

July 1, 2006

## CURRICULUM VITAE

**James G. Linakis, M.S., Ph.D., M.D.**

### PERSONAL

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### EDUCATION

Hamilton College, Clinton, New York, 1970-1974. B.A. in  
Psychology, 1974.

University of Oregon Health Sciences Center, Portland, Oregon,  
1975-1980. M.S. (1979) and Ph.D. (1980) in Medical Psychology  
(Experimental Biopsychology).

Yale University School of Medicine, New Haven, Connecticut.  
M.D., 1984; Highest Academic Honors.

Brown University, Providence, Rhode Island, 1998. A.M. (*ad  
eundem*)

### POSTGRADUATE TRAINING

Yale-New Haven Hospital, New Haven, Connecticut. Pediatrics  
Internship and Residency, 1984-1987.

The Children's Hospital, The Massachusetts Poison Control System  
and Harvard Medical School, Boston, Massachusetts. Pediatric  
Emergency Medicine/Clinical Pharmacology/Toxicology Fellowship,  
1987-1989

### POSTGRADUATE HONORS AND AWARDS

NIAAA Predoctoral Traineeship, University of Oregon Health  
Sciences Center, 1975-1978.

N.L. Tartar Research Fellowship, University of Oregon Health  
Sciences Center, 1979-1980.

March of Dimes Birth Defects Foundation Summer Research

CURRICULUM VITAE  
James G. Linakis, M.S., Ph.D., M.D.

Fellowship for Medical Students, Yale University School of Medicine, 1981.

Morris Y. Krosnick, M.D. Pediatric Housestaff Award, Department of Pediatrics, Yale-New Haven Hospital, 1987.

American Academy of Clinical Toxicology Research Award, 1988.

Society for Academic Emergency Medicine Award for Best Pediatric Acute Care and Trauma Research Presentation, 1989.

Rhode Island Hospital Pediatric Housestaff Teaching Award, 1990.

Pediatric Housestaff, Divisional Teaching Award, Hasbro Children's Hospital/Brown Medical School, 1998, 1999, 2000, 2006.

PROFESSIONAL  
LICENSURE AND  
CERTIFICATION

Board Certified, American Board of Pediatrics, April, 1989;  
Recertified, October 3, 1997.

Board Certified, Pediatric Emergency Medicine, American Board of Pediatrics, November, 1994; Recertified, April 28, 2000.

Diplomate, National Board of Medical Examiners, 1985.

Rhode Island Medical License #7578

Basic Life Support Recertification, 1989 - present

ATLS Provider Certification, 1998 - present

PALS Provider Certification, 1990 - present

PALS Instructor, 1990 - present

APLS Lecturer, 1989, 1996

ACADEMIC  
APPOINTMENTS

National Institute of Alcohol Abuse and Alcoholism (NIAAA)

Predoctoral Trainee, University of Oregon Health Sciences Center, Portland, Oregon, 1975 - 1977. Advisor: Judson S. Brown, Ph.D.

N.L. Tartar Research Fellow, Department of Medical Psychology, University of Oregon Health Sciences Center, 1979 - 1980.

CURRICULUM VITAE  
James G. Linakis, M.S., Ph.D., M.D.

ACADEMIC  
APPOINTMENTS  
(continued)

Associate in Research, Department of Pediatrics, Yale University School of Medicine, 1981 (summer). Laboratory Director: Bennett Shaywitz, M.D.

Clinical Fellow in Medicine: Clinical Pharmacology/  
Toxicology/Pediatric Emergency Medicine, Harvard Medical School, Boston, Massachusetts, 1987 - 1989.

Assistant Professor of Pediatrics, Brown University, Providence, Rhode Island, 1990 - 1997.

Associate Professor of Pediatrics, Brown University, Providence, Rhode Island, 1997 - 2004.

Associate Professor of Emergency Medicine & Pediatrics, Brown Medical School, Providence, Rhode Island, 2004 - present.

HOSPITAL  
APPOINTMENTS

Assistant in Medicine, The Children's Hospital, Boston, Massachusetts, 1988 - 1989.

Pediatric Emergency Attending, Rhode Island Hospital, Providence, Rhode Island, 1989 - present.

Associate Director, Pediatric Emergency Medicine, Hasbro Children's Hospital/Rhode Island Hospital, 1995 - present

OTHER  
APPOINTMENTS

Associate Medical Director, Rhode Island Poison Center, Providence, Rhode Island, 1989 - 1992.

Research Associate, Roger Williams Cancer Center, Providence, Rhode Island, 1992 - 1993.

Co-director, Pediatric Emergency Medicine Fellowship, Rhode Island Hospital/Brown University, 1992 - 1995.

Board of Directors, University Emergency Medicine Foundation, Inc., 1995 - 1998; 2001 - present.

Abstract Reviewer, Pediatric Academic Society, Pediatric Emergency Medicine, 1998.

Reviewer, Pediatric Emergency Care, 1988 – present.

Reviewer, Pediatrics, 1989 – present.

OTHER  
APPOINTMENTS  
(continued)

Reviewer, Annals of Emergency Medicine, 1996 – present.

Reviewer, Academic Emergency Medicine, 1999 – present.

Ad hoc reviewer, Western Journal of Medicine

Ad hoc reviewer, Southern Medical Journal

Ad hoc reviewer, Pharmacology & Toxicology

Ad hoc reviewer, Journal of Toxicology: Clinical Toxicology

Abstract Reviewer, Pediatric Academic Society, Pediatric Emergency Medicine, 1998.

Abstract Reviewer, Pediatric Academic Society, General Pediatrics, 2004.

Abstract Reviewer, Pediatric Academic Society, Pediatric Emergency Medicine, 2005.

HOSPITAL  
COMMITTEES

Rhode Island Hospital Quality Assurance Committee, 1990 – 1992.

Co-Chair, Research Committee, Emergency Department, Rhode Island Hospital, 1990 - present.

Children's Hospital of Rhode Island Development Committee, Emergency Department subcommittee, 1990 - 1994.

SMS Computer System Committee, Physician's Subgroup, Rhode Island Hospital, 1993 - 1995.

Research Statistician Search Committee, Rhode Island Hospital, 1994.

Rhode Island Hospital Department of Pediatrics Fellowship Core Curriculum Coordinating Committee, 1993 - present; Chair, 1994 - 1997.

Rhode Island Hospital Human Investigational Review Board, 1994 - present. Associate Chair, 1997 - present.

Program Committee, Second Annual Pediatric Colloquium, Department of Pediatrics, Hasbro Children's Hospital, 1994-1995.

HOSPITAL  
COMMITTEES  
(continued)

Rhode Island Hospital Department of Pediatrics Resident Evaluation Committee, 1994 - 1997.

Academic Committee, University Emergency Medicine Foundation, 1995 – present; Chair, 2000 – present.

Finance Committee, University Emergency Medicine Foundation, 1999 – 2003.

Negotiations Committee, University Emergency Medicine Foundation, 2000 - present.

Board of Directors, University Emergency Medicine Foundation, 1997 - 1999, 2001 - 2006.

Patient Safety Committee, Rhode Island Hospital, 2001 - 2003.

Patient Safety Committee, Department of Emergency Medicine, Hasbro Children's Hospital, 2001 - present.

Bioterrorism/Disaster Committee, Rhode Island Hospital, 2002 – 2003.

Scholarship Oversight Committee, Department of Emergency Medicine & Pediatrics, 2004 – present.

UNIVERSITY  
COMMITTEES

Pediatric Emergency Medicine Attending Search Committee Brown University, 1990 - 1991.

Pediatric Emergency Medicine Attending Search Committee, Brown University, 1991 - 1992.

Pediatric Emergency Medicine Attending Search Committee, Brown University, 1992 - 1993.

Pediatric Emergency Medicine Attending Search Committee, Brown University, 1993 - 1994.

Emergency Department Research Coordinator Search Committee, Rhode Island Hospital/Brown University, 1993 - 1996.

Emergency Medicine Attending Search Committee, Brown University, 1994.

Brown University School of Medicine Competency-based  
Curriculum Acute Encounters Assessment Committee, 1996 – 1999.

Department of Pediatrics, Rheumatology Attending Search  
Committee, Brown University, 2002 – 2003.

Brown University School of Public Health, MPH Thesis Committee,  
2003 – present.

#### MEMBERSHIP IN SOCIETIES

Fellow, American Academy of Pediatrics; Member, Sections on  
Pediatric Emergency Medicine, Clinical Pharmacology.

Member, Ambulatory Pediatric Association, 1995 - present

Member, Society for Pediatric Research, 1995 - present

Member, Rhode Island Medical Society, 2000 - present

Member, American Pediatric Society, 2003 – present

Member, Society for Advancement of Violence and Injury Research  
(SAVIR), 2006-present.

## PUBLICATIONS

### PEER REVIEWED

#### Original Publications

1. Linakis JG, Cunningham CL: Effects of concentration of ethanol injected intraperitoneally on taste aversion, body temperature and activity. Psychopharmacology 1979; 64:61-65.
2. Linakis JG, Cunningham CL: Ethanol and stimulus generalization. Bulletin of the Psychonomic Society 1980; 15:135-138.
3. Linakis JG, Cunningham CL: The effects of embryonic exposure to alcohol on learning and inhibition in chicks. Neurobehavioral Toxicology 1980; 2:243-251.
4. Cunningham CL, Linakis JG: Paradoxical aversive conditioning with ethanol. Pharmacology, Biochemistry and Behavior 1980; 12:337-341.

#### Original Publications (continued)

5. Raskin LA, Shaywitz BA, Anderson GA, Cohen DJ, Teicher MH, Linakis JG: Differential effects of selective dopamine, norepinephrine or catecholamine depletion on activity and learning in the developing rat. Pharmacology, Biochemistry and Behavior 1983; 19:743-749.
6. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Administration of activated charcoal or sodium polystyrene sulfonate (Kayexalate<sup>TM</sup>) as gastric decontamination for lithium intoxication: An animal model. Pharmacology & Toxicology 1989; 65:387-389.
7. Linakis JG, Shannon MW, Woolf AD, Sax C: Recurrent methemoglobinemia due to acute dapsone intoxication in a child. Journal of Emergency Medicine 1989; 7:477-480.
8. Linakis JG, Lacouture PG, Woolf A: Monitoring cyanide and thiocyanate concentrations during infusion of sodium nitroprusside in children. Pediatric Cardiology 1991; 12:214-218.
9. Linakis JG, Eisenberg MS, Lacouture PG, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Multiple dose sodium polystyrene sulfonate in lithium intoxication: An animal model. Pharmacology & Toxicology 1992; 70:38-40.
10. Linakis JG, Lacouture PG, Woolf AD: Iron absorption from chewable vitamins with iron vs. iron tablets: Implications for toxicity. Pediatric Emergency Care 1992; 8: 321-324.
11. Simon HK, Linakis JG: Pediatric Emergency Medicine Fellowship survey 1991-92. Pediatric Emergency Care 1992; 8: 331-334.
12. Linakis JG, Frederick KA: Poisoning deaths not reported to the Regional Poison Control Center. Annals of Emergency Medicine 1993; 22: 1822-1828.
13. Tucker JR, Linakis JG: Complications of varicella: Varicella-associated cerebritis in a child. Case report and review. Journal of Emergency Medicine 1993; 11:535-538.
14. Berns SD, Linakis JG, Lewander WJ, Alario AJ, Oh W: Patterns of utilization of an urban pediatric emergency department. Pediatric Emergency Care 1994; 10: 13-17.
15. 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, 1994; 10: 208-212.

Original Publications (continued)

16. Simon HK, Muehlberg A, Linakis JG: Serum amylase determinations in pediatric patients presenting to the ED with acute abdominal pain or trauma. The American Journal of Emergency Medicine, 1994; 12: 292-295.
17. Simon HK, Cox JM, Sucov A & Linakis JG: Serum ethanol clearance in intoxicated children and adolescents presenting to the pediatric emergency department. Academic Emergency Medicine, 1994; 1: 520-524.
18. 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 1994; 10:91-93.
19. 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, 1995; 25: 31-35.
20. 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, 1995; 95: 37-41.
21. Wright RO, Jay GD, Becker BM, Linakis JG: Use of infrared thermometry to measure lavage and intravenous fluid temperature. The American Journal of Emergency Medicine, 1995; 13: 281-284.
22. Linakis JG, Hull KM, Lee CM, Maher TJ, Lewander WJ, Lacouture PG: Effect of delayed treatment with sodium polystyrene sulfonate on serum lithium concentrations in mice. Academic Emergency Medicine, 1995; 2:681-685.
23. Nypaver MM, Linakis JG, Klein BL: In the absence of consent. Pediatric Emergency Care 1995; 11:192-195.
24. Suner S, Simon HK, Feit LR, Linakis JG: A child with idiopathic ventricular tachycardia of prolonged duration. Annals of Emergency Medicine 1995; 25:706-709.
25. Linakis JG, Hull KM, Lacouture PG, Lockhart GR, Lewander WJ, Maher TJ: Sodium polystyrene sulfonate treatment of lithium toxicity: Effects on serum potassium concentrations. Academic Emergency Medicine, 1996; 3:333-337.
26. Suner S, Jagminas L, Peipert JF, Linakis JG: Fatal spontaneous rupture of a gravid uterus: Case report and literature review of uterine rupture. American Journal of Emergency Medicine, 1996; 14:181-185.
27. Simon HK, Linakis JG, Anderson AC, Lewander WJ: Obtaining a faculty position in academic emergency medicine. Pediatric Emergency Care, 1997; 13:130-133.

Original Publications (continued)



28. Linakis JG, Hull KM, Lacouture PG, Lockhart GR, Lewander WJ, Maher TJ: Enhancement of lithium elimination by multiple dose sodium polystyrene sulfonate. Academic Emergency Medicine, 1997; 4:175-178.
29. Handrigan MT, Wright RO, Becker BM, Jay GD, Linakis JG: Factors and methodology in determining delivery temperature of warmed lavage and intravenous fluids. The American Journal of Emergency Medicine, 1997; 15: 350-353.
30. Santucci K, Lewander WJ, Linakis JG: Frozen oral hydration therapy (OHT) as an alternative to standard enteral fluids. Archives of Pediatrics & Adolescent Medicine, 1998; 152: 142-146.
31. Linakis JG, Savitt DL, Wu T-Y, Lockhart GR, Lacouture PG: Use of sodium polystyrene sulfonate (SPS) for reduction of plasma lithium concentrations after chronic lithium dosing in mice. Journal of Toxicology. Clinical Toxicology, 1998; 36: 309-313.
32. Santucci K, Shah BR, Linakis JG: Acute isoniazid exposures and antidote availability. Pediatric Emergency Care, 1999; 15: 99-101.
33. Wright RO, Anderson AC, Lesko SL, Woolf AD, Linakis JG, Lewander WJ: Optimal metoclopramide dose to prevent emesis of N-acetylcysteine in acetaminophen overdose. Journal of Toxicology. Clinical Toxicology, 1999; 37: 32-42.
34. Linakis JG, Raymond RM: Effect of amiloride on age-dependent cardiac dysfunction following ischemia/reperfusion in the isolated perfused rat heart. Shock 1999; 11: 218-223.
35. Duffy SJ, McGrath ME, St. Angelo LM, Becker, BM, Linakis JG: Mothers with histories of domestic violence in a pediatric emergency department. Pediatrics 1999; 103: 1007-1013.
36. Santucci KA, Nelson DG, McQuillen KK Duffy S, Linakis JG: Wood's lamp utility in the identification of semen. Pediatrics, 1999, 104: 1342-1344.
37. Linakis JG, Savitt DL, Schuyler JE, Raymond RM: Lithium has no direct effect on cardiac function in the isolated, spontaneously beating rat heart. Pharmacology & Toxicology, 2000, 87: 39-45.
38. Linakis JG, Savitt DL, Trainor BJ, Young JE, Lacouture PG: Potassium repletion fails to interfere with reduction of serum lithium concentrations by sodium polystyrene sulfonate in mice. Academic Emergency Medicine, 2001, 8: 950-955.
39. Marby D, Lockhart GR, Raymond R, Linakis JG: Anti-interleukin-6 antibodies attenuate inflammation in a rat meningitis model. Academic Emergency Medicine, 2001, 8: 946-949.

Original Publications (continued)

40. Brousseau DC, Dansereau LM, Linakis JG, Leddy T, Vivier PM: Differences in pediatric emergency department utilization by type of medical home within a statewide Medicaid managed care system. Academic Emergency Medicine, 2002, 9: 296-299.
41. Brousseau DC, Duffy SJ, Anderson AC, Linakis JG: Migraines in the pediatric emergency department: A randomized, double blind trial of iv ketorolac versus iv prochlorperazine. Annals of Emergency Medicine, 2004, 43: 256-262.
42. Amato CS, Wang R, Wright RO, Linakis JG: Use of a promotility agent to limit the gut bioavailability of extended-release acetaminophen. Journal of Toxicology, Clinical Toxicology, 2004, 42:73-77.
43. Overly F, Wright RO, Connor FA, Fontaine B, Jay G, Linakis JG: Bispectral analysis during pediatric procedural sedation. Pediatric Emergency Care, 2005, 21:6-11.
44. Overly F, Wright RO, Connor F, Linakis JG: Bispectral analysis during deep sedation in pediatric patients undergoing oral surgery. Journal of Oral and Maxillofacial Surgery, 2005, 63:215-219.
45. Constantine E, Linakis JG: The assessment and management of hypertensive emergencies and urgencies in children. Pediatric Emergency Care, 2005, 21: 391-397.
46. Mello MJ, Linakis J, Meyer S, Nirenberg TD, Baird J, Renza G: Bicycle related traumatic brain injury at Hasbro Children's Hospital: 1997-2003. Medicine and Health, Rhode Island, 2005, 88: 192-193.
47. Skarbek-Borowska SE, Amanullah S, Mello MJ, Linakis JG: Emergency department visits for sledding injuries in the United States. Academic Emergency Medicine, 2006, 13:181-185.
48. Linakis JG, Amanullah S, Mello MJ: Emergency department visits for injury in school-aged children in the United States: A comparison of non-fatal injuries occurring within and outside of the school environment. Academic Emergency Medicine, 2006, 13: 567-570.
49. Constantine E, Steele DW, Ebersson C, Linakis JG: Local anesthetic techniques for closed forearm fracture reduction in children: Variations in practice among academic pediatric emergency departments. Pediatric Emergency Care, in press.

#### OTHER PEER-REVIEWED PUBLICATIONS

1. Linakis JG: Amoxapine. Clinical Toxicology Review 1988; 10(12).
2. Linakis, JG: Childhood lead poisoning. Rhode Island Medicine, 1995; 78: 22-26.
3. Anderson AA, Linakis JG: Childhood lead poisoning. Infants & Children: An Update for Pediatric Clinicians, 1997; 4:9-11.
4. Linakis JG: Childhood lead poisoning, though preventable, still devastates lives. The Brown University Child and Adolescent Behavior Letter. 2000, 16(4).

## BOOKS AND BOOK CHAPTERS

### Books

1. Pueschel SM, Linakis JG, Anderson AC, eds. Lead Poisoning in Childhood. Baltimore: Paul H. Brookes Publishing Co., 1996.

### Chapters

1. Lewander WJ, Linakis JG: Hydrocarbons. In: JM Rippe, RS Irwin, JS Alpert, MP Fink (Eds): Intensive Care Medicine, 2nd ed. Boston, Little, Brown & Co., 1991.
2. Linakis JG: Acetaminophen. In: HL May (Ed): Emergency Medicine. Boston, Little, Brown & Co., 1992
3. Linakis JG: Lithium. In: HL May (Ed): Emergency Medicine. Boston, Little, Brown & Co., 1992.
4. Linakis JG: Methanol and Ethylene Glycol. In: HL May (Ed): Emergency Medicine. Boston, Little, Brown & Co., 1992.
5. Linakis JG, Lovejoy FH, Jr.: The use of antipyretics. In: SH Yaffe (Ed): Pediatric Pharmacology: Therapeutic Principles in Practice. New York, W.B. Saunders Co., 1992.
6. Jackson JL, Linakis JG: Ankle and foot injuries. In: RM Barkin, S Asch, G Caputo, et al. (Eds): Pediatric Emergency Medicine : Concepts and Clinical Practice. Chicago, Mosby-Year Book Inc., 1992.
7. Linakis, JG: Hypertension. In: G Fleisher & S Ludwig (Eds): Textbook of Pediatric Emergency Medicine, 3rd Edition. Baltimore, Williams & Wilkins, 1993.

Chapters (Continued)

8. Linakis JG, Wiley JF: Management of upper GI bleeding. In: F Henretig & C King (Eds): Textbook of Pediatric Emergency Procedures. Baltimore, Williams & Wilkins, 1997.
9. Linakis JG: Hypertension. In: G Fleisher & S Ludwig (Eds): Synopsis of Pediatric Emergency Medicine. Baltimore, Williams & Wilkins, 1995.
10. Lewander WJ, Linakis JG: Hydrocarbons. In: JM Rippe, RS Irwin, M P Fink, FB Cerra (Eds): Intensive Care Medicine, 3rd ed. Boston, Little, Brown & Co., 1996.
11. Anderson AC, Pueschel SM, Linakis JG: The pathophysiology of lead poisoning In: SM Pueschel, JG Linakis, AC Anderson (Eds): Lead Poisoning in Childhood. Baltimore: Paul H. Brookes Publishing Co., 1996.
12. Linakis JG, Anderson AC, Pueschel SM: Screening for lead poisoning. In: SM Pueschel, JG Linakis, AC Anderson (Eds): Lead Poisoning in Childhood. Baltimore: Paul H. Brookes Publishing Co., 1996.
13. Linakis JG, Anderson AC, Pueschel SM: Environmental abatement. In: SM Pueschel, JG Linakis, AC Anderson (Eds): Lead Poisoning in Childhood. Baltimore: Paul H. Brookes Publishing Co., 1996.
14. Pueschel SM, Linakis JG, Anderson AC: Lead poisoning: A historic perspective. In: SM Pueschel, JG Linakis, AC Anderson (Eds): Lead Poisoning in Childhood. Baltimore: Paul H. Brookes Publishing Co., 1996.
15. Eisenmesser B, Linakis JG: Lithium toxicity. In: emedicine (Online textbook, <http://www.emedicine.com/>). Boston: Boston Medical Publishing Corp., 1997.
16. Linakis JG: Toxic emergencies of the newborn. In: LM Haddad, JF Winchester, MW Shannon (Eds): Clinical Management of Poisoning and Drug Overdose. 3rd ed. Philadelphia: W.B. Saunders Co., 1998
17. Linakis JG: Hypertension. In: J Orenstein, B Klein, T Mayer (Eds): Pediastat. Baltimore, CRC Press, CD-ROM, 1999.
18. Linakis JG: Lead poisoning. In: J Orenstein, B Klein, T Mayer (Eds): Pediastat. Baltimore, CRC Press, CD-ROM, 1999.
19. Lewander WJ, Linakis JG: Hydrocarbons. In: JM Rippe, RS Irwin, M P Fink, FB Cerra (Eds): Intensive Care Medicine, 4th ed. Boston, Little, Brown & Co., 1999.
20. Linakis JG: Hypertension. In: G Fleisher & S Ludwig (Eds): Textbook of Pediatric Emergency Medicine, 4th Edition. New York, Lippincott Williams & Wilkins, 2000.

Chapters (Continued)

21. Palmisciano L, Linakis JG: Toxicologic and Environmental Procedures. In: J Goepp, M. Hostetler (Eds.): Procedures for Primary Care Pediatricians. St. Louis, Mosby, Inc., 2001.
22. Fearon D, Linakis JG: Hypertension. In: S Selbst, K. Cronan (Eds.) Pediatric Emergency Medicine Secrets. Philadelphia, Hanley & Belfus, Inc., 2001.
23. Linakis JG: Hypertension. In: G Fleisher & S Ludwig (Eds): Synopsis of Pediatric Emergency Medicine, 4th edition. Baltimore, Williams & Wilkins, 2002.
24. Lewander WJ, Linakis JG: Hydrocarbons. In: JM Rippe, RS Irwin (Eds): Intensive Care Medicine, 5th ed. Boston, Little, Brown & Co., 2003.
25. Linakis JG, Helfrich S. Toxic emergencies of the newborn. In: MW Shannon, S Borron, M Burns (Eds): Haddad & Winchester's Clinical Management of Poisoning and Drug Overdose. 4th ed. Philadelphia: W.B. Saunders Co., in press.
26. Linakis JG, Constantine E. Hypertension. In: G Fleisher & S Ludwig (Eds): Textbook of Pediatric Emergency Medicine, 5th Edition. New York, Lippincott Williams & Wilkins, 2005.
27. Garro, A, Linakis JG. Umbilical vessel catheterization. In: C King & F Henretig (Eds): Textbook of Pediatric Emergency Procedures. 2<sup>nd</sup> ed. Baltimore, Williams & Wilkins, in press.

#### OTHER NON-PEER REVIEWED PUBLICATIONS

##### Theses and Dissertations

1. Linakis JG. Ethanol and stimulus control. Masters Thesis, Department of Medical Psychology, University of Oregon Health Sciences Center, 1978.
2. Linakis JG. Prenatal exposure to alcohol: Effects on discrimination learning and conditioned inhibition in the chick. Doctoral Dissertation, Department of Medical Psychology, University of Oregon Health Sciences Center, 1980.

##### Letters

1. Linakis JG, Lewander WJ, Savitt DL, Lockhart GR, Trainor B, Lacouture PG: Re: In vitro binding of lithium using the cation exchange resin sodium polystyrene sulfonate. The American Journal of Emergency Medicine, 1995; 13:669-670.
2. Simon HK, Linakis JG: Research directions in emergency medicine. The American Journal of Emergency Medicine, 1997; 15:440.

#### PUBLICATIONS SUBMITTED OR IN PREPARATION

Linakis JG, Palmisciano LM, Mello MJ, Amanullah S: Injuries to children in the United States related to trampolines: An update. Submitted.

Palmisciano LM, Linakis JG, Mello MJ, Amanullah S: Comparison of football injuries treated in the ED in pre high school and high school aged players: A national perspective, 2001-2002. In preparation.

Rocholl CW, Overly FL, Linakis JG, Steele DW: A prospective observational study of the utility of anorexia, ketosis and other clinical variables to predict appendicitis. Submitted.

Amanullah S, Vivier PM, Linakis JG. Emergency department utilization due to injury and poisoning in RItCare patients less than 22 years of age in the State of Rhode Island during 1998-2001. In preparation.

Vivier PM, Schech SD, Blume JD, Linakis JG, Lewander WJ: Do ambulatory care use patterns explain the greater emergency department (ED) use for Medicaid enrolled children as compared to commercially enrolled children in the same managed care organization? In preparation.

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. In preparation.

Vivier PM, Linakis JG, Lewander WJ, Schech SD, Blume JD: Ambulatory use patterns for Medicaid and commercially enrolled children in the same managed care organization. In preparation.

Vivier PM, Lewander WJ, Schech SD, Blume JD, Linakis JG: Differences in emergency department (ED) use patterns for Medicaid and commercially enrolled children in the same managed care organization. In preparation.

#### ABSTRACTS

1. Linakis JG, Cunningham CL: Behavioral consequences of prenatal exposure to alcohol: Effects on discrimination, conditioned inhibition, and the transfer of inhibition. Alcoholism: Clinical and Experimental Research 1980; 4:222.
2. Linakis JG, Eisen TF, Grace A , Graef JW: Normalization of lead levels following single dose EDTA. Veterinary and Human Toxicology 1988; 30:359.
3. Linakis JG, Lacouture PG, Woolf AD: Monitoring nitroprusside toxicity in children: Do we know what we're doing? Veterinary and Human Toxicology 1988; 30:367-368.

ABSTRACTS (continued)

4. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Use of sodium polystyrene sulfonate (Kayexalate™) in lithium overdose: An animal model. Veterinary and Human Toxicology 1988; 30:354.
5. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Role of activated charcoal and sodium polystyrene sulfonate (Kayexalate™) in gastric decontamination for lithium intoxication: An animal model. Annals of Emergency Medicine 1989; 18:445.
6. Linakis JG, Eisenberg MS, Lacouture PG, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Repetitive sodium polystyrene sulfonate (SPS) lowers serum lithium (Li) in mice. The Pharmacologist 1989; 31:179.
7. Linakis JG, Shannon MW: Plumbism in the children of young professionals: Yuppie lead. Veterinary and Human Toxicology 1989; 31:341.
8. Linakis JG, Lacouture PG, Woolf AD: Iron absorption from chewable multivitamins with iron vs. ferrous fumarate tablets. Veterinary and Human Toxicology 1989; 31:342.
9. Linakis JG, Lacouture PG, Eisenberg MS, Maher TJ, Lewander WJ, Driscoll JL, Woolf AD: Multiple dose sodium polystyrene sulfonate in lithium intoxication: An animal model. Veterinary and Human Toxicology 1989; 31:364.
10. Shannon MW, Eisen TF, Linakis JG, Woolf AD: Clinical features of acute versus chronic lithium intoxication. Veterinary and Human Toxicology 1989; 31:370.
11. Linakis JG, Lacouture PG, Woolf AD: Absorption of iron from chewable multivitamins with iron vs. ferrous fumarate tablets. Pediatric Emergency Care 1989; 5:285.
12. 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 1990; 19:465.
13. 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 1990; 32:149.
14. Linakis JG, Frederick KA: Poisoning deaths not reported to the Regional Poison Control Center. Veterinary and Human Toxicology 1990; 32:372.
15. 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 1990; 32:351.

ABSTRACTS (continued)

16. Berns SD, Linakis JG, Lewander WJ, Alario AJ, Oh W: Patterns of utilization of an urban pediatric emergency department. Pediatric Research 1991; 29:118A.
17. Aleguas A, Linakis JG, Lewander WJ: Bell's palsy associated with toluene exposure. Veterinary and Human Toxicology 1991; 33:372.
18. Linakis JG, Lacouture PG, Woolf A: Monitoring cyanide and thiocyanate concentrations during infusion of sodium nitroprusside in children. Clinical Digest Series 1992.
19. 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? Pediatric Research 1992; 31:129A.
20. Linakis JG, Hull KM, Lockhart GR, Lacouture PG, Maher TJ, Lewander WJ: Repetitive doses of sodium polystyrene sulfonate (SPS) enhance the elimination of parenterally administered lithium (Li) and lower serum potassium (K) concentrations in mice. Annals of Emergency Medicine 1992, 21:631.
21. Linakis JG, Hull KM, Lee C, Lacouture PG, Maher TJ, Lewander WJ: Effect of delay of treatment with sodium polystyrene sulfonate (SPS) on its ability to lower serum lithium (Li) concentrations in mice. Annals of Emergency Medicine 1992; 21:630-631.
22. 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 1993; 143:444.
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ABSTRACTS (continued)

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ABSTRACTS (continued)

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ABSTRACTS (continued)

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50. Overly F, Fontaine B, Wright RO, Jay G, Linakis JG: Bispectral analysis in the pediatric emergency department during conscious sedation. Academic Emergency Medicine, 2002; 9:518.
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52. Linakis JG, Amanullah S: Emergency department visits for nonfatal injuries occurring at school in school-aged children in the United States: 2001-2002. PAS, 2005; 57:2858.
53. Linakis JG, Palmisciano LM, Mello MJ, Amanullah S: Injuries to children in the United States related to trampolines: An update. PAS, 2005; 57:1443.
54. Linakis JG, Mello MJ, Brady AC, Kollett M, Park JG: Emergency department visits for diabetic emergencies occurring at school. PAS, 2005; 57:2859.
55. Park JG, Linakis JG, Kollett M: Pediatric emergency department visits for diabetes-related diagnoses: Comparison of Medicaid- and commercially insured patients. PAS, 2005; 57:2860.
56. Rocholl CW, Overly FL, Linakis JG, Steele DW: A prospective observational study of the utility of anorexia, ketosis and other clinical variables to predict appendicitis. PAS, 2005; 57:2911.
57. Skarbek-Borowska SE, Amanullah S, Linakis JG: Emergency department visits for sledding injuries in the United States. PAS, 2005; 57:2897.
59. Palmisciano LM, Linakis JG, Mello MJ, Amanullah S: Comparison of football injuries treated in the ED in pre high school and high school aged players: A national perspective, 2001-2002. PAS, 2005; 57:3045.
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61. Vivier PM, Schech SD, Blume JD, Linakis JG, Lewander WJ: Do ambulatory care use patterns explain the greater emergency department (ED) use for Medicaid enrolled children as compared to commercially enrolled children in the same managed care organization? Child Health Services Research Meeting, 2005.

ABSTRACTS (continued)

62. 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.
63. Vivier PM, Linakis JG, 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.
64. Vivier PM, Lewander WJ, Schech SD, Blume JD, Linakis JG: Differences in emergency department (ED) use patterns for Medicaid and commercially enrolled children in the same managed care organization. Child Health Services Research Meeting, 2005.
65. Linakis JG, Mello MJ, Palmisciano LM, Lewander WJ: Amusement attraction injuries resulting in emergency department visits in children: A national perspective. PAS, 2006, 4870.399.
66. Linakis JG, Mello MJ, Amanullah S, Palmisciano LM: Emergency department visits for horseback riding injuries in children in the US, 2001-2003. PAS, 2006, 4870.398.
67. Amanullah S, Linakis JG, Kollett M, Vezeridis P: Differences in presentation, management, and disposition of pediatric extremity fractures by type of health insurance in a level 1 trauma center. PAS, 2006, 4870.375.
68. Bromberg JR, Adams A, Palmisciano L, Linakis JG, Mello MJ, Nirenberg T: Conducting successful evaluation of high school based interventions using passive and anonymous consent procedures. APHA, 2006.

INVITED PRESENTATIONS

1. Linakis JG, Cunningham CL: Behavioral consequences of prenatal exposure to alcohol: Effects on discrimination, conditioned inhibition, and the transfer of inhibition. Paper presented at the Medical-Scientific Conference of the National Council on Alcoholism/American Medical Society on Alcoholism/Research Society on Alcoholism - National Alcoholism Forum, Seattle, May, 1980.
2. Linakis JG, Rozzi AV: Initial management of the poisoned patient. Workshop presented at the Massachusetts Poison Control System First Annual Spring Symposium: Current Concepts in Clinical Toxicology, Worcester, Massachusetts, June, 1988.
3. Linakis JG: Iron toxicity. Pediatric Grand Rounds, Medical Center Hospital of Vermont, November, 1988.

INVITED PRESENTATIONS (continued)

4. Linakis JG: Toxicology Update - Iron. Pediatric Emergencies: Trauma/Ingestions/Infections, Boston University School of Medicine, Boston City Hospital, Harvard Medical School, November, 1989.
5. Linakis JG: The Poisoned Child. Pediatric Grand Rounds, Memorial Hospital/Brown University, February 1990.
6. Linakis JG: Advanced Pediatric Life Support Instructor at 1990 Annual Meeting of The American Academy of Pediatrics, Boston, Massachusetts, October, 1990.
7. Linakis JG: Evaluation and Management of the Patient with Iron Overdose, Attending Rounds, Department of Medicine, Rhode Island Hospital, March 1992.
8. Linakis JG: Field Management of the Pediatric Burn Patient, Pediatrics for EMS, Roger Williams Hospital, February, 1993.
9. Linakis JG: Update on Lead Poisoning, Brown University/Rhode Island Poison Center, Second Annual Clinical Toxicology Conference, November, 1994.
10. Linakis JG: Prehospital Care for Cold Water Near-Drowning, Discussion Panel, Rhode Island EMS for Children Program, January, 1996.
11. Lewander WJ, Anderson AC, Santucci K, McQuillen K, Linakis JG: Toxicology Update, Workshop presented at APA/SPR meetings, Washington, DC, May, 1996.
12. Linakis JG: Co-moderator, APA/SPR Emergency Medicine, Joint session; research presentations, Washington, DC, May, 1996.
13. Linakis JG: Lithium toxicity, Renal Grand Rounds, Department of Medicine, Rhode Island Hospital, November 1996.
14. Linakis JG: Co-moderator, APA/SPR Emergency Medicine, Joint session; research presentations, New Orleans, May, 1998.
15. Linakis JG: Toxicology Update, Pediatric Trauma and Emergency Care Conference, Boston University School of Medicine, May, 1999.
16. Linakis JG: Topics in Toxicology, Pediatric Grand Rounds, Lawrence General Hospital, Lawrence, MA, September, 1999.
17. Linakis JG: Management of Chemical Casualties, Managing the Consequences of Weapons of Terrorism, Rhode Island Emergency Management Agency, Warwick, RI, November, 2001.

INVITED PRESENTATIONS (continued)

18. Linakis JG. Sodium Polystyrene Sulfonate (Kayexalate) in Lithium Intoxication, 50<sup>th</sup> Contributions from the Last 50 Years, 50<sup>th</sup> Anniversary of the founding of the Massachusetts Poison Control Center, Children's Hospital/Harvard Medical School, Boston, MA, March, 2005.

## GRANTS

American Academy of Toxicology, "Use of Kayexalate to increase lithium clearance: An animal model.", 1989, \$1000, Principal Investigator: James G. Linakis, Ph.D., M.D.

Gustavus and Louise Pfeiffer Research Foundation, "Reduction of lithium toxicity by decreasing its absorption or enhancing its elimination with sodium polystyrene sulfonate", 1991-92, \$27,350, Principal Investigator: James G. Linakis, Ph.D., M.D..

American Heart Association Affiliate Grant-in-Aid, "Ontogeny of cardiac reperfusion injury following ischemic insult: Role of sarcolemmal ion exchangers", 1999-2001, \$75,484, Principal Investigator: James G. Linakis, Ph.D., M.D.

Rhode Island Mental Health, State Incentive Grant, "Substance Abuse Prevention", 2004 - 2006 , \$160,000, Principal Investigator: Lynne Palmisciano, M.D., Co-Investigator: James G. Linakis, Ph.D., M.D.

Prospective Epidemiologic Study of the Severity of Bronchiolitis in Infants Treated in Urgent/Emergent and Hospital Settings, contract with Merck, Co., Inc. 2004-2005, \$38,000; Site PI: Dale W. Steele, MD, Co-Investigator: James G. Linakis, Ph.D., M.D.

## UNIVERSITY TEACHING ROLES

Brown University School of Medicine, Medical Student Research Mentor, Calvin M. Lee, Effect of delayed treatment with sodium polystyrene sulfonate on serum lithium concentrations in mice, 1994.

Brown University School of Medicine, Medical Student Research Mentor, Tammy Wu, Use of sodium polystyrene sulfonate (SPS) for reduction of plasma lithium concentrations after chronic lithium dosing in mice, 1996.

Brown University School of Medicine, Biomed 450, Core Pediatrics

1. Clinical lectures: 6 hr/year (medical students) 2. Bedside teaching: 188 hr/year

## UNIVERSITY TEACHING ROLES (continued)

Brown University School of Medicine, Biomed 565, Clinical Elective in Pediatric Emergency Medicine: 50 hr/year bedside teaching, 6 hr/yr lecture/discussion (medical students)

Brown University, Biomed 563, Emergency Medicine, 6 hr/yr, lectures (medical students & residents)

Brown University, Biomed 540, Community Health Clerkship, 120 hr/yr, mentor.

Lynne Sweeney, BMS: *The Epidemiology of Injuries Presenting to the Hasbro Children's Hospital Emergency Department.*

Amy Schecter, BMS: *Pediatric Emergency Department Utilization: Should We Be Concerned?*

Hannah Famiglietti, BMS: *Pre-ED Protocols for Pediatric Injuries Among Rhode Island First Responders.*

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 (NTRACS).*

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.*

Brown University School of Public Health, MPH Advisor/Reader, Siraj Amanullah, MD. *Emergency Department Utilization due to Injury and Poisoning in RIteCare patients less than 22 years of age in the State of Rhode Island during 1998-2001.*

Brown University School of Public Health, MPH Advisor/Reader, J. Grace Park, DO. *Pediatric emergency department visits for diabetes-related diagnoses: Comparison of Medicaid- and commercially insured patients.*

## HOSPITAL TEACHING ROLES

Clinical Toxicology 12 hrs/yr (medical students & residents)

Pediatric Emergency Medicine Fellows Research Mentor, annually

Pediatric Residency, Pediatric Emergency Medicine Teaching Conferences, 8 hrs/year

National Youth Leadership Forum, Mentor, 3 hours annually

Initial Management of the Poisoned Patient (nurses)

OTHER ACTIVITIES

Co-author, Paramedic Pediatric Protocols for the State of Rhode Island, 1990.

Co-director, Rhode Island Hospital Lead Treatment Clinic, January, 1991 - 1997.

Expert testimony before RI State Legislature regarding Emergency Management of Diabetes in the School Setting, 2003-2004.



*Vitae Addendum*

RESIDENT RESEARCH MENTORSHIP

Patrick Vivier, MD, Research mentor 1991-1993, Is continuity of care preserved in children who utilize the pediatric emergency department?; Obstacles to providing routine childhood immunizations in the emergency department.

Michael Handrigan, MD, Research mentor 1994-1995, Optimal temperatures for intravenous and lavage fluid in hypothermia.

Elizabeth Claxton, MD, Research co-mentor 1998, Are parents of pediatric emergency patients compliant with prescription instructions?

FELLOW RESEARCH MENTORSHIP

J. Leigh Jackson, MD, Research mentor 1989-1991, Clinical utility of abdominal radiographs for the evaluation of acute abdominal pain in the pediatric emergency department.

Frank Jehle, MD, Research mentor 1990-1992, Motor vehicle rollovers: Clinical outcomes.

Jeff Tucker, MD, Research mentor 1990-1992, Rapid assessment of dehydration in pediatric emergency patients with vomiting and diarrhea.

Greg Lockhart, MD, Research mentor 1991-1993, Utility of urinary gram stain for detection of urinary tract infection in young infants.

Hal Simon, MD, Research mentor 1992-1994, Ethanol metabolism in adolescents and children; Are pediatric emergency medicine training programs meeting their goals and objectives? A self-assessment of individuals completing fellowship training in 1993; Serum amylase determinations in pediatric patients presenting to the ED with acute abdominal pain or trauma.

Veena Kumar, MD, research mentor 1992-1994, Are plain abdominal radiographs useful in the evaluation of acute abdominal pain in children?; A comparison of pediatric & adult patients who leave the emergency department prior to being seen by a physician.

Susan Duffy, MD, research mentor 1993-1995, Mothers with histories of domestic violence in a pediatric emergency department; Emergency department predictors of child abuse: Characteristics of the ED visit.

Robert Wright, MD, research mentor 1993-1995, Use of infrared thermometry to measure lavage and intravenous fluid temperature.

Karen Santucci, MD, research mentor 1994-1997, Frozen oral hydration therapy (OHT) as an alternative to standard enteral fluids; Acute isoniazid exposures and antidote availability; Wood's lamp utility in the identification of semen.

Yen Longobardi, MD, research mentor 1994-1997, Comparison of topical anesthetic efficacy of three preparations of TAC and viscous cocaine alone for minor laceration repair in children.

David Marby, MD, research co-mentor 1996-1999, Anti-interleukin-6 antibodies attenuate meningeal inflammation in an experimental rat model of meningitis.

David Brousseau, MD, research co-mentor 1996-1999, Differences in pediatric emergency department utilization by type of medical home within a statewide medicaid managed care system; Migraines in the pediatric emergency department: A randomized, double blind trial of iv ketorolac versus iv prochlorperazine.

Christopher Amato, MD, research mentor 1998-2001, Use of a promotility agent to limit the gut bioavailability of extended-release acetaminophen.

Emily Andrada, MD, research co-mentor 1999-2002, Predictors of abnormal chest radiographs(CXR) in pediatric blunt trauma.

Frank Overly, MD, research mentor 2000-2003, Bispectral analysis in the pediatric emergency department during conscious sedation.

Laura Snyder, MD, research co-mentor 2000-2003, Scooter injuries presenting to the pediatric emergency department.

Siraj Amanullah, MD, research co-mentor 2001-2004, Emergency department utilization due to injury and poisoning in RItCare patients less than 22 years of age in the State of Rhode Island during 1998-2001.

Alexandra Taylor, MD, research co-mentor 2001-2004, Effectiveness of injury prevention education presented during a pediatric emergency department visit.

Christian Rocholl, MD, research co-mentor 2002-2005, A prospective observational study of the utility of anorexia, ketosis and other clinical variables to predict appendicitis.

Sara Skarbek-Borowska, MD, research mentor 2002-2005, Emergency department visits for sledding injuries in the United States.

J. Grace Park, DO, research mentor 2004-2005, Pediatric emergency department visits for diabetes-related diagnoses: Comparison of Medicaid- and commercially insured patients.