

Curriculum Vitae

WILLIAM J. LEWANDER, M.D.

Pediatric Emergency Medicine
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EDUCATION

Undergraduate New York University, Biology, B.A. 1975
Medical School Albert Einstein College of Medicine, M.D. 1979

POSTGRADUATE TRAINING

Residency Children's Hospital Medical Center, Washington, DC
Chief Resident in Pediatrics, 1979-1983
Fellowship Emergency Medicine, Clinical Pharmacology & Toxicology Fellow
Children's Hospital Medical Center/Harvard Medical School
Boston, Massachusetts, 1983-1985

POSTGRADUATE HONORS AND AWARDS

2005, 2006, 2007 Certificate of Recognition, American Academy of Family Physicians for
serving as preceptor for Brown Medical School residents and students
May 2002 Elected to the American Pediatric Society
1998 – 2001 Elected to National Board of Medical Examiners, Pediatrics, Step 2
1998, 1999, 2000,
2006, 2010 Teaching Award in Pediatrics "Director of Best Division": Rhode Island
Hospital House Officer Association
1994 Continued Support and Leadership Award (10 Years of Service): Special
Olympics
1986, 1989, 1991 Teaching Award in Pediatrics: Rhode Island Hospital House Officers'
Association:

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

1983 Written Pediatric Boards completed

1984	Oral Pediatric Boards completed, November
1984	Instructor, Advanced Trauma Life Support
1985	American Board of Medical Toxicology, August
1988	Instructor, Pediatric Advanced Life Support, April
1992	Board Certification Pediatric Emergency Medicine
2000	Re-certification Pediatric Emergency Medicine, April
2008	Re-certification Pediatric Emergency Medicine, October

ACADEMIC APPOINTMENTS

1985 – 1989	Clinical Assistant Professor of Pediatrics, Brown University Program in Medicine
1990 – 1994	Assistant Professor of Pediatrics, Brown University Program in Medicine
1994 – 2005	Associate Professor of Pediatrics, Brown University Program in Medicine
2005 – Present	Professor of Emergency Medicine & Pediatrics, Brown University Program in Medicine
2007 – 2020	Associate Vice Chair for Pediatric Emergency Medicine, Department of Emergency Medicine, Warren Alpert Medical School, Brown University

HOSPITAL APPOINTMENTS

1985 – 2000	Medical Director, Rhode Island Poison Center, Rhode Island Hospital
1985 – 2020	Director, Pediatric Emergency Medicine, Rhode Island Hospital

OTHER APPOINTMENTS

State of Rhode Island

1988 – 1998	Co-Director, State of Rhode Island's Pediatric Advanced Life Support (PALS) Course
1990 – 1991	Chairman, Committee to Develop Pediatric Emergency Paramedic Protocols - Appointed by Rhode Island Health Department

1991 – 1998 American Academy of Pediatrics: Co-chairman, Rhode Island Chapter
Accident Prevention/Injury Control Committee

National

1990 – 1996 American Academy of Pediatrics: Committee on Pediatric Emergency
Medicine

1990 – 2002 Assistant Editor: *Poisondex*®, a quarterly review of management
protocols by world experts on toxic substances which establish standard of
care for the medical and medico-legal communities

1993 Moderator: Paper Presentation Session, Ambulatory Pediatric Association
Annual Meeting, Washington, DC

1996 – Present Reviewer: *Pediatric Emergency Care*

1997 – 2005 Reviewer: *Pediatric Emergency & Critical Care*

1998 – 2001 National Board of Medical Examiners, *Pediatrics, Step 2.*

2013 – Present Reviewer, *Pediatrics*

HOSPITAL COMMITTEES

1985 – 2018 Chair, Pediatric Cardiac Arrest Committee

1989 – 1994 Co-chairman, new Children's Hospital Pediatric Emergency Department
Committee

1994 – 2006 Pediatric Directors Committee

1995 – 2001 Executive Council, Department of Pediatrics

1999 – Present Executive Committee, Department of Emergency Medicine

1999 – Present Clinical Operations Committee, Department of Emergency Medicine

1999 – 2004 Board of Directors, University Emergency Medicine Foundation

2002 – 2004 Chair, Governance/Nominating Committee, Emergency Medicine

2005-Present Pediatric Flow and Function Faculty Meeting, Department of Emergency
Medicine

2006 – Present Pediatric Executive Committee

2013 – 2016 Hasbro E.D. Triage & Registration Renovation Planning Team

2014 – 2016	Hasbro Trauma Room Renovation Planning Team
2014 – 2016	Observation Unit Planning Team, Concept Development by Susan Duffy
2014 – 2016	Medical Director Transition Committee
2014-Present	Pediatric Emergency Medicine Operations Committee
2016-Present	Community Outreach to Pediatric Primary Care Providers
2018-2020	Co- Chair, Pediatric Cardiac Arrest Committee
2018-Present	Participant, PEM Mentorship Initiative
2018-Present	Participant, Emergency Medicine Revenue Enhancement Committee

UNIVERSITY COMMITTEES

1990-1995	Chair, Pediatric Emergency Medicine Attending Search Committee, Brown University
1999-2000	Chair, Pediatric Emergency Medicine Attending Search Committee, Brown University
2001-2002	Chair, Pediatric Emergency Medicine Attending Search Committee, Brown University
2005-2006	Member, Search Committee for Chair of Emergency Medicine, Brown University
2005 – 2017	Chair, Promotions Committee, Department of Emergency Medicine, Brown University,
1989-Present	Member, Fellowship Selection Committee, Division of Pediatric Emergency Medicine, Department of Emergency Medicine, Brown university,
2007-Present	Chair, Attending Search Committee, Division of Pediatric Emergency Medicine, Department of Emergency Medicine, Brown University
2012-Present	Member, Research Committee, Division of Pediatric Emergency Medicine, Department of Emergency Medicine, Brown University
2017-Present	Co-Chair, Salary Equity Committee, Division of Pediatric Emergency Medicine, Department of Emergency Medicine, Brown University,
2017-2018	Co-Chair, Chair Advisory Committee, Department of Emergency Medicine, Brown University

- 2018-Present Co-Chair, Promotions Committee, Department of Emergency Medicine, Brown University
- 2018-Present Co-Chair, Mentorship Committee, Department of Emergency Medicine, Brown University

MEMBERSHIP IN SOCIETIES

- 1985 – Present American Academy of Clinical Toxicology
- 1985 – 1991 American College of Emergency Physicians
- 1985 – Present Ambulatory Pediatric Association
- 1990 – Present American Academy of Pediatrics
- 2002 – Present American Pediatric Society

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Lewander WJ, Gaudreault P, Einhorn A, Henretig RM, Lacouture PG, Lovejoy FH, Jr. Acute pediatric digoxin ingestion: A ten-year experience. *AJDC*; 140:770-773, 1986.
2. Grbcich PA, Lacouture PG, Lewander WJ, Lovejoy Jr. FJ. Effects of milk on Ipecac-induced emesis. *J. Pediatr*; 110:973-5, 1987.
3. Woolf A, Lewander WJ, Filippone G, Lovejoy FH, Jr. Prevention of childhood poisoning: Efficacy of an educational program carried out in an emergency clinic. *Pediatrics*; 80:359-63, 1987.
4. Lewander WJ. Acute thyroxine ingestions. *Pediatrics*; 84:262-265, 1989.
5. Lewander WJ, Lacouture P. Office management of acute pediatric poisonings. *Pediatric Emergency Care*; 5(4): 262-272, 1989.
6. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD. Administration of Activated Charcoal or Sodium Polystyrene Sulfonate (Kayexalate™) as Gastric Decontamination for Lithium Intoxication: An animal model. *Pharmacology & Toxicology*; 65:387-389, 1989.
7. Rockney RM, Alario AJ, Lewander WJ, Revised Pediatric Code Card. *AJDC*; 144: 272-274, 1990.
8. Rockney RM, Alario AJ, Lewander WJ, Pediatric Advanced Life Support: Part I. Airway, Circulation and Intravascular Access. *American Family Physician*; 43:1223-1230, 1991.

9. Rockney RM, Alario AJ, Lewander WJ, Pediatric Advanced Life Support: Part II. Fluid Therapy, Medications and Dysrhythmias. *American Family Physician*; 43:1712-1720, 1991.
10. Alario AJ, Lewander WJ, et al. The Efficacy of Nebulized Metaproterenol in Wheezing Infants and Young Children. *American Journal of Diseases of Children*; 146:412-418, 1992.
11. Linakis JG, Lewander WJ, et al. Multiple dose sodium polystyrene sulfonate in lithium intoxication: An animal model. *Pharmacology & Toxicology*; 70:38-40, 1992.
12. Spirito A, Lummer B, Gispert M, Levy S, Kurkjian J, Lewander WJ, Hagberg S, Devost L. Adolescent Suicide Attempts: Outcomes at Follow-Up, *American Journal of Orthopsychiatry*; 62:464-468, 1992.
13. Duchaine, AC, Alario AJ, Lewander WJ, et al. Head Injury in Very Young Children: Mechanisms, Injury Types, and Ophthalmologic Findings in 100 Hospitalized Patients Younger Than 1 Year of Age, *Pediatrics*; 90(2):179-185, 1992.
14. Rockney R, Lewander WJ, Alario A. AHA Updates Guidelines for Pediatric Basic and Advanced Life Support. *American Family Physician*; 8(8):1559-1560, 1993.
15. Berns SD, Lewander WJ, Appropriate Use of a Pediatric Emergency Department: Is the Pediatrician Called Before the Visit? *Pediatric Emergency Care*; 10(1):13-17, 1994.
16. Spirito A, Lewander WJ, Emergency Department Assessment of Adolescent Suicide Attempters: Factors Related to Short-term Follow-up Outcome. *Pediatric Emergency Care*; 10(1):6-12, 1994.
17. Simon HK, Steele, DW, Lewander WJ, Linakis JG. Are Pediatric Emergency Medicine Training Programs Meeting Their Goals and Objectives? A Self-assessment of Individuals Completing Fellowship Training in 1993. *Pediatric Emergency Care*; 10(4):208-212, 1994.
18. Vivier PM, Lewander WJ, Block SH, Simon PR, Alario AJ, Linakis JG. Is Continuity of Care Preserved in Children Who Utilize the Pediatric Emergency Department? *Pediatrics*; 95(1):37-41, 1995.
19. Lockhart GR, Lewander WJ, Cimini DM, Josephson SL, Linakis JG. Use of Urinary Gram Stain for Detection of Urinary Tract Infection in Infants. *Annals of Emergency Medicine*; 25(1):31-35, 1995.
20. Alario AJ, Lewander WJ, Dennehy P, Seifer R, Mansell AL, The relationship between oxygen saturation and the clinical assessment of acutely wheezing infants and children. *Pediatric Emergency Care*; 11(6): 331-334, 1995.
21. Linakis JG, Hull KM, Lacouture PG, Lockhart GR, Lewander WJ, Sodium polystyrene sulfonate treatment of lithium toxicity: Effects on serum potassium concentrations. *Academic Emergency Medicine*; 3:333-337, 1996

22. Lewander WJ, Wine H, Carnevale R, Lindenmayer, et al. Ingestion of Cigarettes and Cigarette Butts by Children-Rhod. *CDC MMWR*; 46(6) 125-128, 1997.
23. Linakis JG, Hull EM, Lacouture PG, Lockhart GR, Lewander WJ, Maher TJ. Enhancement of lithium elimination by multiple-dose sodium polystyrene sulfonate. *Academic Emergency Medicine*; 4: 175-178, 1997.
24. Santucci KA, Anderson AC, Lewander WJ, Linakis JG. Frozen oral hydration as an alternative to conventional enteral fluids. *Pediatrics & Adolescent Medicine*; 152:142-146, 1998.
25. Barnett NP, Spirito A, Colby SM, Vallee JA, Woolard RH, Lewander WJ, Monti PM. Detection of alcohol use in adolescent patients in the emergency department. *Academic Emergency Medicine*; 5(6):607-612, 1998.
26. Colby SM, Monti PM, Barnett NP, Rohsenow DJ, Spirito A, Woolard RH, Weissman K, Lewander WJ. Brief motivational interviewing in a hospital setting for adolescent smoking: A preliminary study. *Journal of Consulting and Clinical Psychology* 66(3):574-578, 1998.
27. Wright, RO, Anderson, AC, Lesko, SL, Woolf, AD, Linakis, JG, Lewander, WJ. Effect of metaclopramide dose on preventing emesis after oral administration of N-acetylcysteine for acetaminophen overdose. *Journal of Toxicology – Clinical Toxicology*; 37:35-42, 1999.
28. McQuillen KK, Santucci K, Conrad M, Nelson DG, Lewander WJ, Duffy SJ, Anderson AC. Intravenous catheter blood cultures: Utility and contamination. *Pediatrics*; 103(4), 1999.
29. Monti PM, Spirito A, Myers M, Colby SM, Barnett NP, Rohsenow DJ, Woolard RH, Lewander WJ, Brief Intervention for Harm Reduction With Alcohol-Positive Older Adolescents in a Hospital Emergency Department. *Journal of Consulting and Clinical Psychology*; 67:989-994, 1999.
30. Spirito A, Barnett N, Colby S, Rohsenow D, Eaton C, Lewander WJ, Risks Associated with Alcohol-positive Status Among Adolescents in the Emergency Department: A matched Case-control Study. *The Journal of Pediatrics*; 139(4), 2001.
31. Colby, S., Barnett. N., Eaton, C., Spirito, A., Woolard, R., & Lewander, WJ. Potential biases in case detection of alcohol involvement among adolescents in the emergency department. *Pediatric Emergency Care*; 18(5):350-354, 2002.
32. Spirito A., Boergers J., Donaldson D., Bishop D., & Lewander WJ. An intervention trial to improve adherence to community treatment of adolescents following a suicide attempt. *Journal of the American Academy of Child and Adolescent Psychiatry*; 41:435-442, 2002.

33. Spirito A., Mehlenbeck R., Barnett N., Lewander WJ, & Voss A. The relation of mood and behavior to alcohol use in adolescent suicide attempters. *Journal of Child and Adolescent Substance Abuse*; 2003.
34. Spirito A, Monti PM, Barnett NP, Colby SM, Sindelar H, Rohsenow DJ, Lewander WJ, Myers M. A randomized clinical trial of a brief motivational intervention for alcohol-positive adolescents treated in an emergency department. *The Journal of Pediatrics*; 145(3):396-402, 2004.
35. Colby SM, Monti PM, O'Leary TA, Barnett NP, Spirito A, Rohsenow DJ, Riggs S, Lewander WJ. Brief motivational intervention for adolescent smokers in a hospital setting. *Addictive Behaviors*; 30:865-874, 2005.
36. Sindelar-Manning H, Lewander WJ, Spirito A., Chun TH, Barnett N, Spirito A. Emergency department detection of adolescents with a history of alcohol abuse and alcohol problems. *Pediatric Emergency Care*; 24(7):457-461, 2008.
37. Chun TH, Sindelar-Manning H, Eaton CA, Lewander WJ, Spirito A. Parental factors influence teen alcohol use after an emergency department visit. *Pediatric Emergency Care*; 24(10):668-672, 2008.
38. Chun TH, Amanullah S, Karishma-Bahl D, Machan JT, Andrada ER, Lewander WJ. Comparison of methohexital and pentobarbital as sedative agents for pediatric ED CT scans. *Pediatric Emergency Care*; 25:648-650, 2009.
39. Fairlie AM, Chun TH, Hernández L, Eaton CA, Lewander WJ, Spirito A. Alcohol Use History Differentiates Adolescents Treated in the Emergency Department following an Alcohol-related incident. *Pediatric Emergency Care*; 2010, 26(6):417-23.
40. Chun TH, Spirito A, Hernandez L, Fairlie AM, Sindelar-Manning H, Easton, CA, Lewander WJ. The significance of marijuana use among alcohol-using adolescent emergency department patients. *Academic Emergency Medicine*; 17(1):63-71, January 2010.
41. Spirito A, Sindelar-Manning H, Colby S, Barnett N, Lewander WJ, Rohsenow D, Monti P. Individual and Family Motivational Interventions for Alcohol-Positive Adolescents Treated in an Emergency Department: Results of a Randomized Clinical Trial. *Archives of Pediatrics & Adolescent Medicine*; 165 (3):269-274, March 2011.
42. Colby SM, Nargiso J, Tevyaw T, Barnett NP, Metrik J, Woolard RH, Lewander WJ, Rohsenow DJ, & Monti PM. Enhanced motivational interviewing versus brief advice for adolescent smoking cessation: A randomized clinical trial. *Addictive Behaviors*; 37 (7): 817-823, July 2012.
43. Hernández L, Cancilliere MK, Graves H, Chun TH, Lewander WJ, Spirito A. "Substance Use and Depressive Symptoms among Adolescents Treated in a Pediatric Emergency Department." *Journal of Child and Adolescent Substance Abuse*; March 2016.

44. Aleguas A, Lewander WJ. Acute hydrocarbon exposure: Management, *UpToDate*, Wolters Kluwer Health, 2020. Available at UpToDate.com.
45. Lewander WJ, Aleguas A. Acute hydrocarbon exposure: Clinical toxicity, evaluation, and diagnosis, *UpToDate*, Wolters Kluwer Health, 2020. Available at UpToDate.com
46. Aleguas A, Lewander WJ. Acute Hydrocarbon Exposure: Management, UpToDate, Burns M (ed.), UpToDate. Waltham, MA. June 30, 2020. Available at UpToDate.com
47. Aleguas A, Lewander WJ Acute Hydrocarbon Exposure: Clinical toxicity, evaluation, and diagnosis, UpToDate, Burns M (ed.), UpToDate. Waltham, MA. June 30, 2020. Available at UpToDate.com
48. Aleguas A, Lewander WJ. Acute hydrocarbon exposure: Clinical toxicity, evaluation, and diagnosis. Post TW, ed. UpToDate. Waltham, MA: UpToDate Inc. Available at UpToDate.com. January 2021.
49. Aleguas A, Lewander WJ. Acute hydrocarbon exposure: Management. Post TW, ed. UpToDate. Waltham, MA: UpToDate Inc. Available at UpToDate.com. January 2021.

OTHER PEER-REVIEWED PUBLICATIONS

1. Guest Editor: Toxicology in *Journal of Clinical Pediatric Emergency*; 2005;6 (2).
2. Babu KM, Church RJ, Lewander WJ. Energy drinks: The new eye-opener for adolescents. *Journal of Clinical Pediatric Emergency Medicine*; 35-42, 2008

BOOKS AND BOOK CHAPTERS

1. Committee on Pediatric Emergency Medicine, American Academy of Pediatrics (Lewander WJ, member). *Emergency Medical Services for Children: The Role of the Primary Care Provider*, American Academy of Pediatrics, 1992.
2. Lewander WJ. Thyroid Hormone Overdose. *Clinical Toxicology Review*, January-February, 1984.
3. Lewander WJ. Disc battery ingestions. *Clinical Toxicology Review*, August 1984.
4. Boehnert MT, Lewander WJ, Gaudreault P, Chafee-Bahamon C, Lovejoy Jr. FH. Advances in Clinical Toxicology. In *Pediatric Clinics of North America*; 32:193-211, 1985.
5. Lewander WJ, Aleguas A. Crotalidae Envenomation. In *Clinical Toxicology Review*; 1988.
6. Lewander WJ, Linden CH. Herbicide Poisoning. In *The Clinical Practice of Emergency Medicine*. J.B. Lippincott, 549-51, 1991.

7. Lewander WJ, Linakis JG. Hydrocarbons. In *Intensive Care Medicine*, edited by J. M. Rippe, M.D. et al. Boston: Little, Brown and Company, 1278-86, 1991.
8. Lewander WJ, Caldamone AA. Genitourinary Emergencies. In *Clinical Manual of Emergency Pediatrics*, edited by Ellen F. Crain et al. McGraw-Hill, Inc., 1992.
9. Lewander WJ, Rash-Urticaria. In *Textbook of Pediatric Emergency Medicine*, edited by F. M. Henretig et al. Williams and Wilkins, 439-41, 1993.
10. Lewander WJ. (contributing editor). Petroleum Distillate Poisoning. *Handbook of Emergency Medicine*. J.B. Lippincott, Chapter 102, 325-329, 1995.
11. Lewander WJ. Rash-Urticaria. In *Synopsis of Pediatric Emergency Medicine*, edited by G.R. Fleisher, S. Ludwig et al. Williams and Wilkins, Section II 45, 219-221, 1995.
12. Lewander WJ, Linden CH. Herbicide Poisoning. In *The Clinical Practice of Emergency Medicine*. J. B. Lippincott, 1340-1343, 1996.
13. Lewander WJ, Linakis JG. Hydrocarbons. In *Intensive Care Medicine*, edited by Rippe M.D. et al. Little, Brown and Company, 1602-1610, 1996.
14. Robert Wright and Lewander WJ, et al. Toxicological Emergencies. In *The Care of the Pediatric Patient* by Alario, AJ et al. Mosby, 690-705, 1997.
15. Caldamone A, and Lewander WJ. Genitourinary Emergencies. In *Clinical Manual of Emergency Pediatrics*. Crain & Gershel, 255-269.1997.
16. Simon H., Lewander WJ. Gastric Intubation. In *Textbook of Pediatric Emergency Procedures*. Williams & Wilkins, 909-914, 1997.
17. Lewander WJ. Petroleum Distillates and Turpentine. In *Clinical Management of Poisoning and Drug Overdose*. Haddad, Shannon, Winchester, 913-918.1997.
18. Binder WD, Lewander WJ. Digoxin. In *Emergency Toxicology*, Ed. Viccellio. Lippincott-Raven Publishers, 707-722, 1998.
19. Lewander WJ, Wang RY. Normobaric Oxygen in Carbon Monoxide Poisoning (editorial). *Ped Emerg and Crit Care*, 11:11-12, 1998.
20. Lewander WJ, Linakis JG. Hydrocarbons. In *Intensive Care Medicine*. Irwin, Cerra, Rippe, 1657-1666, 1999.
21. Wright RO, Lewander WJ, Woolf AD. Methemoglobinemia: Etiology, Pharmacology and Clinical Management. In *Annals of Emergency Medicine*, 34: 5, November 1999.
22. Lewander WJ, Linden CH.“ Herbicide Poisoning.” In *The Clinical Practice of Emergency Medicine*. J. B. Lippincott, 1340-1343, 2001.

23. Lewander, WJ, Linakis, JG. "Hydrocarbons." In *Intensive Care Medicine*. Irwin, Cerra, Rippe, 1657-1666, 2003.
24. Spirito A, Lewander WJ. Assessment and Disposition Planning for Adolescent Suicide Attempters Treated in the Emergency Department. *Clinical Pediatric Emergency Medicine*. 2004; 5(3):154-163.
25. Sindelar HA, Abrantes AM, Hart C, Lewander WJ, Spirito A. Motivational interviewing in pediatric practice. *Current Problems in Pediatric and Adolescent Health Care*. 2004; 34(9):317-348.
26. Linden CH, Lewander WJ. Herbicides. In Wolfson AB, Hendey BW, Hendey PL et al, Eds. *Clinical Practice of Emergency Medicine*. 4th ed. Philadelphia, PA: Lippincott Williams & Wilkins. 2005:1537.
27. Lewander WJ, Aleguas A. Petroleum Distillates and Plant Hydrocarbons. In *Haddad and Winchester's Clinical Management of Poisoning and Drug Overdose, 4th Edition*. Edited by MShannon, SW Borron, MBurns. Saunders (Elsevier). 2007; 92:1343-1346.
28. Lewander WJ, Linakis JG: Hydrocarbons. In *Intensive Care Medicine, 6th Edition*. Edited by JM Rippe, RS Irwin. Boston, Little, Brown & Co. 2008.
29. Simon H, Lewander WJ, Rutman M. Gastric Intubation. In *Textbook of Pediatric Emergency Procedures, 2nd Edition*. Edited by C King, RM Henritig. Williams & Wilkins. 2008; 84:822-828.
30. Linden, CH and Lewander WJ. Herbicides. In *Clinical Practice of Emergency Medicine, 5th Edition*. Edited by Alan B. Wolfson. Lippincott, Williams & Wilkins. 2009; 1432-1434.
31. Lewander WJ. Rash-Urticaria. In *Textbook of Pediatric Emergency Medicine, Sixth Edition*, Ed. Fleisher and Ludwig. Lippincott, William & Wilkins, 2010.
32. Kaminer Y, Spirito A, Lewander WJ. Brief Motivational Interventions, Cognitive-Behavioral Therapy, and Contingency Management for Youth Substance Use Disorders. In *Clinical Manual of Adolescent Substance Abuse Treatment*. American Psychiatric Publishing, Inc. 2010.
33. Palmisicano L, Lewander WJ. "Congenital Heart Disease, Acyanotic". In *Rosen & Barkin's 5 Minute Emergency Medicine Consult, 4th Edition*. Lippincott Williams & Wilkins 2011; 250-253 2011
34. Palmisicano L, Lewander WJ. "Congenital Heart Disease, Cyanotic". In *Rosen & Barkin's 5 Minute Emergency Medicine Consult, 4th Edition*. Lippincott Williams & Wilkins 2011; 250-253 2011
35. Lewander, WJ, Aleguas A. "Hydrocarbon Poisoning." In *Intensive Care Medicine*. Irwin, Cerra, Rippe, 1464- 1470 2012.

36. Palmisciano LM, Lewander WJ. “Congenital Heart Disease, Acyanotic”, In Schaidler J, Hayden SR, Wolfe R, Barkin RM, Rosen P, editors. *Rosen and Barkin’s 5 Minute Emergency Medicine Consult*, 5th Edition. Philadelphia: Lippincott, Williams and Williams. 2015.
37. Palmisciano LM, Lewander WJ. “Congenital Heart Disease, Cyanotic”, In Schaidler J, Hayden SR, Wolfe R, Barkin RM, Rosen P, editors. *Rosen and Barkin’s 5 Minute Emergency Medicine Consult*, 5th Edition. Philadelphia: Lippincott, Williams and Williams. 2015.
38. Aleguas Jr A, Lewander WJ. “Thyroid Hormones”, In Schafermeyer R, Tenenbein M, Macias C, Sharieff G, Yamamoto L, editors. *Strange and Schafermeyer’s Pediatric Emergency Medicine*, 4th Edition. 122:666-667. 2015.
39. Aleguas Jr A, Lewander WJ. “Hydrocarbon Aspiration”, In UpToDate, Rose BD (ed.) https://www.uptodate.com/contents/hydrocarbonpoisoning?search=hydrocarbon%20aspiration&source=search_result&selectedTitle=1~3&usage_type=default&display_rank=1 , Waltham MA. (REV. 2013, 2015, 2017)
40. Aleguas Jr. A, Lewander WJ. “Alkalis and Acids”, In Schafermeyer R, Tenenbein et al, editors. *Strange and Schafermeyer’s Pediatric Emergency Medicine*, 5th Edition. 2018.
41. Aleguas Jr. A, Lewander WJ. “Thyroid Hormones”, In Schafermeyer R, Tenenbein et al, editors. *Strange and Schafermeyer’s Pediatric Emergency Medicine*, 5th Edition. 2018.
42. Lewander, WJ, Aleguas A. “Hydrocarbon Poisoning.” In Irwin, Craig, Lilly, Mayo Rippe et al, editors. *Irwin & Rippe’s Intensive Care Medicine*. 8th Edition., 1058- 1064. 2018.
43. Palmisciano LM, Lewander WJ. “Congenital Heart Disease, Cyanotic”, In Schaidler J, Hayden SR, Wolfe R, Barkin RM, Rosen P, editors. *Rosen and Barkin’s 5 Minute Emergency Medicine Consult*, 6th Edition. Philadelphia: Lippincott, Williams and Williams. October 7, 2019.
44. Palmisciano LM, Lewander WJ. “Congenital Heart Disease, Acyanotic”, In Schaidler J, Hayden SR, Wolfe R, Barkin RM, Rosen P, editors. *Rosen and Barkin’s 5 Minute Emergency Medicine Consult*, 6th Edition. Philadelphia: Lippincott, Williams and Williams. 2019.
45. Aleguas A., Lewander WJ. Hydrocarbon Poisoning, In: Irwin RS, Lilly CM, Mayo PH, Rippe JM, eds. *Irwin and Rippe’s Intensive Care Medicine* (9th ed.). Philadelphia: Wolters Kluwer, 2023.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Lacouture PG and Lewander WJ. No more tears (letter). *Journal of Emergency Medicine* 17:54, 1985.

2. Spirito A, Riggs S, Lewander WJ, et al. Survey of adolescent suicide attempters in the Rhode Island Hospital Pediatric Emergency Department. *Rhode Island Medical Journal*, 72:401-5, 1989.
3. Lewander WJ, Kleinman M. Emergency Medical Services and the Pediatric Patient. *Rhode Island Medical Journal*, 75:409-13, 1991.
4. Vivier PM, Lewander WJ, Martin HF, Linakis JG. Isopropyl alcohol intoxication in a neonate through chronic dermal exposure: A complication of a culturally- based umbilical care practice. *Pediatric Emergency Care*, 10(2):91, 1994.

ABSTRACTS - PUBLISHED

1. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD. Role of repetitive Kayexalate in lowering serum lithium concentration in the mouse. *Annals of Emergency Medicine*, 19:465, 1990.
2. Linakis JG, Hull KM, Lacouture PG, Lewander WJ, Maher TJ. Multiple dose sodium polystyrene sulfonate (SPS) enhances the elimination of intravenously administered lithium. *The Pharmacologist*, 32:149, 1990.
3. Linakis JG, Hull KM, Lacouture PG, Maher TJ, Lewander WJ. Enhancement of lithium (Li) elimination by multiple dose sodium polystyrene sulfonate (SPS). *Veterinary and Human Toxicology*, 32:351, 1990.
4. Alario AJ, Duhaime A, Lewander WJ, Tsiaras W, Wallach M, O'Shea JS. Do Retinal Hemorrhages Occur with Accidental Head Trauma in Young Children? *American Journal of Diseases of Children*, 144(4):445, 1990. (Presented at the 30th Annual Ambulatory Pediatric Association Meeting, Anaheim, CA, May, 1990.)
5. Alario AJ, Lewander WJ, Dennehy P, Seifer R, Mansell A. Efficacy of Metaproterenol in Improving Symptoms of Children with RSV Bronchiolitis. *American Journal of Diseases of Children*, 144(4):444, 1990. (Presented at the 30th Annual Ambulatory Pediatric Association Meeting, Anaheim, CA, May, 1990.)
6. Berns SD, Linakis JG, Lewander WJ, Alario AJ, Oh W. Patterns of Utilization of an Urban Pediatric Emergency Department. *Pediatric Research*, 29(4, Part2):118A, 1991. (Presented at the 101st Annual Society for Pediatric Research Meeting, New Orleans, LA, May, 1991.)
7. Alario AJ, Lewander WJ, Dennehy PH, Seifer R, Mansell AL. Utility of Oxygen Saturation in Evaluating the Response to Treatment in Wheezing Infants. *American Journal of Diseases of Children* 145(4):401-2, 1991. (Presented at the 31st Annual Ambulatory Pediatric Association Meeting, New Orleans, LA, May, 1991.)
8. Frederick KA, Johnson PN, Lewander WJ, Medication Misuse in Group Homes - an Expected Consequence of Deinstitutionalization? *Veterinary and Human Toxicology* 33(4):381, 1991. (Presented at the American Academy of Clinical Toxicology/American

Association of Poison Control Centers/American Board of Medical Toxicology/Canadian Association of Poison Control Centers Annual Scientific Meeting, Toronto, Ontario, Canada, October, 1991.)

9. Vivier PM, Lewander WJ, Martin HF. Isopropyl Alcohol Intoxication in a Neonate Through Chronic Dermal Exposure. *Veterinary and Human Toxicology* 33(4):391, 1991. (Presented at the American Academy of Clinical Toxicology/American Association of Poison Control Centers/American Board of Medical Toxicology/Canadian Association of Poison Control Centers Annual Scientific Meeting, Toronto, Ontario, Canada, October, 1991.)
10. Aleguas A, Linakis JG, Lewander WJ, Bell's Palsy Associated with Toluene Exposure. *Veterinary and Human Toxicology* 33(4):372, 1991. (Presented at the American Academy of Clinical Toxicology/American Association of Poison Control Centers/American Board of Medical Toxicology/Canadian Association of Poison Control Centers Annual Scientific Meeting, Toronto, Ontario, Canada, October 1991.)
11. Vivier PM, Lewander WJ, Block SH, Simon PR, Alario AJ, Linakis JG: Is Continuity of Care Preserved in Children Who Utilize the Pediatric Emergency Department (PED)? *Pediatric Research* 31(4, Part 2):129A, 1992. (Presented at the 102nd Annual Society for Pediatric Research Meeting, Baltimore, MD, May 1992.)
12. Kumar VR, Jackson JL, Linakis JG, Lewander WJ, Alario AJ. Are Plain Abdominal Radiographs Useful in the Evaluation of Acute Abdominal Pain in Children? *American Journal of Diseases of Children* 147(4):444, 1993. Presented at the Annual Meeting, Ambulatory Pediatric Association, Washington, DC, May 1993.
13. Lockhart GR, Lewander WJ, Cimini DM, Josephson SL, Linakis JG. Utility of urinary gram stain for detection of urinary tract infection in young infants. *Annals of Emergency Medicine*, 22(5):887, 1993. Presented at the Annual Meeting, Society for Academic Medicine, San Francisco, CA, May 1993.
14. Vivier PM, Linakis JG, Peter G, Alario AJ, Block SH, Lewander WJ, Obstacles to Providing Routine Childhood Immunizations in the Emergency Department. *Pediatric Research* 33(4, Part 2):96A, 1993. Presented at the 103rd Annual Meeting, Society for Pediatric Research, Washington, DC, May 1993.
15. Chung T, Colby S, Spirito A, Barnett N, Rohsenow D, Woolard R, Lewander WJ, Monti P, Screening for problem drinking among adolescents in an emergency department setting. Poster accepted for presentation at the meeting of the Research Society on Alcoholism, San Francisco, CA. Published in May 1997, *Alcoholism: Clinical and Experimental Research*. 21(3), Supplement, p 25a (Abstract# 131).
16. Barnett N., Colby S., Monti P., Spirito A., Rohsenow D., Woolard R., Lewander WJ. (1998). Overcoming the barriers to conducting research with alcohol-positive adolescents in an emergency department. *Alcoholism: Clinical and Experimental Research*, 22(3), 123A.

17. Monti PM, Colby SM, Barnett NP, Rohsenow DJ, Spirito A, Woolard RH, Myers M, Lewander WJ. (June 1999). Brief intervention for harm reduction with alcohol-positive older adolescents in a hospital emergency room. In R. Longabaugh and P.M. Monti (Chairs), Brief Motivational Intervention in the Emergency Department of the Research Society on Alcoholism, Santa Barbara, CA.
18. Colby SM, Monti PM, Barnett NP, Rohsenow DJ, Spirito A, Woolard RH, Myers M, Lewander WJ. (June 1999). Motivational interviewing for alcohol-related emergencies: Outcome for 13-17 year olds. In R. Longabaugh and P.M. Monti (Chairs), Brief Motivational Interventions in the Emergency Department of the Research Society on Alcoholism, Santa Barbara, CA.
19. Linakis JG, Mello MJ, Palmisciano LM, Lewander WJ. Amusement attraction injuries resulting in emergency department visits in children: A national prospective. *PAS*, 4870:399, 2006.

ABSTRACTS – EXHIBITED

1. Wright R, Anderson A, Linakis JG, Lewander WJ. Utility of Antiemetics in the Administration of N-acetyl Cysteine for Acetaminophen Overdose. Submitted for acceptance at the National Toxicology Conference, Rochester, NY, September, 1995.
2. Lewander WJ, Anderson AC, Santucci KA, McQuillen K, Linakis JG. Pediatric Toxicology Update Workshop. National Conference Ambulatory Pediatric Association, Washington, DC, May, 1996.
3. Santucci KA, Anderson AC, Lewander WJ, Linakis JG, Departments of Pediatrics and Emergency Medicine, Brown University School of Medicine, and Hasbro Children's Hospital. Frozen Oral Hydration Therapy (OHT) As An Alternative to Standard Enteral Fluids, Platform APA, Platform SAEM. National Conference Ambulatory Pediatric Association, Washington, DC, May, 1996.
4. Longobardi Y, Duffy S, Wright R., Lewander WJ, Linakis JG, Comparison of Topical Anesthetic Efficacy of Three Preparations of TAC and Viscous Cocaine Alone for Minor Laceration Repair in Children . Poster APA National Conference Ambulatory Pediatric Association, Washington, DC, May, 1996.
5. Barnett NP, Colby SM, Weissman K, Spirito A, Rohsenow DJ, Lewander WJ, Woolard R, Monti PM, Brown University. Motivational Intervention With Adolescent Smokers In An Emergency Department Setting. (Association for Advancement of Behavior Therapy 30th Annual Convention New York, NY November 21-24, 1996.)
6. Wright R, Anderson A, Woolf A, Linakis JG, Lewander WJ, Rhode Island Poison Control System, Brown Medical School, Massachusetts Poison Control System, Harvard Medical School, Boston, MA Optimal Metoclopramide Dose To Prevent Emesis After Administration Of Oral N-Acetylcysteine For Acetaminophen Overdose. North American Congress of Clinical Toxicology Annual Meeting Portland, Oregon, October 10-15, 1996.

7. Presented at the Annual Meeting of the Society for Research on Nicotine and Tobacco in San Diego, CA , March 1999, Lewander, W.L., Colby, S.M., O’Leary, T.A., Monti, P.M., Hayes, K., Spirito, A., Woolard, R., Riggs, S., “Indices of Nicotine Dependence among Adolescent Smokers in a Hospital Setting.”
8. Woolard RH, Monti PM, Colby SM, Barnett NP, Spirito A, Rohsenow DJ, Myers M, Lewander WJ. (April 1999). Brief motivational intervention for older adolescents with alcohol-related ED visits. Presented at the New England Regional Society for Academic Emergency Medicine. Boston, MA.
9. Wright RO, Santucci KA, Lewander WJ, Jay GD, Steele DW. Association of Physical Exam Signs with Pulsus Paradoxus in Children with Acute Asthma. APA/SPR/AAP Annual Meeting, Boston, MA. May 13, 2000.
10. Lockhart GR, Claxton E, Lewander WJ, Auerbach P, Andrada E. Individualized Wound Care Teaching Laboratory Improves Pediatrics Residents’ Knowledge and Wound Care Skills. APA/SPR/AAP Annual Meeting, Baltimore, MD. May 1, 2001.
11. Palmisciano LM, Linakis JG, Smith H, Lewander WJ. Emergency department visits in the US for nonfatal, unintentional scald burns in children less than 6 years stratified by age 2001-2002. PAS, 2005;57:3044.
12. Vivier PM, Schech SD, Blume JD, Linakis JG, Lewander WJ. Child characteristics and enrollment patterns for Medicaid and commercially enrolled children in the same managed care organization. Child Health Services Research Meeting, 2005.
13. Vivier PM, Linakis JD, Lewander WJ, Schech SD, Blume JD. Ambulatory use patterns for Medicaid and commercially enrolled children in the same managed care organization. Child Health Services Research Meeting, 2005.
14. Vivier PM, Scheck SD, Blume JD, Linakis JG, Lewander WJ. Do ambulatory care use patterns explain the greater emergency department use for Medicaid enrolled children as compared to commercially enrolled children in the same managed care organization? Child Health Services Research Meeting, 2005, Boston, MA.
15. Vivier PM, Lewander WJ, Scheck SD, Blume JD, Linakis JG. Differences in emergency department use patterns for Medicaid and commercially enrolled children in the same managed care organization. Child Health Services Research Meeting, Boston, MA, 2005.
16. Sindelar HA, Spirito A, Lewander WJ, Monti PM, Barnett NP. Detection of ETOH+ teens in the ED in need of intervention. American Academy of Pediatrics 2006 National Conference and Exhibition, Atlanta, GA. October 9, 2006.

INVITED PRESENTATIONS

1. American Academy of Clinical Toxicology/American Association of Poison Control Centers Annual Scientific Meeting, Kansas City, MO, August 4-9, 1985: "Acute pediatric thyroxine ingestions."

2. 1987 scientific meeting of the American Academy of Clinical Toxicology/American Association of Poison Control Centers/American Board of Medical Toxicology/Canadian Association of Poison Control Centers Annual Scientific Meeting, Vancouver, British Columbia, Canada, September 27-October 2, 1987: "Dosage form as a risk factor in accidental poisoning in children." "In vitro lithium binding with sodium polystyrene sulfonate." "Methemoglobinemia following occupational exposure to sodium betanaphthol disulfonate (R Salt)" "Source of Poison Center phone number during an emergency."
3. Third Annual Pediatrics Emergencies Conference, Williamsburg, Virginia, June 15-19, 1988: "Vascular access workshop." "Common serious toxicologic emergencies."
4. Annual Summer Seminar, Problems in Pediatrics, July 12-15, 1988, Colby College, Waterville, Maine: "Emergency airway management." "Approach to the poisoned patient."
5. Topics in Emergency Medicine Seminar, Long Beach, California, December 7-9, 1988: "Approach to the poisoned patient." "Management of common pediatric poisonings." "Vascular access workshop."
6. Emergency Medicine Scientific Conference, San Diego, California, May 6-11, 1989: "Activated charcoal and sodium polystyrene sulfonate (Kayexalate) in gastric decontamination for lithium intoxication: An animal model."
7. Co-presenter - 31st Annual Ambulatory Pediatric Association Meeting, New Orleans, LA, May 1991: The Relationship Between Oxygen Saturation and the Clinical Assessment of Acutely Wheezing Infants and Children.
8. Lecture, Seminar on Childhood Violence, Rhode Island Department of Health, April, 1992: "Firearms and Children."
9. Lecturer for national course in Pediatric Emergency Medicine, Tampa, Florida, September 1992: "Signs and Symptoms" "Environmental Emergencies"
10. Lecture, EMS seminar, "Shock and Respiratory Failure," Roger Williams Hospital, February 6, 1992. Moderator May, 1993.
11. Instructor, American Academy of Pediatrics' APLS: Pediatric Emergency Medicine Course, Washington, DC, November 1, 1993.
12. Faculty, seminar, "Emergency Medical Services for Children," American Academy of Pediatrics Annual Meeting, Washington, DC, November, 1993.
13. EMT-C Lecture Seminar, "Pediatric Emergencies," Brown Medical School, November 29, 1993.
14. Lecture, Pediatric Advanced Life Support course, "Shock & Respiratory Failure," Brown University Medical School, June 17 & 18, 1994.

15. Moderator, Platform Presentations, Ambulatory Pediatric Association Annual Meeting Pediatric Emergency Medicine Special Interest Group. May 4, 1993.
16. Lecture, Kiwanis Trauma Symposium, "How Children Are Different." Rhode Island Hospital, November 12, 1995.
17. Barnett NP, Colby SM, Weissman K, Spirito A, Rohsenow DJ, Lewander WJ, Woolard RH, Monti PM, (1996). Motivational intervention with adolescent smokers in an emergency department setting. Poster presented at the annual conference of the Association for the Advancement of Behavioral Therapy. New York, NY.
18. Co-director of workshop at APA/SPR Annual Meeting, "Effecting change in the legislature: Becoming an active part of the solution." Washington, DC, May 7, 1996.
19. Co-director of toxicology workshop at APA/SPR Annual Meeting, "Controversies in toxicology" Washington, DC May 7, 1996.
20. Lecture, Kiwanis Pediatric Trauma Symposium, "Pediatric Trauma Management", Rhode Island Hospital, November 16, 1996.
21. National Faculty /PREP-EM AAP Board Preparation Course. Lectures: "Alkalis and Acids", "Narcotics", "Organophosphates", "Acute Scrotum", "Headache". Chicago, Illinois August 20-25, 1996.
22. Invited Lecture, Tobey Hospital, "Recognition and Management of Shock and Respiratory Failure" Wareham, MA, March 13, & 14, 1997.
23. Invited Lecture, American Academy of Pediatrics Annual Meeting "Current Issues and Controversies in Toxicology" New Orleans, LA, November 1-5, 1997.
24. National Faculty /PREP-EM AAP Board Preparation Course. Lectures: "Toxicology Emergencies." LaJolla, CA September 1998.
25. Invited director of workshop at the American Academy of Pediatrics Fall Annual Meeting, "Killer Toxins" Washington, D.C., October 13, 1999.
26. National Faculty /PREP-EM AAP Board Preparation Course. Lectures: "Toxicology Emergencies" and "Renal Emergencies." Seattle, WA, September, 2000.
27. International Faculty/PREP-EM AAP Board Preparation Course. Lectures: "Toxicology Emergencies," and "Environmental Emergencies." Workshops: "Airway Management," and "Suturing." Montreal, Canada. July 2002.
28. "Assessment and disposition planning for adolescent suicide attempters treated in the ED." Paper presented in symposium entitled "Psychiatric Disorders in the Pediatric Emergency Room" (R. Martin, MD Chair). Annual meeting of the American Academy and Adolescent Psychiatry, Washington DC, October 2004.

GRANTS

1. Development of a clinical instrument for emergency room physicians to evaluate suicide intent in adolescent suicide attempters. New England network to Prevent Childhood Injuries. December 1987 to September 1988. Co-investigator, (Anthony Spirito, Ph.D., P.I.) (\$12,500).
2. A prospective follow-up study of adolescent suicide attempters Rhode Island Department of Health Research Grant July 1988 to July 1989. Co-investigator, (Anthony Spirito, Ph.D., P.I.) (\$50,000).
3. Use of Kayexalate to increase lithium clearance: An animal model. American Academy of Toxicology. 1989, Co-investigator, (James Linakis, M.D., Ph.D., P.I.) (\$1,000).
4. A prospective follow-up study of adolescent suicide attempter. Rhode Island Department of Health Research Grant. July 1989 to July 1990. Co-P.I., Anthony Spirito, Ph.D. (\$30,000).
5. Program to train all Rhode Island Paramedics in Pediatric Advanced Life Support. Kiwanis Club Grant, July 1990, P.I. (\$6,000).
6. Program to train Pediatric Residents in Advanced Trauma Life Support. Kiwanis Club Grant, March 1993, P.I. (\$2,000).
7. Pediatric Code Card, Merck Pharmaceuticals, FA #RG-1030249, August, 1993. Randy Rockney, WJ. Lewander, Anthony Alario. (\$1,000).
8. Motivational interviewing for teen drinking and driving. Brown University Center for Alcohol and Addiction Studies Research Improvement Award, April 1993 - March 1994. Co-investigator. (Peter Monti, Ph.D., P.I.) (\$10,000).
9. Motivational interviewing for teen drinking and driving. National Institute on Alcohol Abuse and Alcoholism, 6/1/94 - 2/28/99. Co - Investigator, (Peter Monti, Ph.D., P.I.) (\$1,324,676).
10. Co-Investigator. Rhode Island Emergency Medical Services for Children Program (subcontracted from Division of EMS, RI Dept of Health) FY 95: (\$264,035).
11. Co-Investigator. EMSC Targeted Issue Grant (MCHB) - PEDI-STAT: Pediatric Emergency Dispatch and Information System for Telephone Assistance and Treatment. Rhode Island Emergency Medical Services for Children Program (subcontracted from Division of EMS, RI Dept. of Health) FY96 (\$149,973).
12. Co-investigator, Community Treatment of Adolescent Suicide Attempters. National Institute of Mental Health, 6/1/96 - 4/30/99, Co-P.I. Anthony Spirito, Ph.D., P.I. (\$506,323).

13. Co-investigator, National Institute on Drug Addiction Teen Smoking Grant; “Motivational Interviewing for Teen Smokers in the Emergency Department.” The purpose of this study is to test the efficacy of a brief, individual motivational interview delivered in an emergency department, for reducing subsequent rates and prevalence of smoking in an adolescent population. 1 R01DA11204 (Monti), (\$267,061) 9/1 1997 – 7/30/2002.
14. Co-investigator, Family Motivational Interviews for ETOH+ Teens in the ER; NIAAA; 7/1/02 through 6/30/07 (pending final notice of award letter); Total direct (\$2,116,891), Direct for year (\$414,790). 1 R01 AA13385 – 01A1 Anthony Spirito, Ph.D., PI

UNIVERSITY TEACHING ROLES

1. Lecturer: Brown University FOCUS Program, So You Think You Want to Be a Doctor: An Introduction to Medicine. 1996 summer program.
2. Course Director: Pediatric Emergency Medicine, Course No. BIOMED 565. Approximately 6 hrs/week of bedside teaching for 10 4th-year medical students, 1990-1998; PEM attending for bedside teaching, 4 hrs/week, 1999 to present.
3. Ambulatory Pediatric Clerkship Director: Emergency Medicine BIOMED. Approximately 6 hrs/week bedside teaching and 1-2 hrs/month of lectures for 90 clerkship students per year, 1998 to present. Instructor 2003-Present.
4. Lecturer: Organ System Pharmacology, Brown University BIOMED 274: 1990-1992.
5. Affinity Group Leader: Special Olympics Medical Team, Brown University: 1995 -1999.
6. Lecturer: Toxicology Course, Brown University BIOMED 565, required part of the core curriculum for Pediatric Emergency Medicine fellows and emergency medicine residents, elective course for 3rd and 4th year Brown University medical students, official elective for University of Rhode Island Pharmacy Doctoral students. Approximately 20 students per year, 1997 – present.
7. Director, Pediatric Emergency Medicine Family Medicine Rotation: Approximately 6 hrs/week bedside teaching to 12 second year residents per year, 1998 – 2012. Instructor, 2013-Present.
8. OSCE testing of 3rd year Brown University medical students on completion of pediatric clerkship, 1998 – present.
9. Educator: Department of Emergency Medicine, 1990 - present.
10. Educator: Department of Pediatric Emergency Medicine, 1995 – present
11. Instructor: Brown Medical School, Biomed 450, Core Pediatrics, 6 hrs/year, lectures, medical students; 100 hrs/year, bedside teaching of medical students, 1998 to present

12. Instructor: Brown Medical School course Biomed 565 – Clinical Elective in Pediatric Emergency Medicine, 50 hrs/year, bedside teaching; 6 hrs/year, lecture and discussion with medical students, 1998 to 2010; 50 hrs/year, bedside teaching 2011 - present.
13. Instructor: Brown Medical School course Biomed 563 – Emergency Medicine, 6 hrs/year, lectures to medical students and residents, 1998 to present.
14. Preceptor: Department of Family Medicine residents and students, Brown Medical School, academic year 2005 to present.

MENTORING

1. Mentor: First Aid Chart developed for American Academy of Pediatrics
May 1993
2. Mentor: National Youth Leadership Forum on Medicine, Providence, RI
July 1995
July 1999
3. Mentor: Brown Medical School course Biomed 540, Community Health Clerkship, 120 hrs/year:
 - Lynne Sweeney, BMS: The epidemiology of injuries presenting to the Hasbro Children's Hospital emergency department, May 2003.
 - Amy Schechter, BMS: Pediatric emergency department utilization: Should we be concerned? September 2003.
 - Hannah Famiglietti, BMS: Pre-ED protocols for pediatric injuries among Rhode Island first responders, November 2003.
 - Hilary Smith, BMS: Hot water scald injuries in children 0-6: A comparison of Providence, RI to national results using the NEISS and National Trauma Registry of the American College of Surgeons (INTRACS), November 2004.
 - Colin Stack, BMS: Disparities of care in the management of facial lacerations between Medicaid and privately-insured patient populations presenting to a pediatric emergency room: Results of a pilot study, July 2005.
 - Peter Vezeridis, BMS: Disparities in emergency department care of children with facial lacerations by type of health insurance, August 2005.
 - Erin Smith, BMS: Disparities in care: Pediatric fractures in the emergency department: A pilot study, September 2005.
4. Mentor: National Youth Leadership Forum, three hours annually.

5. Mentor: Brown EM Faculty, one to two times annually to discuss academic, clinical, promotion and Life/Work issues, needs and goals.
6. Identified promising future PEM faculty and helped facilitate plans of mature faculty to transition. 2018-Present.

COMMUNITY ACTIVITIES

1. Medical Staff, Special Olympics, 1985 to present.
2. American Heart Association PALS Subcommittee Chair, April 1996.
3. Special Olympics – Ten-Year Leadership Commitment Award, 1994.
4. “Healthy Habits Health Fair,” Fishing Cove Kindergarten Center, North Kingstown, Rhode Island, 2000, 2001.