer J, DeOlano J, Nelson LS, Hoffman RS, Su MK. A synthetic cannabinoid receptor agonist (AB-FUBINACA)-associated fatality. *Clin Toxicol* 2016;54:408
- Fox LM, Biary R, Hoffman RS, Howland MA, Nelson LS, Smith SW. Co-administration of methadone and ondansetron associated with torsades de pointes. *Clin Toxicol* 2016;54:408
- Wightman RS, Kunzler N, Nelson LS. Precipitated opioid withdrawal from naltrexone injection. *Clin Toxicol* 2016;54:408
- Riggan MA, Howland MA, Hines EQ, Goldfarb DS, Nelson LS. Acute iatrogenic parenteral vancocycin overdose and associated nephrotoxicity: a case report. *Clin Toxicol* 2016;54:444
- Replinger DJ, Hernandez SH, Hoffman RS, Hines EQ, Su MK, Nelson LS. Unique histopathology in severe iron toxicity treated with liver transplantation. *Clin Toxicol* 2016;54:492.
- Hines EQ, Replinger DJ, Mahal V, Hoffman RS, Nelson LS, Smith SW. Topical aphrodisiac ingestion treated with digoxin-specific antibody fragments (DigiFab). *Clin Toxicol* 2016;54:493.

Society for Academic Emergency Medicine. New Orleans, LA, May 2016.

- Mazer-Amirshahi MA, Mullins PM, Perrone J, Nelson LS, Pines JM. Emergency department utilization for poisoning related visits. Abstract 341.
- Hawk K, D'Onofrio G, Dziura J, Fiellin D, Hoppe J, Nelson L, Perrone J, Weiner S. Predictors of emergency department discharge with an opioid prescription: Prescribing opioids safely from the ED (POSED) study. Abstract 100

American College of Medical Toxicology. Annual Scientific Meeting. Huntington Beach, CA. March 2016.

- RS Wightman RS, Erowid F, Erowid F, J Perrone, ZF Meisel ZF, Nelson LS. Comparative Analysis of Trends in Opioid Queries on the Erowid Website 2009–2015. *J Med Toxicol* 2016;12:7
- RS Wightman RS, Erowid F, Erowid F, J Perrone, ZF Meisel ZF, Nelson LS. Relative Frequency of Unique Opioid Page Visits Versus Heroin on Erowid.org *J Med Toxicol* 2016;12:7
- Mazer-Amirshahi M, Mullin PM, Perrone JM, Nelson LS, Pines JM. Trends in Emergency Department Utilization for Poisoning-Related Visits, 2003–2011. *J Med Toxicol* 2016;12:21
- Fernandez D, Nelson LS, Replinger DJ, Smith SW, On Behalf of the Toxicology Investigator's Consortium (Toxic). Metformin Intentional Overdose and its Association with Metabolic Acidosis and Elevated Lactate—As Reported by Toxicologists. *J Med Toxicol* 2016;12:31
- Fernandez D, Prudhomme J, Nelson LS, Hoffman RS, Moran JH, Su MK. The "K2" Epidemic: Preliminary Results of a Health Department's Synthetic Cannabinoid Receptor Agonist (SCRA) Surveillance Project. *J Med Toxicol* 2016;12:32

North American Congress of Clinical Toxicology. San Francisco, CA. October 2015

- Replinger, Daniel J; Hoffman, Robert S; Nelson, Lewis S; Hines, Elizabeth Q; Howland, Mary Ann; Su, Mark K. 'Acute Rivaroxaban Overdose with Whole Blood Concentrations'. *Clin Tox* 2015 53(7):699
- Replinger, Daniel J; Hoffman, Robert S; Nelson, Lewis S; Fernandez, Denise; Su, Mark K. 'Pseudo-hyperchloremia with sodium bromide use still a problem'. *Clin Tox* 2015 53(7):674
- Nguyen, Vincent; Hoffman, Robert S; Howland, Mary Ann; Su, Mark K; Nelson, Lewis S. 'The real rat race: Treating a brodifacoum poisoning for 9 months'. *Clin Tox* 2015 53(7):711
- Hines, Elizabeth Q; Nelson, Lewis S; Replinger, Daniel J; Stevens, Martha W; Anders, Jennifer F. 'High-Dose versus Low-Dose Naloxone for Treatment of Presumed Opioid Intoxication in Pediatric Patients'. *Clin Tox* 2015 53(7):765

Fernandez, Denise; Lamberta, Michael; Hines, Elizabeth Q; Touger, Michael; Nelson, Lewis S. 'North Pacific Rattlesnake (*Crotalus oreganus*) envenomation leads to ocular destruction and systemic toxicity'. *Clin Tox* 2015 53(7):669

XXXV International Congress of the European Association of Poisons Centres and Clinical Toxicologists. St. Julian's, Malta. May 2015

Chary M, Genes N, Giraud-Carrier C, Hanson C, Nelson LS, Manini AF. Estimating nonmedical use of prescription opioids in the United States from social media (301)

Nguyen V, Lucyk SN, Howland MA, Su MK, Nelson LS. Too bad to be true? Osmol gap >300 mOsm/L (139)

Society for Academic Emergency Medicine. San Diego, CA, May 2015.

Pomerleau AC, Perrone J, Nelson LS. When the Doctor is the Patient: ED Clinicians Self Reported Therapeutic Use of Opioid Analgesics. Abstract 649.

Mazer-Amirshahi MA, Mullins P, Perrone J, Nelson LS, Trends in Outpatient Benzodiazepine Prescribing, 2005-10. Abstract 677. Platform.

Hoppe JA, Perrone J, Nelson LS, Thundiyil JG, Weiner SG. Opioid Analgesic Prescribing in a Consortium of 19 U.S. Emergency Departments. Abstract 92. Platform.

Mazer-Amirshahi MA, Hawley K, Fox E, Zocchi M, Pines J, Nelson LS. Drug Shortages: Implications for Medical Toxicology. Abstract 207.

American College of Medical Toxicology. Annual Scientific Meeting. Clearwater, FL. March 2015.

Mazer-Amirshahi ME, Mullins PM, Perrone J, Nelson LS. Utilization Patterns of Carisoprodol in Ambulatory Care and Emergency Departments, 2001–2010

Hoppe JA, Perrone J, Weiner SG, Thundiyil JG, Iwanicki J, Nelson LS. Risk Factors Associated with Opioid Analgesic Prescribing in a Cross-Section of Nineteen U.S. Emergency Departments

Mazer-Amirshahi ME, D’Orazio JD, Mullins PM, Nelson LS, Perrone J. Ambulatory Care and Emergency Department Prescribing Practices Do Not Account for Gender Differences in Opioid Analgesic-Related Deaths.

Chary M, Genes N, Giraud-Carrier C, Hanson C, Nelson LS, Manini AF. Estimating Nonmedical Use of Prescription Opioids in the United States from Social Media.

Mazer-Amirshahi ME, Mullins PM, Perrone J, Nelson LS. Trends in Outpatient Benzodiazepine Prescribing, 2005–2010

Laskowski LK, Henesch JA, Hoffman RS, Nelson LS, Smith SW. Start Me Up! Recurrent Defibrillations in Refractory Ventricular Tachydysrhythmias Following Intentional Caffeine Powder and Pill Ingestion

Nguyen V, Lucyk S, Nelson LS, Su MK. #Music&Drugs+Tweets: How #Drugs and #Alcohol Are Being Talked About @ Music Festivals

Pomerleau AC, Nelson LS, Perrone J. “Doc, Can I Have Something Stronger?” ED Prescribers’ Perspectives and Practices Concerning Opioid Prescribing

North American Congress of Clinical Toxicology. New Orleans, LA. October 2014

Mazer-Amirshahi M, Dorazio J, Mullins P, van den Anker J, Perrone J, Nelson LS. Concomitant use of opioid analgesics and benzodiazepines in U.S. ambulatory clinics and emergency departments. *Clin Tox* 2014;52:704.

Laskowski LK, Calvo J, Exantus-Bernard G, Fong J, Poklis JL, Poklis A, Nelson LS. NBOMes lost in translation: What you see is not what you get. *Clin Tox* 2014;52:714.

Nguyen V, Laskowski L, Nelson LS. Death and Taxus: A case of hypotension, bradycardia, and dysrhythmias from yew berry ingestion. *Clin Tox* 2014;52:740.

Fernandez D, Biary R, Golden D, Clark S, Nelson LS, Smith SW, Rao RB. Provider knowledge, attitudes, and practice surrounding emergency department rescue dosing of opioid replacement therapy. *Clin Tox* 2014;52:786.

Biary R, Oh A, Lapoint J, Nelson LS, Hoffman RS, Howland MA. Topical capsaicin cream used as a therapy for cannabinoid hyperemesis syndrome. *Clin Tox* 2014;52:787.

Biary R, Kremer A, Sauthoff H, Nelson LS, Goldfarb D, Hoffman RS, Howland MA. Falsely elevated salicylate level in a patient with hypertriglyceridemia. *Clin Tox* 2014;52:790.

Lucyk SN, Nelson LS, Hoffman RS, Howland MA, Su M. Ingestion of compounded ointment leading to significant toxicity in a child. *Clin Tox* 2014;52:801.

Society for Academic Emergency Medicine. Dallas TX, May 2014.

Mazer-Amirshahi M, Perrone J, Pines J, Mullins P, Nelson LS. Trends in Opioid Prescribing in U.S. Emergency Departments Based on Provider Level of Training

Mazer-Amirshahi M, Pines J, Perrone J, Nelson LS. Trends in Opioid Prescribing for Acute Headache in U.S. Emergency Departments

Mazer-Amirshahi M, Mullins P, Pines J, Nelson LS, Perrone J. Trends in Opioid Analgesic Prescribing in U.S. Emergency Departments for Low-Acuity Visits

Nagel F, Kattan J, Paone D, Mantha S, Nelson LS. Qualitative Evaluation of the New York City Emergency Department Discharge Opioid Prescribing Guidelines.

XXXIV International Congress of the European Association of Poisons Centres and Clinical Toxicologists. Brussels, Belgium. May 2014

Laskowski LK, Want C, Howland MA, Hoffman RS, Nelson LS. Rivastigmine toxicity safely treated with pralidoxime without atropine. *Clinical Toxicology* (2014)

Biary R, Nelson LS, Hoffman RS, Lugassy D. Hydroxocobalamin administration falsely lowers carboxyhemoglobin determination. *Clinical Toxicology* (2014)

Lucyk SN, Hernandez SH, Nelson LS. A case report of exogenous human chorionic gonadotropin use leading to laparoscopy to exclude ectopic pregnancy. *Clinical Toxicology* (2014)

Nguyen V, Hoffman RS, Nelson LS. Chlorine dioxide from a dietary supplement causing hemolytic anemia. *Clinical Toxicology* (2014)

Connors NJ, Nelson LS, Hoffman RS, Su MK. Neonatal medication errors reported to a poison control center. *Clinical Toxicology* (2014)

Connors NJ, Marn R, Howland MA, Nelson LS, Hoffman RS. Toxicokinetics of intravenous paracetamol overdose in a 13 kg girl. *Clinical Toxicology* (2014)

Takematsu M, Hoffman RS, Nelson LS, Howland MA, Smith SW. Plan C: Intra-muscular overdose of methotrexate. A rarely reported entity. *Clinical Toxicology* (2014)

Lucyk SN, Nelson LS, Hoffman RS. Iatrogenic recombinant factor VIII overdose in a patient with hemophilia A. *Clinical Toxicology* (2014)

Takematsu M, Nelson LS, Hoffman RS, Chu J. Diabetes insipidus associated with valproic acid overdose: A rare case of valproic acid toxicity. *Clinical Toxicology* (2014)

Takematsu M, Hoffman RS, Nelson LS, Moran JF, Melendez S, Schechter JM, Wiener SW. "WTF": A case of acute cerebral ischemia following synthetic cannabinoid inhalation. *Clinical Toxicology* (2014)

Takematsu M, Smith SW, Nelson LS, Hoffman RS. Full of grace to full of gas: A perforated body packer. *Clinical Toxicology* (2014)

Connors NJ, Glover RL, Stefan C, Patterson D, Wong E, Milstein M, Hoffman RS, Nelson LS, Smith SW. Biological and botanical confirmation of solanaceous glycoalkaloid poisoning by susumber berries (*Solanum torvum*). *Clinical Toxicology* (2014)

Biary R, Nelson LS, Hoffman RS, Farmer BM. Intravenous lipid emulsion used in the therapy of a patient with prolonged cardiac pauses following a single pill ingestion of propafenone. *Clinical Toxicology* (2014)

Fil L, Nelson LS, Olsen DG. Characterization of the use of naloxone in pediatric patients using data from the Toxicology Investigators Consortium. *Clinical Toxicology* (2014)

Nguyen V, Kramer S, Wightman R, Nelson LS, Hoffman RS. Laundry detergent pod causing esophageal and gastric injury in an adult. *Clinical Toxicology* (2014)

American College of Medical Toxicology Annual Scientific Meeting. Phoenix, AZ. March 2014.

Mazer-Amirshahi M, Mullins PM, Pines JM, Perrone J, Nelson LS. Trends in Opioid Prescribing for Acute Headache in US Emergency Departments. *J Med Toxicol* 2014;10

Mazer-Amirshahi M, Mullins PM, Pines JM, Nelson LS, Perrone J. Trends in Opioid Prescribing in US Emergency Departments Based on Provider Level of Training. *J Med Toxicol* 2014;10

Carey JL, Halliday M, Nelson LS, Wax PM. Medical Toxicology Education in Medical Schools in the USA. *J Med Toxicol* 2014;10

Connors NC, Nelson LS. Wide Variation in Naloxone Dosing Recommendations for Acute Opioid Toxicity. *J Med Toxicol* 2014;10

Farmer BM, Nelson LS, Perrone J, and ToxIC. Bedside Evaluation of Adverse Drug Events by Medical Toxicologists. *J Med Toxicol* 2014;10

Fil LF, Nelson LS, Olsen D and ToxIC. Naloxone Administration in the Pediatric Population According to ToxIC Database Reporting. *J Med Toxicol* 2014;10

Mazer-Amirshahi M, Mullins PM, Perrone J, Nelson LS, Pines JM. Trends in Opioid Prescribing Based on Provider Specialty in US Ambulatory Clinics. *J Med Toxicol* 2014;10

American College of Emergency Physicians Research Forum, Seattle, WA. October 2013.

Shutler L, Perrone J, Portelli I, Blachford C, Nelson LS. Prescription Opioids in the Twittersphere: A Contextual Analysis of Tweets About Prescription Drugs. *Ann Emerg Med* 2013;62 (4 suppl):122.

North American Congress of Clinical Toxicology. Atlanta, GA. September 2013

Biary R, Makvana S, Hussain AZ., Asuncion A, Afreen T, Howland MA, Smith SW, Hoffman RS, Nelson LS. Prolonged Hypertension from a 1,000-fold clonidine compounding error. *Clin Toxicol* 2013 51(7):596

Connors N, Howland MA, Hoffman RS, Nelson LS, Smith SW. Voriconazole overdose causes acute kidney injury and severe drug interaction with tacrolimus. *Clin Toxicol* 2013 51(7):657-658

Connors N, Bhatt BA, Kraunz S, Hoffman RS, Nelson LS. Hemolytic crisis and methemoglobinemia following pegloticase infusion in a patient with normal G6PD activity. *Clin Toxicol.* 2013 51(7):654-655

Connors, NJ, Shawn LK, Vassallo SU, Mercurio-Zappala, M, Nelson LS, Hoffman RS, Smith SW. A case series of cationic detergent ingestions in a large correctional facility¹. *Clin Toxicol* 2013 51(7):607

Biary R, Howland MA, Smith SW, Hoffman RS, Nelson LS. Serotonin syndrome in a five year old child. *Clin Toxicol* 2013 51(7):596-597

Jang DH, Chu , Donovan S, Bania TC, Nelson LS, Hoffman RS. Methylene blue in an experimental model of severe amlodipine poisoning. *Clin Toxicol.* 2013 51(7):578-579

XXXIII International Congress of the European Association of Poisons Centres and Clinical Toxicologists. Copenhagen, Denmark. May 2013

Takematsu M, Smith SW, Hoffman RS, Nelson LS. Berries that weren't that sweet after all... – A case of raspberry ketone intoxication. *Clin Toxicol* 2013;51:284.

Shawn LK, Chen CC, Connors N, Nelson LS, Hoffman RS, Smith SW. Incidence of carbon monoxide calls to a US poison center following Hurricane Sandy. *Clin Toxicol* 2013;51:297

Farmer BM, Shawn LK, Lanfranko JA, Harvey BG, Hoffman RS, Nelson LS. Chasing the wrong dragon: Acute respiratory distress from inhaling the contents of a fentanyl patch. *Clin Toxicol* 2013;51:346

Kim HK, Blary R, Chen BC, Berlin DA, Hoffman SA, Nelson LS, Farmer BM. Complications from ultra rapid opioid detoxification at a single detoxification center. *Clin Toxicol* 2013;51:347

Kim HK, Freidman-Jiminez G, Smith SW, Fritz PM, Laiz MC, Hoffman RS, Nelson LS. When work comes home: Delayed elevation of plasma mercury concentration after an occupational mercury exposure. *Clin Toxicol* 2013;51:359

Connors NJ, Sise ME, Nelson LS, Hoffman RS, Smith SW. Methotrexate toxicity treated with continuous venovenous hemofiltration and leucovorin. *Clin Toxicol* 2013;51:366

Farmer BF, Chen BC, Hoffman RS, Nelson LS, Rao RB. Ketamine and midazolam for procedural sedation prevents respiratory depression in life-threatening aspirin toxicity. *Clin Toxicol* 2013;51:367.

Connors NJ, Hoffman RS, Nelson LS. Increased serum osmolality and metabolic acidosis following massive γ -hydroxybutyrate consumption. *Clin Toxicol* 2013;51:367.

Biary R, Senturia S, Howland MA, Hoffman RS, Nelson LS, Farmer BM, Prosser JM. Naloxone used to prevent intubation in a patient with severe hepatic encephalopathy. *Clin Toxicol* 2013;51:369.

American College of Medical Toxicology Annual Scientific Meeting. San Juan, Puerto Rico. March 2013.

Lapoint J, Perrone J, Nelson LS. A Missed Opportunity for Safe Opioid Use Using Electronic Pharmacopeia. *J Med Toxicol* 2013.

Wax PM, Aks S, Kleinschmidt KC, Nelson LS. Medical Toxicology Fellowship Program Trends: 2001–2012. *J Med Toxicol* 2013.

Rivers CM, Nelson LS, Hoffman RS. Paradoxical Benefit of Drug Shortages: Decreased ICU Admission Rate for Alcohol Withdrawal. *J Med Toxicol* 2013.

North American Congress of Clinical Toxicology. Las Vegas, NV. September 2012

Kim HK, Nelson LS. Effectiveness of low dose naloxone to reverse respiratory depression in opioid intoxication. *Clin Toxicol* 2012;50:577

Mercurio-Zappala M, Hoffman RS, Schwartz L, Howland MA, Nelson LS. Childrens' acetaminophen dosing: A new set of problems. *Clin Toxicol* 2012;50:608.

Jang DH, Spyres MB, Nelson LS, Hoffman RS. An 11-year retrospective comparison of dihydropyridine and non-dihydropyridine calcium channel blockers. *Clin Toxicol* 2012;50:640

Shawn LK, Alper K, Desai SP, Stephenson K, OlgunAM, Nelson LS, Hoffman RS. Pause-dependent ventricular tachycardia and torsades de pointes after ibogaine ingestion. *Clin Toxicol* 2012;50:654

Chen BC, Nelson LS, Hoffman RS, Marcus SM. Purified diphtheria toxin complication in an immunized individual. *Clin Toxicol* 2012;50:655

Farmer BM, Nelson LS. Medical toxicologists (MTs) involvement in medication management. *Clin Toxicol* 2012;50:676

Wightman RS, Perrone LS, Nelson L. The liability of opioid likeability. *Clin Toxicol* 2012;50:696

Jang DH, Donovan SP, Bania TC, Nelson LS, Hoffman RS, Chu J. The novel development of an experimental model of dihydropyridine calcium channel blocker poisoning using intravenous amlodipine. *Clin Toxicol* 2012;50:697.

XXXII International Congress, European Association of Poison Centres and Clinical Toxicologists. London, England. May 2012

Rivers CM, Kim HK, Nelson LS, Smith SW, Hoffman RS. Two cases of bactrian pharmacokinetics in large acetaminophen and diphenhydramine co-ingestions: management implications. *Clin Toxicol* 2012;50:302

Nelson LS. The pulmonary complications of drug abuse. *Clin Toxicol* 2012;50:306

Lapoint J, Manning E, Calderon Y, Hoffman RS, Nelson LS. Methylene chloride poisoning with delayed carboxyhemoglobinemia treated with hyperbaric oxygen therapy. Clin Toxicol 2012;50:314.

Shawn LK, Hoffman RS, Nelson LS. A case of adult botulism secondary to a psychiatric illness. Clin Toxicol 2012;50:318

Garlich FM, Nelson LS, Lugassy DM. Xtreme Hepatotoxicity: Prolonged cholestatic hepatitis due to ingestion of "natural" bodybuilding supplement. Clin Toxicol 2012;50:328

Rivers CM, Garlich FM, Hoffman RS, Nelson LS. Two cases of isoniazid induced hepatotoxicity in children: treatment with N-Acetylcysteine. Clin Toxicol 2012;50:329

Rivers CM, Hoffman RS, Nelson LS. Cardiovascular collapse following an intravenous azithromycin overdose in an infant. Clin Toxicol 2012;50:329.

Chen BC, Garlich FM, Viny AD, Basciano P, Howland MA, Smith SW, Hoffman RS, Nelson LS. Hemorrhagic complications in patients using dabigatran Clin Toxicol 2012;50:332

Kim HK, Hoffman RS, Nelson LS. Buprenorphine/Naloxone (Suboxone) fatality in a child. Clin Toxicol 2012;50:343

Rivers CM, Weiselberg R, Hoffman RS, Nelson LS, Majlesi N. Thirty-six hours of elevated carboxyhemoglobin concentrations following methylene chloride exposure: to dive or not to dive? Clin Toxicol 2012;50:353.

Kim HK, Hoffman RS, Nelson LS, Jang DH. Methylene blue for refractory hypotension in cardiovascular drug overdose. Clin Toxicol 2012;50:364

Chen BC, Vassallo SU, Nelson LS, Hoffman RS, Smith SW. Stress cardiomyopathy induced by acute cocaine toxicity. Clin Toxicol 2012;50:365

Society for Academic Emergency Medicine. Chicago, IL, May 2012

Garlich FM, Hetherington J, Williams N, Rao RB, Nelson LS, Hoffman RS. Use of a single dose of intramuscular methadone for acute opioid withdrawal.

North American Congress of Clinical Toxicology. Washington, DC. September 2011

Rao R, Biary R, Prosser JM, Farmer BM, Nelson L, Hoffman RS, Howland MA. Fomepizole to prevent worsening lactate production in a patient with disulfiram related ketoacidosis. Clin Toxicol 2011;49:538.

Garlich FM, Shah SK, Nelson LS, Howland MA. Prolonged altered mental status and bradycardia following pediatric donepezil ingestion. Clin Toxicol 2011;49:550.

Jang DH, Hoffman RS, Nelson LS, Schaumburg H. Profound hypokalemia and weakness following chronic licorice ingestion for weight loss. Clin Toxicol 2011;49:580.

Birmingham CM, Hoffman RS, Nelson LS. Cardiotoxicity in the setting of monocled cobra envenomation. Clin Toxicol 2011;49:588.

Prosser JM, Cienki J, Sivilotti, ML, Stolbach A, Nelson LS, Hoffman RS. Utility of the initial troponin for cocaine-associated chest pain in the ED. Clin Toxicol 2011;49:589.

Wood DM, Wax PM, Nelson LS, Vohra R, Dargan PI. What do other countries want from the ACMT? Results of the American College of Medical Toxicology International Committee survey. Clin Toxicol 2011;49:603.

Wax PM, Nelson LS. The emergency medicalization of medical toxicology. Clin Toxicol 2011;49:611.

XXXI International Congress, European Association of Poison Centres and Clinical Toxicologists. Dubrovnik, Croatia. May 2011

Jang D, Hoffman RS, Nelson LS, Rao RB, Howland MA, Prosser J. Rhabdomyolysis and hepatitis in a patient with prostate cancer being treated with high dose ketoconazole and concurrent simvastatin therapy. Clin Tox 2011;49:209.

Jang D, Nelson LS, Hoffman RS. Use of naloxone and vasopressin to treat prolonged hypotension following valsartan overdose. Clin Tox 2011;49:209

Livshits Z, Larocque A, Schwartz DR, Papadopoulos J, Ying P, Nelson LS, Hoffman RS. Electroconvulsive therapy for severe refractory neuroleptic malignant syndrome. *Clin Tox* 2011;49:209

Birmingham CM, Kirchoff-Torres KF, Cascella C, Hoffman RS, Nelson LS. Cerebral Venous Thrombosis following exogenous thyroxine exposure. *Clin Tox* 2011;49:211.

Birmingham CM, Pan A, Meggison HE, Hoffman RS, Nelson LS. "Octane Booster" ingestion causing refractory methemoglobinemia. *Clin Tox* 2011;49:211.

Lapoint J, Le V2, Lackey F, Radominska-Pandya A, Moran C3 James LP, Nelson LS, Hoffman RS, Moran JH. Seizures following ingestion of the synthetic cannabinoid JWH-018. *Clin Tox* 2011;49:213.

Jang D, Hoffman RS, Nelson LS, Stajic M, Smith SW. Levamisole-induced Occlusive Necrotizing Vasculitis in a pregnant woman after use of cocaine contaminated with levamisole. *Clin Tox* 2011;49:216.

Holubek WJ, Kemp BO, Goldfarb DS, Nelson LS, Hoffman RS. The use of extracorporeal techniques in acute acetaminophen (paracetamol) poisoning. *Clin Tox* 2011;49:248

Jang D, Smith SW, Larocque A, Hoffman RS, Nelson LS. Euthasol overdose with cardiac arrest resuscitated with intravenous lipid emulsion. *Clin Tox* 2011;49:253.

Livshits Z, Sampson B, Howland MA, Hoffman RS, Garlich F, Nelson LS. Retained drugs in the deceased. *Clin Tox* 2011;49:260.

Garlich FM, Hoffman RS, Nelson LS. Delayed respiratory distress in an infant following inhalation of talc-containing baby powder. *Clin Tox* 2011;49:264.

Garlich FM, Goldman M, Pepe J, Nelson LS, Allan MJ, Goldstein DA, Goldfarb DS, Hoffman RS. Hemodialysis clearance of glyphosate following a life-threatening ingestion of glyphosate-containing herbicide. *Clin Tox* 2011;49:264.

Joint American-Israeli Medical Toxicology Conference American College of Medical Toxicology and the Israel Society of Toxicology. Haifa, Israel. November 16-17, 2010.

Nelson L. Drug induced QT prolongation syndromes. *J Med Toxicol*. 2010 Nov 16.

North American Congress of Clinical Toxicology. Denver, CO. October 2010

Livshits Z, Hoffman RS, Nelson LS. Zidovudine-associated elevated lactate concentration in a neonate following a dosing error. *Clin Toxicol* 2010;48:607

Livshits Z, Nelson LS, Hernandez SH, Smith SW, Howland MA, Hoffman RS. Severe metformin toxicity: role of methylene blue and CVVHD as Therapeutic Adjuncts. *Clin Toxicol* 2010;48:611

Morrissey RP, Hoffman RS, Nelson LS. Bok Choy hypothyroidism. *Clin Toxicol* 2010;48:630

Hernandez SH, Habib S, Howland MA, Hoffman RS, Nelson LS. Severe prolonged encephalopathy from an intentional lamotrigine overdose with significantly elevated and prolonged serum concentrations. *Clin Toxicol* 2010;48:645

Jang DH, Nelson LS, Hoffman RS. Methylene blue (MB) in the treatment of refractory shock from an amlodipine overdose. *Clin Toxicol* 2010;48:646

Kleinschmidt K, Wax P, Nelson L, Bird S, Brent J. The Toxicology Investigators Consortium (ToxIC) Registry – Establishing its viability. *Clin Toxicol* 2010;48:651

Jang DH, Hoffman RS, Chu J, Nelson LS. Fatal outcome of a propoxyphene/acetaminophen (Darvocet) overdose: should it still be legal in the United States? *Clin Toxicol* 2010;48:658

Rao RB, O'Neill M, Sperling J, White H, Farmer BM, Prosser JM, Bouchard NC, Nelson LS, Hoffman RS, Paeng C, Jang D, Abe O, Flomenbaum NE. Akathisia in two patients following newly compounded 4-aminopyridine. *Clin Toxicol* 2010;48:664

Sharma K, Nelson L, Kurt K, Bird S, Brent J, Wax P. The practice of medical toxicology in the US. *Clin Toxicol* 2010;48:666

XXX International Congress, European Association of Poison Centres and Clinical Toxicologists. Bordeaux, France. May 2010

- Manini AF, Nelson LS, Stimmel B, Vlahov D, Hoffman RS. Incidence of Adverse Cardiovascular Events Following Drug Overdose: A Pilot Study. *Clin Toxicol* 2010;48:242
- Farmer BM, Morrissey R, Amato T, Prosser J, Rao RB, Nelson LS, Hoffman RS. Naltrexone-induced severe opioid withdrawal treated with intravenous fentanyl infusion. *Clin Toxicol* 2010;48:246
- Jang DH, Trueger NS, Duque D, Manini AF, Hoffman RS, Nelson LS. Status epilepticus secondary to diphenhydramine overdose. *Clin Toxicol* 2010;48:251
- Morrissey RP, Fisher W, Howland MA, Hoffman RS, Nelson LS. Scrotocaine: Toxicity from scrotal infusion of lidocaine. *Clin Toxicol* 2010;48:252
- Morrissey RP, Francis JH, Howland MA, Hoffman RS, Nelson LS. exposure induces red to yellow color visual disturbance. *Clin Toxicol* 2010;48:252
- Lugassy DM, Chitu C, Nelson LS, Hoffman RS, Howland MA. Acute strychnine-belladonna toxicity after ingestion of antique pills obtained from the Internet. *Clin Toxicol* 2010;48:254
- Hernandez S, Wiener SW, Hoffman RS, Nelson LS. Paradichlorobenzene induced leukoencephalopathy. *Clin Toxicol* 2010;48:255
- Farmer BM, Nelson LS, Tunik MG, Graham ME, Bendzans C, McCrillis A, Portelli I, Zhang M, Goldberg JD, Goldfrank LR. Framework for risk determination and response to agents of opportunity in academic medical centers. *Clin Toxicol* 2010;48:256
- Lugassy DM, Weingart SD, Ginsburg BY, Howland MA, Hoffman RS, Nelson LS. Prolonged hypertension after empiric treatment with hydroxocobalamin for presumed cyanide toxicity *Clin Toxicol* 2010;48:259
- Smith SW, Portelli I, Farmer BM, Nelson LS, Rosenberg S, Tunik M, Bendzans C, Graham ME, Goldfrank LR. Profiling the risk to academic medical centers by agents of opportunity. *Clin Toxicol* 2010;48:259
- Livshits Z, Nelson LS, Hoffman RS. If vitamins could kill: massive hemolysis following naturopathic vitamin infusion. *Clin Toxicol* 2010;48:260
- Livshits Z, Hoffman RS, Nelson LS. Recreational inhalation of ethyl chloride leads to neurotoxicity *Clin Toxicol* 2010;48:260
- Livshits Z, Hernandez SH, Majlesi N, Hoffman RS, Smith SW, Nelson LS. Anabolic steroid use leads to acute lung injury. *Clin Toxicol* 2010;48:260
- Soghoian S, Prosser JM, Manini AF, Stajic M, Marker E, Prezant D, Nelson LS, Hoffman RS. Mandatory carbon monoxide detectors do not appear to reduce the incidence of death from carbon monoxide poisoning. *Clin Toxicol* 2010;48:269
- Hernandez SH, Morrissey Ryan P, Howland MA, Nelson LS, Hoffman RS. Re-evaluating the dose of N-acetylcysteine in massive paracetamol ingestion. *Clin Toxicol* 2010;48:277
- Jang DH, Rao RB, Nelson LS, Hoffman RS. Paresthesias following administration of intrathecal chemotherapy unintentionally dissolved with 0.9% benzyl alcohol. *Clin Toxicol* 2010;48:290
- Jang DH, Hoffman RS, Nelson LS. A Case of Near-fatal flecainide medication error in a neonate. *Clin Toxicol* 2010;48:290
- Manini AF, Nelson LS, Hoffman RS. Chronic digoxin toxicity, serum potassium, and Fab failure: A Case-control Study. *Clin Toxicol* 2010;48:295
- Hernandez SH, Prosser JM, Livshits Z, Jang DH, Stajic M, Hoffman RS, Nelson LS. Utility of serum aldicarb concentrations in cases of tres pasitos poisoning. *Clin Toxicol* 2010;48:301
- Jang DH, Nelson LS, Hoffman RS. Acute myocardial infarction associated with androgenic anabolic steroid use. *Clin Toxicol* 2010;48:307
- Story DJ, Lambert AA, Nelson LS, Hoffman RS. Fulminant Hepatic failure from usnic acid containing supplements. *Clin Toxicol* 2010;48:314
- Farmer BM, Ghory H, Nelson LS. Intentional ingestion of concentrated potassium chloride results in caustic injury. *Clin Toxicol* 2010;48:317

North American Congress of Clinical Toxicology. San Antonio, TX. September 2009

- Manini AF, Nelson LS, Olsen D, Vlahov D, Hoffman RS. Do medical examiners and medical toxicologists agree on the cause of death? *Clin Toxicol* 2009;47:705
- Hernandez SH, Hoffman RS, Olmedo RE, Vashi AA, Nelson LS. Two cases of atropine poisoning suspected from bottled water. *Clin Toxicol* 2009;47:719
- Lugassy DM, Nelson LS, Hoffman RS, Howland MA. Acute bromide toxicity from an over the counter Dominican colic remedy. *Clin Toxicol* 2009;47:730
- Farmer BM, Nelson LS, Study Team AO. Agents of Opportunity in the healthcare setting. *Clin Toxicol* 2009;47:746
- Farmer BM, Lesar T, Nelson LS. Conflict of Interest (COI) Management among Pharmacy and Therapeutics (P&T) Committees. *Clin Toxicol* 2009;47:758
- Farmer BM, Hoffman RS, Nelson LS. Unique Lookalike medication error leads to patient harm. *Clin Toxicol* 2009;47:758
- Prosser JM, Soghoian S, Manini AF, Nelson LS, Hoffman RS. Impact of mandatory carbon monoxide (CO) detectors on CO exposure and severity. *Clin Toxicol* 2009;47:759
- Lugassy DM, Nelson LS, Hoffman RS, Howland MA. Failure of standard octreotide dosing to prevent recurrent hypoglycemia following sulfonylurea exposure in a child. *Clin Toxicol* 2009;47:760

XXIX International Congress, European Association of Poison Centres and Clinical Toxicologists. Stockholm, Sweden. May 2009

- Morrissey RP, Alt RS, Howland MA, Nelson LS, Hoffman RS. Sub-acute high-dose nitrous oxide (N₂O) exposure produces severe peripheral neuropathy. *Clin Toxicol* 2009;47:448
- Prosser JM, Howland MA, Jones BE, Hoffman RS, Nelson LS. Complications of fentanyl patch ingestion. *Clin Toxicol* 2009;47:449
- Farmer BM, Nelson LS, Hoffman RS. A systematic evaluation of medication errors reported to the Poison Center. *Clin Toxicol* 2009;47:470
- Soghoian S, Ravikumar P, Nelson LS, Hoffman RS. Death after ingestion of a topical aphrodisiac containing toad venom. *Clin Toxicol* 2009;47:471
- Prosser JM, Smith SW, Olsen D, Nelson LS, Hoffman RS. Inaccuracy of electrocardiogram interpretations reported to the Poison Center. *Clin Toxicol* 2009;47:487
- Morrissey RP, Howland MA, Hoffman RS, Nelson LS. Premedication for coronary computed tomographic angiography produces symptomatic atrio-ventricular dissociation. *Clin Toxicol* 2009;47:496
- Hernandez SH, Nelson LS, Borke JA, Kim J, Rao R. Uvular angioedema in a non-paracetamol poisoned patient treated with N-acetylcysteine and physostigmine. *Clin Toxicol* 2009;47:498
- Lugassy DM, Nelson LS, Hoffman RS, Howland MA. Torsade de Pointes presenting as new-onset seizure in a methadone maintenance patient. *Clin Toxicol* 2009;47:501
- Farmer BM, Mehta RR, Nelson LS, Howland MA, Hoffman RS, Rao RB. Medication error resulting in intravenous 1% Alum administration. *Clin Toxicol* 2009;47:509
- Hernandez SH, Hoffman RS, Howland MA, Nelson LS, Bouchard NC. Inadvertent intravenous infusion of polyethylene glycol and electrolyte solution in a 3 year-old girl. *Clin Toxicol* 2009;47:509
- Hernandez SH, Hoffman RS, Howland MA, Nelson LS. Hypoglycemia induced by insulin glargine overdose. *Clin Toxicol* 2009;47:509

Society for Academic Emergency Medicine. New Orleans, LA, May 2009

- Manini AF, Nelson LS. Derivation of the Prognostic Utility of Lactate for Drug Overdose Fatality (Abstract #378)

[Presentations at Scientific Meetings prior to 2008 available upon request]

CONFERENCE DIRECTOR (WITH LECTURE AS APPROPRIATE)

AACEM/AAAEM Virtual Annual Retreat. Association of Academic Chairs in Emergency Medicine. Virtual. March 25-26, 2021

Third American-Israeli Medical Toxicology Conference, Myths and Misinformation About Casual Dermal Exposure to Fentanyl. Haifa, Israel. Nov 19-21, 2019

Opioid Stewardship Workshop. New Jersey Hospital Association. Reducing the Risk of Opioid Harm. Small group: Harm Reduction Strategies. Princeton, NJ. June 17, 2019.

Seminar in Forensic Toxicology. Opioids, Toxicology, and the Law: Medical-Legal Aspects of the Opioid Epidemic. American College of Medical Toxicology. The Slippery Slope of Opioid Tolerance; Prescribing Opioids: Primary Therapy or the Last Resort? Dallas TX, Dec 13-14, 2018.

Advanced Pain Management in the Emergency Department. Massachusetts Medical Society and Massachusetts ACEP. Waltham, MA. June 8-9, 2018

Seminar in Forensic Toxicology: Opioids, Toxicology, and the Law: Medical-Legal Aspects of the Opioid Epidemic. American College of Medical Toxicology, the Fredric Rieders Family Foundation, and the Society of Forensic Toxicology. Philadelphia, PA. Dec 11-12, 2017.

Bench to Bedside: Neurologic and Metabolic Toxins. American College of Medical Toxicology Annual Scientific Meeting. Huntington Beach, CA. March 18-20, 2016.

The MRO & Beyond: Advanced Drug Testing Interpretation. American College of Medical Toxicology Annual Scientific Meeting Satellite Session. March 17, 2016.

Seminars in Forensic Toxicology. A Legal PotPourri. American College of Medical Toxicology and Society of Forensic Toxicologists. Denver CO. December 10-11, 2015.

Department of Homeland Security, Office of Health Affairs. Drugs of Abuse for Law Enforcement. December 9, 2015

Toxicoprevention. American College of Medical Toxicology Annual Scientific Meeting. Clearwater Beach, FL. March 27-29. *Professional Organizations and Your Medical Toxicology Career.* Fellows in Training Session. March 28, 2015.

Addiction Medicine Academy. American College of Medical Toxicology Annual Scientific Meeting Satellite Session. Clearwater Beach, FL. March 26, 2015.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital. Withdrawal Syndromes. March 12-13, 2015.

Advanced Concepts and Controversies in ED Pain Management. Society for Academic Emergency Medicine. Opioid Free ED: From Theory to Practical Application; Overcoming perceived hurdles in implementing advanced pain strategies; IV Acetaminophen for Acute Pain in the ED: Does the Benefit Justify its Cost? San Diego, CA. May 12, 2015.

Planning for a Safer Decade of ED Analgesia. Society for Academic Emergency Medicine Annual Meeting. Dallas, TX. May 13, 2014.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital. Withdrawal Syndromes. March 13-14, 2014

CSI Atlanta: Toxicology, Law Enforcement, and Crime Scene Investigation. ACMT Pre-Meeting Symposium at the North American Congress of Clinical Toxicology 2013. Atlanta, GA. American Academy of Clinical Toxicology. September 28, 2013.

Safe Opioid Prescribing. Hartford Hospital and American College of Medical Toxicology. Hartford, CT. June 1, 2013.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism. New York City. April 30, 2013.

The Changing Faces of Antidotes. American College of Medical Toxicology Annual Scientific Meeting. San Juan, Puerto Rico, March 15–17, 2013.

Alcohol Abuse Academy: Current Perspectives on Impairment, Dependence and Withdrawal. American College of Medical Toxicology Annual Scientific Meeting Satellite Session. San Juan, Puerto Rico, March 14, 2013.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital. Withdrawal Syndromes. February 28-March 1, 2013.

Prescription Opioid Misuse Academy: The Dark Side of Prescription Opioids. American College of Medical Toxicology. Understanding The Issues: The Epidemiology of Prescription Opioid Misuse. San Diego, CA. March 15, 2012.

Iatrogenesis: Toxicology and Medication Safety in Healthcare Settings. American College of Medical Toxicology. San Diego, CA. March 16-18, 2012.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital. Withdrawal Syndromes. March 4-5, 2012.

Safe Opioid Prescribing. New York University, Division of Pain Management. Epidemiology of Prescription Opioid Misuse and Overdose. New York, NY. December 17, 2011.

Seminars in Forensic Toxicology: Stimulants. American College of Medical Toxicology and Society of Forensic Toxicologists. Washington, DC. May 9-10, 2011.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Environmental Protection Agency. Orlando, FL (in conjunction with AAEM Conference). The Clinical Neurotoxicology of Chemical Terrorism. Feb 26-27, 2011.

Seminars in Forensic Toxicology: Ethanol and Marijuana. American College of Medical Toxicology and Society of Forensic Toxicologists. San Francisco, CA. December 13-14, 2010.

Seminars in Forensic Toxicology: Opioids. American College of Medical Toxicology and Society of Forensic Toxicologists. Philadelphia, PA. November 8-9, 2010.

Joint American-Israeli Medical Toxicology Conference. American College of Medical Toxicology and the Israel Society of Toxicology. Haifa, Israel. Drug induced QT Prolongation Syndromes. November 16-17, 2010.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Withdrawal Syndromes. March 4-5, 2010.

Seminars in Forensic Toxicology: Ethanol and Marijuana. American College of Medical Toxicology and Society of Forensic Toxicologists. Baltimore, MD. November 18-19, 2009.

American College of Medical Toxicology Spring Conference. Premeeting Symposium: Drugs of Abuse for Emergency Physicians. San Juan, PR. March 26, 2009.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Withdrawal Syndromes. March 13-14, 2009.

North American Congress of Clinical Toxicology. Toronto, Canada. American Association of Clinical Toxicology. September 11-16, 2008. Chair, Planning Committee.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Withdrawal Syndromes. March 13-14, 2008.

North American Congress of Clinical Toxicology. New Orleans, LA. American Association of Clinical Toxicology. October 19-24, 2007. Chair, Planning Committee.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Environmental Protection Agency. Toxic

Warfare: Beyond Conventional Chemical Weapons; The Clinical Neurotoxicology of Chemical Terrorism. June 5, 2007.

27th Annual Emergency Medicine Seminar: Contemporary Concepts in Clinical Emergency Medicine: A Literature-Based Approach. New York University School of Medicine. A Tale of Two Antidotes: Hydroxocobalamin and N-acetylcysteine. June 6-8, 2007.

ACMT 4th Annual Medical Toxicology Spring Course. Miami, Florida..Fellows' Research Symposium. March 15-17, 2007.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Plant Poisoning. March 8-9, 2007.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Albany Medical Center. Toxic Warfare: Beyond Conventional Chemical Weapons; The Clinical Neurotoxicology of Chemical Terrorism. October 17, 2006.

26th Annual Emergency Medicine Seminar: Contemporary Concepts in Clinical Emergency Medicine: A Literature-Based Approach. New York University School of Medicine. Alcohol Intoxication: When Are You "Level" Enough To Go Home? June 7-9, 2006.

ACMT 4th Annual Medical Toxicology Spring Course. Phoenix, Arizona. Problems with Patches. The Pharmacology and Toxicology of Transdermal Medications. March 2-3, 2006.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Mushroom poisoning. March 9-10, 2006.

ACMT Scientific Symposium: The Role of the Immune System in Toxicological Responses. 2005 North American Congress of Clinical Toxicology. Orlando, FL. September 12, 2005.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Recognizing Current Vulnerabilities: Threats to Food, Water and Drug Supplies. Region IX Tribal Environmental Conference, United States Environmental Protection Agency, October 27, 2005.

ACMT Medical Toxicology CPC Competition. 2005 North American Congress of Clinical Toxicology. Orlando, FL. September 10, 2005.

ACMT Pre-meeting Symposium: The Dark Side of Pharmaceuticals 2005 North American Congress of Clinical Toxicology. Orlando, FL. September 10, 2005.

25th Annual Emergency Medicine Seminar: Contemporary Concepts in Clinical Emergency Medicine: A Literature-Based Approach. New York University School of Medicine. QT Prolongation: What is the Big Deal? June 8-10, 2005.

Intensive Review Course in Clinical Toxicology. New York City Poison Control Center, Bellevue Hospital and St. John's University School of Pharmacy. Carbon Monoxide. March 10-11, 2005.

[Course Director Information prior to 2005 available upon request]

COURSE/CONFERENCE FACULTY OF A NATIONAL OR INTERNATIONAL MEETING

American College of Emergency Physicians, Scientific Assembly Research Forum. State-of-the-Art I: The continuum from opioid deprescribing to managing opioid use disorder in the ED. Oct 25, 2021

Accreditation Council for Graduate Medical Education 2021 GME Stakeholders Congress on Preparing Residents and Fellows to Manage Pain and Addiction. Certifying Boards Assessment of Competence. March 30-31, 2021.

American Society of Addiction Medicine/AMNet. Use of the ASAM Guideline to Improve Care. Virtual. March 16, 2021.

New York Society of Addiction Medicine. Virtual Annual Meeting. The Toxicology Panel -Case Based Discussion of Hot Topics in Addiction/Toxicology. February 5-6, 2021

American College of Emergency Physicians. Initiation of Buprenorphine and Pain Management in the ED Implementation. Misunderstanding Involving Buprenorphine Clinical Pharmacology. Jan 15, 2021.

Partnership for Drug Free New Jersey, NJ CARES, and the Office of the Attorney General. Knock Out Opioid Abuse. Prescribing Opioids in the Time of Covid-19. Virtual. August 20, 2020

American Society of Addiction Medicine. The ASAM Alcohol Withdrawal Management Webinar Series. Fundamentals of Alcohol Withdrawal and Guideline Development. Virtual. July 29, 2020

American Society of Addiction Medicine, Board Review Course. Principles of Pharmacology and Toxicology. Virtual. June 29, 2020.

Project ECHO (SAMHSA). The Pandemic & Mental Health Covid-19: From the Front Lines. Mental Health Impact of COVID-19 on Emergency Medicine and Emergency Departments. Virtual. May 22, 2020.

Atlantic Medical Group Primary Care CME Symposium. Opioids 2020. Review of Opioid Prescribing Safety and Best Practices. March 7, 2020.

NES Health. Medical Director's Academy. Cannabis and Vaping: Not Your Parents Mary Jane; Management of Opioid Use Disorder in the ED and Beyond. Port St Lucie, FL. Nov 4, 2019.

American Society of Addiction Medicine, Board Review Course. Principles of Pharmacology and Toxicology. Dallas, TX. July 26, 2019.

Emergency Medicine Critical Care Conference. Newark Beth Israel Medical Center. Pulmonary Complications of Drug Use. Newark, NJ. May 29, 2019.

XXXIX International Congress of the European Association of Poisons Centres and Clinical Toxicologists. The Pharmacology and Toxicology of Synthetic Opioids. Naples, Italy, May 23, 2019.

The Center for Forensic Science Research and Education. Postmortem Interpretive Toxicology. Management of Poisonings/Overdoses in the E.D.; Death Investigator Interactions. Philadelphia, PA. April 24, 2019.

New York American College of Emergency Physicians. 2019 ED Director Forum. Operationalizing ED-Based Protocols for Opioid Addiction and Treatment. April 26, 2019

American Society of Addiction Medicine. The World of Weird Withdrawal; Cannabis Today: Not Your Parent's Pot; Severe Alcohol Withdrawal: Complexity and Controversy. Orlando, FL. April 5-7, 2019

Association of Academic Chairs in Emergency Medicine, Annual Conference. Faculty Development Session: The Role of Professional Organization and Certifying Bodies. San Juan, PR. March 12, 2019.

Partnership for a Drug Free New Jersey. Doctor Patient Alliance Annual Conference. Do No Harm: Consequences of Pain Management and Opioid Prescribing. Atlantic City, NJ. Feb 8, 2019.

New York Society of Addiction Medicine. 15th Annual Intersection of Science, Treatment and Policy Conference. Medical Toxicology Case Discussion on ED Management. New York, NY. Feb 2, 2019.

ACEP E-QUAL Opioid Management Learning Collaborative. Webinar: Improving Opioid Prescribing Through Pain Guidelines. <https://acep.org/administration/quality/equal/e-qual-opioid-initiative>

Global Health Security Initiative (GHSI) Chemical Events Work Group. Health Security Workshop on Mass Casualties from the Deliberate Release of Opioids. Myths and Misinformation About Casual Dermal Exposure to Fentanyl Among First Responders and Law Enforcement. Medical and Public Health Aspects of Medical Countermeasures for Opioid Threat. Boston, MA. Nov 6-7, 2018

ACMT Women in Toxicology Section: How to optimize your curriculum vitae. Chicago, IL. Oct 27, 2018

ACMT Fellows-in-Training RoundTable: The Role Of Medico-Legal Consulting In Your Medical Toxicology Career. Chicago, IL. Oct 28, 2018.

University of Pittsburgh School of Medicine, Safar Center for Resuscitation Research. The Newest Opium War. Insights into the Current Opioid Crisis. The Thirty-Eighth Peter and Eva Safar Annual Lectureship in Medical Sciences and Humanities. Pittsburgh, PA. May 31, 2018.

Society for Academic Emergency Medicine. Annual Meeting. Academic Health System Administration as an Avenue for Career Development: How to Forge a Pathway in Administration. Indianapolis, IN. May 16, 2018.

American Society of Addiction Medicine. 49th Annual Conference. Fentanyl and Analogs, Oh My: Their Impact on Patients and Public Health, San Diego, CA. April 12-15, 2018.

Duke University, Margolis Center for Health Policy. Strategies for Promoting the Safe Use and Appropriate Prescribing of Prescription Opioids Presentation. Panel: Establishing Guidelines and Defining Success for Safe and Appropriate Opioid Prescribing. Washington, DC. Feb 15, 2018.

The Poynter Institute. Covering the Opioid Crisis: A Workshop for Illinois Journalists. DePaul Univ, Chicago December 4-6, 2017.

Office of the State Medical Examiner, NJ Department of Health. The Opioid Crisis: A Medical Examiner And Public Health Perspective. Waking Up Dead: The Toxicology of Fatal Opioid Poisoning. Sayreville, NJ. July 10, 2017

Partnership for a Drug Free New Jersey. Do No Harm: Keeping it Legal and Safe in the Medical Community. Understanding and Addressing the Public Health Epidemic of Opioid Abuse. Morristown, NJ. June 12, 2017.

Society for Academic Emergency Medicine. Annual Meeting. Ten Commandments of Acute Pain Management in the ED. Thou shalt choose and use opioids wisely. Thou shalt use alternative (to IV) routes of analgesic administration. May 16, 2017.

Association of Academic Chairs in Emergency Medicine/AAAEM Joint Retreat. The Opioid Epidemic: A Policy Perspective. Miami FL. March 20, 2017.

ANSER Conference, New Brunswick, New Jersey. Understanding the National Emergency Medicine Landscape. March 16, 2017.

2017 Behavior, Biology, and Chemistry: Translational Research in Addiction: The opioid epidemic: history, formulations, regulations, and emergencies. From opiophobia to abuse deterrent formulations: the making of an opioid epidemic. March 4, 2017

Poynter Institute's Covering the Opioid Crisis. Learning to Say "No": How Hospitals are Trying to Resist Prescribing Opioids. New York, NY. March 3, 2017

Hong Kong College of Emergency Medicine 20th Anniversary. Pitfalls in Opioid Prescribing: The American Experience. Also, Convocation of Inaugural Fellows in Clinical Toxicology. Hong Kong Society of Clinical Toxicology. Hong Kong, China. October 28-30, 2016.

North American Congress of Clinical Toxicology 2016. Premeeting: Are Abuse-Deterrent Opioids Formulations All They Are Crushed Up To Be? Sept 13, 2016; Main Meeting: ABAT Symposium: Myth-Representations of Opioid Risks and Benefits. Boston, MA. Sept 14, 2016

Postmortem Interpretive Toxicology. The Center for Forensic Science, Research, and Education, Reidlers Foundation. Philadelphia, PA. Clinical Pearls and Forensic Pitfalls in the Management of Poisoned Patients. June 13, 2016.

RADARS System Scientific Meeting. Setting the Stage: Are Abuse-Deterrent Opioids Formulations Ready for Prime Time? Denver, CO. May 6, 2016

Mass Gathering Medicine Summit. Toxicology of Club Drugs. New York City. April 21-22, 2016

American Society of Addiction Medicine, Annual Scientific Meeting. Opioid, Benzodiazepine, and Cannabis Withdrawal Syndromes. Baltimore, MD. April 16, 2016.

SCOPE of Pain: Safe and Competent Opioid Prescribing Education. Regional Abilities panel. New York, NY. Sept 26, 2015

XXXIV International Congress. European Association of Poison Centres and Clinical Toxicologists. Malta. May 29, 2015. Naloxone public availability and use.

Society for Academic Emergency Medicine. Annual Meeting. Crossfire: Controversies in Toxicologic Emergency Medicine. May 15, 2015.

American College of Medical Toxicology. Annual Scientific Meeting. Clearwater, FL. Workshop moderator: Prescription Drug Monitoring Programs: Big Brother or Guiding Light? Discussant: Fellows in training Luncheon. March 28, 2015.

The Center for Forensic Science Research and Education. Postmortem Interpretive Toxicology. Philadelphia, PA. The Poisoned Patient: Diagnosis and Prognosis. January 28, 2015.

North American Congress of Clinical Toxicology 2014. New Orleans, LA. *Premeeting: Careers in Medication Safety.* Oct 17; *Main Meeting: Hydrocodone and the FDA Update.* Oct 21, 2014

Academy of Insurance Medicine Annual Meeting. The Prescription Drug Abuse Epidemic: Identifying Risk Before and After Death. Philadelphia, PA. Sept 29, 2014.

5th Brazilian Congress of Clinical Toxicology, ABRACIT. Salvador, Bahia, Brazil. Management of Body Packer; Update on Cardiotoxic Overdoses; Stocking and Positioning of Critical Antidotes. Sept 10-12, 2014.

XXXIV International Congress. European Association of Poison Centres and Clinical Toxicologists. Brussels, Belgium. Pro/con debate: Gastric Lavage Should Be Abandoned. May 29, 2014.

Society for Academic Emergency Medicine. Annual Meeting. Dallas, TX. Medication Management: A Niche in Patient Safety for Emergency Physicians. May 15, 2014.

Society for Academic Emergency Medicine. Annual Meeting. Dallas TX. Opioid Prescribing from Our EDs: Where Do We Go from Here? May 16, 2014.

American College of Medical Toxicology. Annual Scientific Meeting. Phoenix, AZ. Panel Discussion. Medication Safety and Technology: Clarity or Complexity? March 28, 2014.

American College of Medical Toxicology. Satellite Symposium at Annual Scientific Meeting. Phoenix, AZ. Panel Discussion: Does It Really Cost An Arm And A Leg To Save An Arm And A Leg?" March 28, 2014.

Society of Toxicology, Annual Meeting and ToxExpo. Improving the Safety of Dietary Supplements and Natural Health Products by Assessing Effects in Humans. Phoenix, AZ. A Clinician's Perspective on Acute Adverse Event Knowledge. March 27, 2014.

HATS Scientific Conference 2013 - Metropolitan Poisoning. Hong Kong, China. Toxic Extremity; Update in Cardiotoxic Overdose. November 8-9, 2013.

Congreso Toxicologia Clinica and Seguridad Quimica. Asociacion Latinoamericano de Toxicologia. Guayaquil, Ecuador. Pitfalls and Pearls in Poisoning Management: The Coma Cocktail 2013, Lecture. October 18. The Toxic Limb. October 19, 2013.

American College of Emergency Physicians and Urgent Matters. Seattle, WA. Emergency Care Quality Improvement in the Era of Public Accountability, Panel One – Policy, Quality and Patient Safety. NYC Opioid Prescribing Policy. October 13, 2013.

National Institute of Drug Abuse and American College of Emergency Physicians. Seattle WA. Working Models for the Emergency Department. Guidance for Opioid Prescribing: Lessons Learned from the NYC Experience. October 13, 2013.

Luncheon Roundtable. Implementation and Application of the ACEP Clinical Policy for Opioid Prescribing in Adult Patients in the ED. October 13, 2013.

North American Congress of Clinical Toxicology 2013. Atlanta, GA. American Academy of Clinical Toxicology. ACMT Fellows-in-Training Luncheon: Investigating Medication Safety Events - Becoming the Expert at Your Institution, September 30, 2013; American Academy of Clinical Toxicology. AACT Acute Intensive Care Symposium. October 1, 2013.

7th Annual CounterACT Network Research Symposium. National Institutes of Health/NINDS. Washington, DC. June 26, 2013.

Postmortem Interpretive Toxicology. The Center for Forensic Science, Research, and Education, Reidlers Foundation. Philadelphia, PA. Clinical Pearls and Forensic Pitfalls in the Management of Poisoned Patients. June 18, 2013.

ED Opioid Guideline Symposium. Greater New York Hospital Association. New York, NY. Review of the Status of the ED Opioid Guidelines. April 15, 2013.

Pediatric Emergency Medicine Symposium. Valley Hospital. Ridgewood, NJ. Legal Heroin: The Unintended Consequences of Prescription Opioids April 9, 2013.

New York Society of Addiction Medicine. New York, NY. Novel Molecules Used as Drugs of Abuse. Panel discussion. February 2, 2013.

Scientific Congress. Asia Pacific Association of Medical Toxicology. Hong Kong, China. Paracetamol protein adducts and other novel biomarkers: How might they change practice? November 28-December 1, 2012.

Pan-Pacific Emergency Medicine Congress 2012. Seoul, Korea. What's new in Cardiovascular Toxicology; Development of Poison Center Services in Developing Countries. Oct 23-26, 2012.

IV World Congress in Emergency Medicine. Riviera Maya, Mexico. American Academy of Emergency Medicine. Pitfalls and Pearls in Poisoning Management: The Coma Cocktail 2012. November 14 – 17, 2012

Harold Rogers Prescription Drug Monitoring Program National Meeting, 2012. Washington, DC. Prescriber's Perspective: The Challenge of Integrating the PDMP into Clinical Practice. June 6, 2012.

XXXII International Congress. European Association of Poison Centres and Clinical Toxicologists. London, England. Pulmonary Toxicity of Opioids. May 31, 2012.

North American Congress of Clinical Toxicology 2011. Washington, DC. American Academy of Clinical Toxicology Acute Intensive Care Symposium. September 24, 2011.

XXXI International Congress, European Association of Poison Centres and Clinical Toxicologists. Bordeaux, France. Transdermal Opioid Toxicity. May 26, 2011.

Pediatric Emergency Medicine Symposium: Current Clinical Concepts. Valley Hospital. Anti-Donts in Pediatrics. April 5, 2011.

Society for Academic Emergency Medicine. Washington, DC. *Consensus Conference: Beyond Regionalization: Integrated Networks of Emergency Care*. Time Critical Conditions: Lessons Learned from Poison Centers and Medical Toxicology. June 2, 2010.

XXX International Congress, European Association of Poison Centres and Clinical Toxicologists. Bordeaux, France. Unusual Toxicologic Outbreaks. May 12, 2010.

American College of Medical Toxicology Spring Conference. Phoenix, AZ. From *Abrus* to *Zigadenus*: A Brief Stroll Through a Garden of Unusual Poisonous Plants. March 12, 2010.

American College of Medical Toxicology. Update on New Antidotes and Drug Safety in the Emergency Department. Phoenix, AZ. QT Drugs: A Prolonged Discussion. March 11, 2010.

American College of Emergency Physicians. *Scientific Assembly 2009*. Boston, MA. Workshop: Toxicology Lab. Lecture: Anti-DON'Ts: Cases in Poisoning Management. October 6, 2009.

Brazilian Congress of Toxicology. Belo Horizonte, Brazil. Antidotal therapy: State-of-the-Art; Building Evidence-based Clinical Toxicology; Roundtable on Club Drugs. October 12, 2009.

North American Congress of Clinical Toxicology 2009. *American Association of Poison Control Centers Symposium*. San Antonio, TX. Does one hand know what the other is doing: The relationship between Poison Centers and Medical Examiners. September 22, 2009.

American College of Medical Toxicology Spring Conference. *Drugs of Abuse for Emergency Physicians*. San Juan, PR. Controlling the Clinical Storm of Cocaine Poisoning. March 26, 2009.

American College of Medical Toxicology Spring Conference. San Juan, PR. A Toxic Tour of the Neuromuscular Junction. March 27, 2009.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Knoxville, TN. Terrorism by Fear and Uncertainty: Delayed Toxicologic Syndromes and The Clinical Neurotoxicology of Chemical Terrorism. In conjunction with the Radiation Emergency Assistance Center/Training Site (REAC/TS). May 29, 30, 2008.

XXVIII International Congress, European Association of Poison Centres and Clinical Toxicologists. Seville Spain. Keynote Lecture: CAM Scams: Poisons as Cancer Cures. Co-chair, Symposium on Herbal Toxicology. May 6-9, 2008.

American College of Occupational and Environmental Medicine. American Occupational Health Conference (AOHC), New York. Recent Advances in Toxicology: Drugs of abuse April 15, 2008.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism. 29th Annual International Disaster Management Conference. Orlando, FL. January 31, 2008.

U.S. Army Center for Health Promotion and Preventive Medicine. Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism. Louisville, KY. August 8, 2007

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism. Hawaii Department of Public Health. Honolulu, HI. February 5-6, 2007.

North American Congress of Clinical Toxicology 2006, San Francisco, CA. Specialist in Poison Information Roundtable. From Abstract to Case Report – How to Get an Interesting Case Successfully Published. October 7, 2006.

Monterey Terrorism Research and Education Program. Monterey Institute of International Studies. The Clinical Neurotoxicology of Chemical Terrorism. Monterey, CA. May 6, 2006.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism. San Francisco Police/California Highway Patrol. San Francisco, CA. May 5, 2006.

Clinical Management of Orthopedic Injuries. New York University School of Medicine. Procedural/Conscious Sedation. April 7, 2006.

Central Atlantic States Association of Food and Drug Officials. Recognizing Current Vulnerabilities: Threats to Food, Water and Drug Supplies. March 14, 2006.

Scientific Assembly. Activated Charcoal Is an Obsolete Antidote: Point/Counterpoint. American Academy of Emergency Medicine. February 17, 2006.

Trends in Substance Abuse: An Analysis and Interpretation of Existing Data. American Association of Poison Control Centers Symposium. 2005 North American Congress of Clinical Toxicology. DAWN, NIDA and TESS. Orlando, FL. September 13, 2005.

Clinical Management of Orthopedic Injuries. New York University School of Medicine. Antibiotics and Analgesics in Orthopedic Injuries. Moderator, Lower Extremity Fractures. April 1, 2005.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). Terrorism by Fear and Uncertainty: Delayed Toxicologic Syndromes. Connecticut Hospital Association, Wallingford, CT. March 31, 2005.

Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials). The Clinical Neurotoxicology of Chemical Terrorism and Terrorism by Fear and Uncertainty: Delayed Toxicologic Syndromes. Hartford Hospital, CT. March 2, 2005.

[Course/Conference Faculty prior to 2005 available upon request.]

OTHER INVITED LECTURES AND APPEARANCES

[Not part of a regional, national, or international meeting]

2021

University of Texas Southwestern Medical School. EM Physician Workforce of the Future Panel Discussion. April 22.

PsychSIGN Region 3. The Trials and Tribulations of Medical Cannabis. Virtual. April 10

Opioid Response Network/Substance Abuse and Mental Health Services Administration. New York University School of Medicine. Opioids and Harm Reduction Efforts in the ED. Virtual. March 29.

Medical Society of New Jersey. Monoclonal Antibody Therapy: The NJ Experience with COVID-19. March 24
Columbia University College of Physicians and Surgeons. Addiction Psychiatry. Shaken, Not Stirred _Alcohol
Withdrawal Management. Feb 11.

University of Utah School of Medicine. Insights into the Current Opioid Crisis: Fentanyl and Buprenorphine
from 20K feet. Feb 10.

2020

Penn Medicine. Center for Addiction Medicine and Policy. Myths and Misunderstandings about Fentanyl
Pharmacology. Dec 10.

Buprenorphine Waiver Training. (three successive courses). Several talks. New Jersey Department of Mental
Health and Addiction Service and New Jersey Medical School. September 11, 15, 25.

Hennepin County Medical Center. Virtual Grand Rounds. Shaken not Stirred: The ED Management of Alcohol
Withdrawal. Sept 17.

Project ECHO Webinar. Urine Drug Screening. Newark, NJ. Feb 18.

Rutgers Newark Honors College. What you need to know about the opioid epidemic. Feb 28.

New Jersey Medical School. Grand Rounds. Department of Internal Medicine. Management Options for
Ethanol Withdrawal. March 3.

2019

NJMS Mini Med School for High School Students. Insights into the Current Opioid Epidemic. Nov 13.

Newark Beth Israel Medical Center. Pediatric Emergency Medicine lecture. Plant Poisoning. Nov 6.

Emergency Medicine Residents Association (EMRA). At Society for Academic Emergency Medicine Annual
Meeting. Tox in TV. Denver CO. Oct 27.

Aventura Medical Center. Grand Rounds. Toxicology Testing in the ED: Dogma Vs Debate. Aventura FL.
Oct 23

Project ECHO Webinar. Naloxone and Harm Reduction Efforts. Newark, NJ. Sept 20.

National Medical Services. Inadvertent Fentanyl Exposure? Cases and Questions. Philadelphia, PA. Aug 14.

Trinitas Regional Medical Center. Grand Rounds. Reefer Madness: Cannabis and Human Health. Elizabeth, NJ.
July 25.

Kaweah Delta Health Care District (KDHCD). Grand Rounds. Addressing the Opioid Epidemic. Visalia, CA. May
30.

West Virginia University. Grand Rounds. The Pharmacology and Toxicology of Street Drugs. Morgantown,
WV. April 25.

Rutgers University School of Dental Medicine. The Role of the Dentist in Addressing the Opioid Epidemic.
April 22.

Buprenorphine DATA Waiver Training Course, New Jersey Medical School. Pharmacology of MAT; Urine Drug
Testing Interpretation. April 19.

New Jersey Hospital Association Webinar. Initiation of Buprenorphine in the ED. March 25.

Opioid Response Network (STR-TA) Webinar/ACEP: The Next Steps: Opioid Use Disorder Care After the ED.
Feb 20.

Stanford University. Palo Alto, CA. Grand Rounds. Department of Emergency Medicine. The Opioid Epidemic.
Jan 16.

2018

Valley Hospital, Grand Rounds. Do No Harm: Strategies for Opioid Prescribing. Ridgewood, NJ. Oct 18.

Mount Sinai School of Medicine. Grand Rounds, Department of Pediatrics. Pediatric Opioid Epidemic. April
12.

Christiana Grand Rounds. Ethanol Withdrawal: Shaken Not Stirred. Newark, DE. March 29.

Rutgers New Jersey Medical School. Grand Rounds, Department of Neurology. Opioid Epidemic. Feb 28.

UCSF Oakland/Highland Hospital. Visiting Professor. Tough Toxic Cases. February 21.
Englewood Hospital and Medical Center. Opioid Epidemic. Englewood, NJ. Jan 11.

2017

Robert Wood Johnson Medical School. Grand Rounds, Internal Medicine. Longing for the Days of Reefer Madness: The Changing (and Scary) Landscape of Synthetic Drugs of Abuse. November 18.
University of Washington, Harborview Medical Center. Grand Rounds. Department of Emergency Medicine. The Three Faces of the Opioid Epidemic. June 15.
Newark Beth Israel Medical Center. Grand Rounds. Emergency Medicine. Anti-dont's: Pitfalls and Pearls in Poisoning Management. May 3.
NJTV Knock Out Opioid Abuse. Town Hall Meeting Series. Televised. April 4.
Combatting Opioids and the Addiction Crisis. Moderator. Emergency Physicians and the Opioid Epidemic. Drew University. April 3.
Jersey Matters, Town Hall. Panelist. Monmouth University. March 16.
Rutgers New Jersey Medical School. Terror Medicine Elective. Chemical Terrorism. March 2.
Kaiser Permanente, San Diego Medical Center. Grand Rounds. Department of Emergency Medicine. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Feb 23.
Rutgers New Jersey Medical School. 1st year core. A Toxic Tour of the Neuromuscular Junction, Feb 1. Pharmacology and Toxicology of Street Drugs, Feb 2. Large group Simulation Session, Feb 2.
University of Alabama at Birmingham. Grand Rounds. Department of Emergency Medicine. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Jan 26

2016

Robert Wood Johnson Medical School, Rutgers. Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Nov 9
New York City Office of the Chief Medical Examiner. Pediatric poisoning fatalities. Oct 6
NYU School of Dental Medicine. Pain "Killers" and Dentistry: A Review of Practices, Regulations and the Opioid Crisis. June 29
Drug Policy Alliance, New York City. Novel Psychoactive Substances. June 12
Cooper Hospital, Camden NJ. Internal Medicine & Emergency Medicine Joint Grand Rounds. Challenges in the Management of Alcohol Withdrawal. April 21.
Cornell University. Grand Rounds. Department of Psychiatry. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. March 30
Truman Medical Center, University of Missouri at Kansas City. Emergency Medicine Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. March 17.
Texas A&M University. Emergency Medicine Grand Rounds. Scott & White Hospital, Temple Tx. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Jan 28

2015

New York University School of Medicine. Grand Rounds. Division of Pain Medicine. Controversies in Opioid Pharmacotherapy. November 23.
New York Hospital of Queens. Emergency Medicine/Critical Care Medicine Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Oct 21
Hackensack University. EM Residency. Grand Rounds. New and Unique Drugs of Abuse. June 10.
University of New Mexico in Albuquerque, Patrick McKinney Memorial Lecture. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Feb 11.
New York University School of Medicine. Department of Pediatrics. Pediatric Case Conference. Cocaine Intoxication. January 30.

2014

- Beth Israel Medical Center. Department of Emergency Medicine, Grand Rounds. AntiDont's. December 3.
- University of Calgary and the Alberta Poison and Drug Information Service. Not for Human Consumption: Incense, Bath Salts, and Synthetic "Marijuana"; Panel: Keep Calm and Ask a Toxicologist. Calgary, Canada. Nov 15.
- New York State Department of Health. Commissioner's Medical Grand Rounds. New York Academy of Medicine. Prescription Drug Abuse & Pain Management. October 23.
- Brooklyn Hospital Center. Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. October 15.
- New York University School of Medicine. Grand Rounds. Division of Pain Medicine. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. October 10.
- Columbia University College of Physicians and Surgeons. Grand Rounds. The Concomitant Epidemics of Nonmedical Use of Prescription Opioids and New Drugs of Abuse. Department of Pediatrics. Aug 8.
- Columbia University College of Physicians and Surgeons. Grand Rounds. Department of Emergency Medicine. Antidont's for Poisoning. Aug 6.
- Wayne State University. Grand Rounds. Department of Emergency Medicine. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Antidont's for Poisoning. July 31
- Johns Hopkins University. Department of Emergency Medicine. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. April 25.
- McGill University Health Center, Montreal, Canada. Grand Rounds, Royal Victoria Hospital Academic Day. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids; Antidont's to Poisoning. April 9.
- Columbia University/New York Botanical Garden. Graduate Program in Ecology and Economic Botany. Plant Poisoning. March 5.
- University of Maryland, Baltimore, MD. Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. Feb 12.
- Christiana Medical Center, Wilmington, DE. Grand Rounds. Antidont's for Poisoning. January 30.
- Emory University School of Medicine, Atlanta, GA. Department of Emergency Medicine, Grand Rounds. Antidont's for Poisoning. January 21.

2013

- Beth Israel Medical Center. Department of Emergency Medicine, Grand Rounds. The Toxic Limb. December 18.
- Princeton Medical Center. Department of Internal Medicine, Grand Rounds. The New Opium War: Insights into the Epidemic of Nonmedical Use of Prescription Opioids. December 17.
- New York University School of Medicine. Department of Internal Medicine. Lunch Rounds. Antidont's to Poisoning. December 16. (encore)
- New York University School of Medicine. Department of Internal Medicine. Lunch Rounds. Antidont's for Poisoning. August 30.
- Columbia University School of Medicine. Division of Pediatric Emergency Medicine. Grand Rounds. New and Unique Drugs of Abuse. August 29.
- Upstate Medical Center, SUNY Syracuse. Department of Emergency Medicine. Grand Rounds. The New Opium Wars: Opioid Analgesic Misuse. June 19.
- Weill Cornell School of Medicine. Division of Cardiology, Department of Internal Medicine. Grand Rounds. Antidotal Approach to Cardiotoxic Overdoses. June 17.
- New York University School of Medicine. Autonomic Pharmacology. January 11.

University of Medicine and Dentistry of New Jersey. Department of Internal Medicine. Grand Rounds. The New Opium Wars: Opioid Analgesic Misuse. January 2.

2012

Beth Israel Medical Center. Department of Emergency Medicine, Grand Rounds. The New Opium War: Opioid Analgesic Misuse. December 5.

Staten Island University Hospital. Internal Medicine. Grand Rounds. The New Opium War: Opioid Analgesic Misuse. October 19.

New York University School of Medicine. Division of Pain Medicine. Grand Rounds. Opioid Analgesic Misuse Epidemic. August 22.

Mount Sinai School of Medicine. Department of Pediatrics. Grand Rounds. Drugs of Abuse. June 21.

New York University School of Medicine. Pulmonary and Critical Care Medicine. Grand Rounds. Alcohol Withdrawal. June 18.

Woodhull Hospital, Department of Emergency Medicine. Grand Rounds. Common Poisonings in the ED. May 23.

Columbia University/New York Botanical Garden. Graduate Program in Ecology and Economic Botany. Plant Poisoning. Feb 16.

University of Medicine and Dentistry of New Jersey. Department of Internal Medicine. Grand Rounds. New and Unique Drugs of Abuse. February 15.

Weill Cornell School of Medicine. Department of Internal Medicine. Grand Rounds. New and Unique Drugs of Abuse: Incense, Bath Salts, and Legal Heroin. February 7.

New York University School of Medicine. Autonomic Pharmacology. January 12.

New York Pediatric Critical Care Society. Grand Rounds. Legal Heroin: The Current Epidemic of Prescription Opioid Poisoning. January 9.

2011

Princeton Hospital. Department of Medicine, Grand Rounds. Anti-Dont's. December 13.

Beth Israel Medical Center. Department of Emergency Medicine, Grand Rounds. New and Unique Drugs of Abuse. November 30.

New York State American College of Emergency Physicians, New York Academy of Medicine. Emergency Medicine Career Day. Medical Toxicology Fellowship. November 2.

New York University School of Medicine. Wilderness Medicine Club. Mushroom Poisoning. October 28.

Office of the Chief Medical Examiner, NYC. Prescription Opioid Death. October 28.

New York University School of Medicine. Autonomic Pharmacology. October 4.

University of Alabama. Department of Emergency Medicine. New and Unique Drugs of Abuse. June 16.

New York University School of Medicine. Critical Care Medicine. Alcohol Withdrawal. April 27.

Metropolitan Hospital. Department of Pediatrics. Grand Rounds. New Drugs of Abuse. April 21.

Valley Hospital, Ridgewood, NJ. Department of Pediatrics. Legal Heroin: The Current Epidemic of Prescription Opioid Poisoning. April 5.

New York University School of Medicine. Introduction to Toxicologic Principles. January 27.

2010

Lincoln Hospital and Medical Center. Department of Pediatrics. Pediatric Poisoning and Antidote Use. December 16.

New York University School of Medicine. Autonomic Pharmacology. October 14.

Metropolitan Hospital. Department of Pediatrics Grand Rounds. Pediatric Poisoning. April 28.

Columbia University/New York Botanical Garden. Graduate Program in Ecology and Economic Botany. Plant Poisoning. March 2.

Stony Brook School of Medicine. Department of Emergency Medicine. Anti-Dont's. February 2.

New York University School of Medicine. Introduction to Toxicologic Principles. January 29.

2009

Pharmacology Course. New York University School of Medicine. Department of Pharmacology (second year medical students). Basic and Clinical Autonomic Pharmacology, October 8; Workshops, October 14. Simulation sessions, October 19.

Albert Einstein Medical Center, Philadelphia, PA. Alcohol Withdrawal. November 4.

New York University School of Medicine. Advance Science Seminar: Pulmonary toxins, June 24.

New York University School of Medicine. Advance Science Seminar: Opioids, July 2.

Harlem Hospital. Grand Rounds, Department of Pediatrics. Antidotes in Pediatric Poisoning. April 23.

2008

New York University, Emergency Medicine. Poisoning by Hypoglycemics. November 26.

Pharmacology Course. New York University School of Medicine. Department of Pharmacology (second year medical students). Basic and Clinical Autonomic Pharmacology, October 8; Workshops, October 14. Simulation sessions, October 17..

New York City Office of the Chief Medical Examiner. Mushroom poisoning. September 25.

John Jay College of Criminal Justice. Forensic Poisoning Epidemics in New York City. April 30.

New York University School of Medicine. Introduction to Toxicologic Principles. February 13.

New York University School of Medicine. Joint Emergency Medicine/Internal Medicine Conference. Salicylate Poisoning. January 30.

[Lectures prior to 2008 available upon request.]