

CURRICULUM VITAE

Name: Carl Raphael Baum, MD, FAAP, FACMT

Associate Professor, Clinician-Educator Track
Department of Pediatrics
Yale University School of Medicine
New Haven CT

Education: A.B., Dartmouth College, June 1981
M.Sc. (Geological Sciences), Brown University, May 1983
Post-Baccalaureate Program (Pre-Medical),
University of Pennsylvania, May 1985
M.D., University of Pennsylvania, May 1990

Career: June 1990 – June 1991, Intern, Pediatrics
Children's Hospital of Philadelphia, Philadelphia, PA
July 1991 – June 1993, Resident, Pediatrics
Children's Hospital of Philadelphia, Philadelphia, PA
July 1993 – June 1995, Clinical Fellow, Pediatrics
Harvard Medical School, Boston MA
July 1993 – June 1996, Fellow, Pediatrics
Pediatric Emergency Medicine
Pharmacology and Toxicology
Children's Hospital, Boston MA
July 1995 – June 1996, Instructor, Pediatrics
Harvard Medical School, Boston MA
July 1996 – August 2000, Assistant Professor, Pediatrics
Northwestern University Medical School
July 1996 – August 2000, Attending Physician
Pediatric Emergency Medicine
Children's Memorial Hospital, Chicago, IL
July 1996 – August 2000, Director, Toxicology Service,
Children's Memorial Hospital, Chicago, IL
July 1996 – August 2000, Voluntary Attending Physician, Medicine
Division of Occupational and Environmental Medicine
Toxikon Consortium
Cook County Hospital, Chicago, IL
July 1997 – August 2000, Volunteer Staff
Illinois Poison Center, Chicago, IL
July 1999 – August 2000, Deputy Director
Center for Children's Environmental Health
Cook County Hospital, Chicago, IL
August 2000 – June 2005, Assistant Professor, Pediatrics
Yale University School of Medicine, New Haven, CT
August 2000 – Attending Physician, Pediatric Emergency Medicine

Yale-New Haven Children's Hospital, New Haven, CT
 August 2000 – Director, Medical Toxicology
 Yale-New Haven Hospital, New Haven, CT
 August 2000 – Clinical Instructor, Emergency Medicine
 Traumatology and Emergency Medicine
 University of Connecticut School of Medicine
 Farmington, CT
 August 2000 – Consulting Toxicologist
 Connecticut Poison Control Center
 University of Connecticut Health Center
 Farmington, CT
 July 2003 – Director
 Center for Children's Environmental Toxicology
 Yale-New Haven Children's Hospital
 New Haven, CT
 July 2003 – Pediatric Consultant
 Office of Emergency Preparedness
 Yale-New Haven Health System
 New Haven, CT
 July 2003 – Public Health Preparedness Advisory Committee
 State of Connecticut Department of Public Health
 July 2005 – Associate Professor, Pediatrics
 Yale University School of Medicine, New Haven, CT
 July 2005 – Director, Yale Lead Program
 Yale University School of Medicine, New Haven, CT

Board Certification:

National Board of Medical Examiners
 1991 Diplomate #390120

American Board of Pediatrics
 1994 Diplomate, **General Pediatrics** #52722
 Recertified 2001 (expires 2008)

1996 Diplomate, **Pediatric Emergency Medicine** #513
 Recertified 2002 (expires 2010)

1998 Diplomate, **Medical Toxicology** #18
 (expires 2008)

Professional Honors:

1994 Recipient, Postdoctoral Clinical Toxicology
 Fellowship (\$7500)
 American Academy of Clinical Toxicology/Texaco

1999- Fellow, American Academy of Pediatrics
 Section on Injury & Poison Prevention
 Section on Emergency Medicine

2003- Fellow, American College of Medical Toxicology

**Grant History:
Current**

- 2005-2006 Associate Member, American Board of Pediatrics
- 2005 Recipient
Children's Environmental Health Recognition Award
Office of Children's Health Protection
U.S. Environmental Protection Agency
- 2006- Member, American Board of Pediatrics
- 2001- Friends of the Yale-New Haven Children's Hospital
"Urine Analysis of a Tobacco-Specific Carcinogen in
Children Exposed to Environmental Tobacco
Smoke"
Principal Investigator: **Carl Baum, MD**
(effort: 5%)
\$7500
- 2003- Friends of the Yale-New Haven
Children's Hospital
Establishment of a Center for Children's
Environmental Toxicology at Yale-New
Haven Children's Hospital
Director: **Carl Baum, MD**
(effort: 10%)
\$5000
- 2003- US Department of Health and Human
Services
Health Resources and Services
Administration
National Terrorism Hospital Preparedness
Program
Regional Surge Capacity for the Care of
Victims of Terrorism
Yale-New Haven Health System Center of
Excellence
Pediatric Consultant: **Carl Baum, MD**
(effort: 10%)
\$25,000
- 2005-2008 US Department of Housing and Urban
Development
City of New Haven
Lead Based Paint Hazard Control Program
Yale University
Lead Program and Regional Treatment Center
Director: **Carl Baum, MD**

(effort: in-kind support)

\$199,632

2006-2008 State of Connecticut
Department of Public Health
Yale-New Haven Children's Hospital
Lead Program and Regional Treatment Center
Director: **Carl Baum, MD**
(effort: 25%)
\$362,824

2007-2008 US Department of Housing and Urban
Development
Yale-New Haven Children's Hospital
Lead Program and Regional Treatment Center
St. Francis Hospital
PULSE TOO Project
Director: **Carl Baum, MD**
\$130,000

2007-2009 US Department of Housing and Urban
Development
Lead Action for Medicaid Primary Prevention
(LAMPP)
Yale-New Haven Children's Hospital
Lead Program and Regional Treatment Center
Director: **Carl Baum, MD**
(effort: in-kind support)
\$351,222

Past

1994- William F. Milton Fund of Harvard University
"The Lead Concentration of Reconstituted Infant
Formula"
Principal Investigator: Michael Shannon, MD, MPH
\$1000

1999-2000 Agency for Toxic Substances and Disease Registry
and US Environmental Protection Agency,
Region 5
The Center for Children's Environmental Health at
Cook County Hospital
Principal Investigator: Daniel Hryhorczuk, MD, MPH
\$124,000

1999-2000 Northwestern University Medical School
Department of Pediatrics, Faculty Practice Plan
"Urine Analysis of a Tobacco-Specific
Carcinogen in Children Exposed to
Environmental Tobacco Smoke"
Principal Investigator: **Carl Baum, MD**

\$13,000

1999-2000 US Department of Housing and Urban Development
Grant # ILL HR 0038-98
Health Provider Lead Awareness Campaign
(Campaign for a Lead-Safe America)
Principal Investigator: Helen Binns, MD, MPH
\$168,091

Invited Grand Rounds, Lectures and Courses:

Small Group Sessions
PREP:EM. Intensive Review of Pediatric Emergency Medicine
"Toxicology Cases"
American Academy of Pediatrics,
Chicago IL, 8/24/96

Grand Rounds
Department of Pediatrics
"Mass Exposures"
Rush-Presbyterian-St. Luke's Medical Center
Chicago IL, 5/16/97

Grand Rounds
Department of Pediatrics
"AACT/EAPCCT Position Statements on
Gastrointestinal Decontamination"
University of Chicago Children's Hospital
Chicago IL, 3/25/99

Workshop
Elemental Mercury Exposures in Children
"Health Effects of Mercury Exposure in Children"
Region 5, US EPA / ATSDR*
Chicago IL, 6/23/99

Grand Rounds
Department of Pediatrics
"Mercury: What's in it for Kids?"
Cook County Children's Hospital
Chicago IL, 7/27/99

Workshop
Children's Health Issues
"Toxicological Evaluations of Children"
ATSDR
(Agency for Toxic Substances and Disease Registry
Public Health Service, US Department of Health and Human Services)
Oneida Nation, Green Bay WI, 8/4/99

Grand Rounds

Department of Pediatrics
"Waiting to Exhale: What You Need to Know about Inhalant Abuse"
Cook County Children's Hospital
Chicago IL, 10/5/99

Grand Rounds
Department of Pediatrics
"Mercury: What's in it for Kids?"
University of Chicago Children's Hospital
Chicago IL, 11/4/99

Grand Rounds
Department of Pediatrics
"Lead Poisoning: Prevention and Prevalence"
Michael Reese Hospital
Chicago IL, 3/17/00

26th Annual Spring Symposium
"Waiting to Exhale: What You Need to Know about Inhalant Abuse"
Illinois State Council Emergency Nurses Association
Itasca IL, 5/12/00

Grand Rounds
Department of Pediatrics
"Lead Poisoning: Prevention and Prevalence"
Swedish American Hospital,
Rockford IL, 8/4/00

Ocean View Update: Emergency Medicine 2001
"Waiting to Exhale: What You Need to Know about Inhalant Abuse"
Rhode Island ACEP Meeting
Newport RI, 8/9/01

Presentation to the Board
Friends of the Yale-New Haven Children's Hospital
"Carcinogens in Children Exposed to Second-hand
Tobacco Smoke"
New Haven CT, 10/2/01

Grand Rounds
Department of Pediatrics
"Practical Toxicology"
Norwalk Hospital
Norwalk CT, 10/16/01

Grand Rounds
Department of Pediatrics
"Practical Toxicology"
Lawrence and Memorial Hospital
New London CT, 10/19/01

Grand Rounds
Department of Pediatrics
“Practical Toxicology”
Lawrence and Memorial Hospital
New London CT, 10/19/01

Grand Rounds
Department of Pediatrics
“Home Toxins”
St. Mary’s Hospital
Waterbury CT, 10/8/02

2nd Annual New England Regional Toxicology Conference
“Pediatric Toxicology: Deadly in a Dose”
University of Connecticut
Storrs CT, 9/26/03

Grand Rounds
Department of Pediatrics
“Pediatric Toxicology: Some Kids Get Really Sick...”
Connecticut Children’s Medical Center
Hartford CT, 11/11/03

Grand Rounds
Department of Pediatrics
“Home Toxins”
Bridgeport Hospital
Bridgeport CT, 12/10/03

Seminar
“Update on Poisonings, Date Rape Drugs, and
Environmental Toxins”
American Academy of Pediatrics
San Francisco CA, 10/12/04

Grand Rounds
“Home Toxins”
Norwalk Hospital
Norwalk, CT, 1/25/05

Grand Rounds
Department of Medicine
“Deadly in a Dose”
Stamford Hospital
Stamford CT, 1/26/05

ACMT/ATSDR Chemical Agents of Opportunity Course
“Chemical Terrorism of Food and Water”
Hartford Hospital
Hartford CT, 3/2/05

50th Anniversary Symposium
“A Century of Mickey Finn: But Who Was He?”
Massachusetts & Rhode Island Poison Center
Boston MA, 3/22/05

ACMT/ATSDR Chemical Agents of Opportunity Course
“Chemical Terrorism of Food and Water”
Connecticut Hospital Association
Wallingford CT, 3/31/05

3rd Annual Pediatric Update
“Environmental Mold”
Yale University School of Medicine CME
New Haven CT, 10/1/05

Grand Rounds
“Deadly in a Dose”
Norwalk Hospital
Norwalk CT, 10/25/05

American Academy of Pediatrics
Briefings to Congressional Staff
“Meth’: Another Environmental Threat to Children”
Russell Senate Office Building
Rayburn House Office Building
Washington DC, 3/20/06

ACMT/ATSDR Chemical Agents of Opportunity Course
“Cyanide and Toxic Gases”
Dartmouth-Hitchcock Medical Center
Lebanon NH, 4/22/06

4th Annual Pediatric Update
“Mercury and Autism: Facts and Fiction”
Yale University School of Medicine CME
New Haven CT, 11/3/06

EMSC/CT DPH/CCMC Conference
“Disaster Preparedness: Did You Remember the Kids?”
Foxwoods Resort Casino
Mashantucket CT, 11/11/06

Grand Rounds
Department of Pediatrics
“Environmental Mold”
Bridgeport Hospital
Bridgeport CT, 2/28/07

“Pediatric Disaster Assistance Tool”
Connecticut Hospital Association
Wallingford CT, 5/8/07

Inaugural Meeting
National Task Force on Children's Safety
Rayburn House Office Building
Washington DC, 6/5/07

Conference on Methamphetamine Abuse
"Meth': Another Environmental Threat to Children"
Middlesex Community College
Bedford MA, 6/7/07

Professional Service:

Peer Reviewer:

Pediatrics
Clinical Toxicology
Pediatric Emergency Care
Pharmacoepidemiology and Drug Safety

- 1994- Member, American Academy of Clinical Toxicology
- 1999- Member, American College of Medical Toxicology
- 2001- Member, Ambulatory Pediatric Association
- 2004- Member, World Association for Disaster and
Emergency Medicine
- 2004- Member, Committee on Injury, Violence, and
Poison Prevention,
American Academy of Pediatrics
- 2005- Member, Medical Toxicology Subboard
American Board of Emergency Medicine
American Board of Pediatrics
American Board of Preventive Medicine
- 2006- Member, Educational Advisory Board
Safety4Kids, LLC
(Producer of children's educational videos and public
television programming)
- 2006- Member, Editorial Board, Pediatric Emergency Care
- 2007- Member, Senior Editorial Board, Clinical Pharmacology
(web-based guide to drugs and drug behavior; available at
<http://www.clinicalpharmacology.com>)
- 2007- Member, National Task Force on Children's Safety

Bibliography:

1. Peer-reviewed original research

Grisso JA, **Baum CR**, Turner BJ. What do physicians in practice do to prevent osteoporosis? J Bone Miner Res 1990;5(3):213-219.

Baum CR, Shannon MW. The lead content of reconstituted infant formula. J Toxicol Clin Toxicol 1997;35(4):371-375.

2. Case reports, Letters

Baum CR, Shannon MW. Lead in breast milk [letter]. Pediatrics 1996;97(6):932.

Baum CR, Hilpert P, Bhutani VK. Accidental administration of an ergot alkaloid to a neonate. Pediatrics 1996;98(3):457-458.

Baum CR, Shannon MW, Woolf A. Breath and blood ethanol following use of a cough-cold preparation [letter]. J Toxicol Clin Toxicol 1997;35(6):643-644.

Baum CR, Shannon MW. Lead and caries [letter]. Nat Med 1998;4(1):3.

Kulkarni MS, **Baum CR**. Traumatic pneumocephalus. Clin Ped Emerg Med 1999;1(1):70-73.

Oker EE, Hermann L, **Baum CR**, Fentzke KM, Sigg T, Leikin JB. Pediatric ibuprofen overdose. Acad Emerg Med 2000;7(7):821-823.

Kreiling KM, Hampers LC, **Baum CR**. Special feature: picture of the month (ingestion of nifedipine sustained-release tablets). Arch Pediatr Adolesc Med 2000 Nov;154(11):1161-1162.

Baum CR. A century of Mickey Finn—but who was he? [letter] J Toxicol Clin Toxicol 2000;38(6):683.

Baum CR, Langman CB, Oker EE, Goldstein CA, Aviles SR, Makar JK. Fomepizole treatment of ethylene glycol poisoning in an infant. Pediatrics 2000;106(6):1489-1491.

Kuhn B, Bechtel KA, **Baum CR**. Dispensing error: calcium-channel blocker substituted for neuroleptic. Int J Med Toxicol 2001;4(4):26.

Chen C, Vaezy A, Seashore MR, **Baum CR**. Emesis, confusion and visual loss in an adolescent. Pediatr Case Rev 2002;2(4):240-247.

Schonberger R, Douglas L, **Baum CR**. Severe extrapyramidal symptoms in a 3-year-old boy after accidental ingestion of the new antipsychotic drug aripiprazole. [letter] Pediatrics 2004;114(6):1743.

Hsiao AL, Santucci KA, Seo-Meyer P, Mariappan MR, Hodsdon ME, Banasiak KJ, **Baum CR**. Pediatric fatality following ingestion of dinitrophenol: postmortem identification of a “dietary supplement”. Clin Toxicol 2005;43(4):281-5.

Baum CR. “Toxic shock:” can playground static cause insulin pump failure? [letter] Ann Emerg Med 2007;49(1):113.

Baum C. Yes, Mold Is Gross, But Is It Dangerous? [letter] The New York Times, May 27, 2007.

3. Reviews and Chapters

Baum CR. Annals of sports medicine. University of Pennsylvania Orthopaedic Journal 1990;6:99-102.

Baum CR. Pediatric Mass Exposures. Clinical Toxicology Review 1994;16(4).

Baum C, Shannon M. Environmental Toxins: Cutting the Risks. Contemporary Pediatrics 1995;12(7):20-43.

Baum C, Shannon M. Poisoning. In Manual of Pediatric Therapeutics, 6th ed., JW Graef, ed., Little, Brown, and Company, Boston, 1997.

Baum CR. Examples of mass exposures involving the pediatric population. In Poisoning & Toxicology Compendium, JB Leikin, FP Paloucek, eds., Lexi-Comp Inc., Hudson, OH, 1998.

Cox MN, **Baum CR**. Immunoassay in detecting drugs of abuse. Pediatric Emergency Care 1998;14(5):372-375.

Baum CR. Treatment of mercury intoxication. Curr Opin Pediatr 1999;11(3):265-268.

Hryhorczuk D, **Baum C**. Health alert: mercury vapor exposures from cultural practices. Illinois Pediatrician 1999;17(2):4-5.

Baum CR. Chloral hydrate. In The Five Minute Emergency Medicine Consult, Rosen P, Barkin RM, Hayden SR, Schaidler J, Wolfe R, eds., Lippincott Williams & Wilkins, Baltimore, 1999.

Baum CR. Environmental Emergencies. In Textbook of Pediatric Emergency Medicine, 4th ed., Fleisher GR, Ludwig S, eds., Lippincott Williams & Wilkins, Baltimore, 2000.

Baum CR. Ingestions. In Pediatric Pearls, 4th ed. Mosby, St. Louis, 2002.

Baum CR. Environmental Emergencies. In Synopsis of Pediatric Emergency Medicine, 4th ed., Fleisher GR, Ludwig S, eds., Lippincott Williams & Wilkins, Baltimore, 2002.

Baum CR. Environmental emergencies: weighing the ounce of prevention. Clin Ped Emerg Med 2003;4:121-126.

Baum CR. Air quality assessments: implications for pediatric environmental health. Int J Med Toxicol 2003;6(3):1.

Baum CR. It's a Dangerous World: Deadly in a Dose. Audio-Digest Family Practice 2004;52(15).

Baum CR. Miscellaneous Centrally Acting Muscle Relaxants. In Critical Care Toxicology: Diagnosis and Management of the Critically Poisoned Patient, Brent J et al., eds., Mosby, Inc., Philadelphia, 2005.

Burns M, **Baum CR.** Environmental Emergencies. In Textbook of Pediatric Emergency Medicine, 5th ed., Fleisher GR, Ludwig S, eds. Lippincott Williams & Wilkins, Baltimore, 2005.

Baum CR. Mercury. In Haddad & Winchester's Clinical Management of Poisoning and Drug Overdose, 4th ed., Shannon MW, Borron SW, Burns M, eds. Elsevier Science, Philadelphia, 2007.

4. Editorships

Baum CR (guest editor). Advances and Controversies in Pediatric Toxicology. Clinical Pediatric Emergency Medicine 2000;1(3):173-250.

Pediatric Toxicology: Diagnosis and Management of the Poisoned Child. Erickson TB, Ahrens W, Aks SE, **Baum CR**, Ling LJ, eds. McGraw-Hill, New York, 2005.

Handbook of Common Poisonings in Children. Tenenbein M, Baum CR, eds. Committee on Injury, Violence, and Poison Prevention, American Academy of Pediatrics, Elk Grove Village, IL (in press)

5. Other works in press

Baum CR. Alcohol intoxication in children. In: UpToDate, Rose BD (Ed), UpToDate, Waltham, MA, 2006.

**APPENDIX D
DESCRIPTION OF ACTIVITIES**

1. Estimated division of time

Teaching/Clinical Medicine	70%
Teaching/Conferences & Lectures	15%
Teaching/Toxicology Service	10%
Research	5%

2. Teaching activities

a. Time spent in teaching activities:

average 24 (up to 32) hours/ week

b. Teaching within the Medical Center:

Frequent: Toxicology Case Conference / Mock Code / PALS
Pediatric Emergency Department
Yale-New Haven Children's Hospital

Other: Pediatric Evening Seminar Series
"Practical Toxicology"
Newtown CT, 9/28/00

Pediatric Grand Rounds
"Pediatric Emergency Medicine: Toxicology Vignettes"
2/7/01

Research Conference
Department of Laboratory Medicine
"Practical Toxicology"
2/27/01

Emergency Medicine Weekly Lecture Series
"Practical Toxicology"
3/7/01

Emergency Medicine Weekly Lecture Series
"Waiting to Exhale:
What You Need to Know about Inhalant Abuse"
3/28/01

CME Emergency Medicine Seminar
Hospital of Saint Raphael
“Waiting to Exhale:
What You Need to Know about Inhalant Abuse”
6/4/01

Paramedic Lecture
“Practical Toxicology”
New Haven Sponsor Hospital Program
7/12/01

Seminar
Department of Child Psychiatry
“Practical Toxicology”
9/20/01

Research Conference
Department of Laboratory Medicine
“Carcinogens in Children Exposed to
Second-hand Tobacco Smoke”
1/9/02

Emergency Medicine Weekly Lecture Series
“Carbon Monoxide”
1/23/02

Paramedic CME Lecture
New Haven Sponsor Hospital Program
“Practical Toxicology”
6/10/02

Emergency Medicine Resident Grand Rounds
Panelist
“The Utility of Venous Blood Gases in the ED”
6/12/02

Residents' Conference
Department of Pediatrics
“Lead Poisoning”
9/19/02

Seminar
Department of Child Psychiatry
“Medical Management of Overdose”
10/17/02

Residents' Conference
Department of Pediatrics
“Disaster Management: Terrorism”
1/3/03

Grand Rounds
Department of Pediatrics
“Home Toxins”
1/8/03

Residents' Conference
Department of Pediatrics
“Medical Management of Overdose”
2/27/03

Residents' Conference
Department of Pediatrics
“Lead Poisoning”
3/6/03

Integrative Clinical Medicine
School of Medicine
“Medical Management of Overdose”
3/18/03

Nurses' Conference
Pediatric Emergency Department
“Smallpox Rash Recognition”
3/24/03

Emergency Medicine Seminar
“Home Toxins”
Hospital of St. Raphael
4/21/03

Emergency Medicine Weekly Lecture Series
“Pediatric Toxicology: Some Kids Get Really Sick...”
4/30/03

Residents' Conference
Department of Pediatrics
“Medical Management of Overdose”
8/21/03

Seminar
Department of Child Psychiatry
“Forensic Toxicology: Focus on Date-Rape Drugs”
12/11/03

Emergency Medicine Weekly Lecture Series
“Pediatric Toxicology:
Deadly in a Dose”
2/4/04

Residents' Conference

Department of Pediatrics

“Lead Poisoning”

3/2/04

Integrative Clinical Medicine

“Medical Management of Overdose”

School of Medicine

3/3/04

Presentation to the Board

“Electromagnetic Fields: Health Effects”

Friends of Yale-New Haven Children’s Hospital

4/13/04

CME Emergency Medicine Seminar

“Pediatric Toxicology:

Deadly in a Dose”

Hospital of Saint Raphael

4/16/04

Paramedic CME Lecture

New Haven Sponsor Hospital Program

“Medical Management of Overdose”

6/3/04

Presentation to EM Faculty

“Pediatric Sedation”

Yale-New Haven Hospital

6/17/04

Residents’ Conference

Department of Pediatrics

“Medical Management of Overdose”

8/12/04

Seminar

Department of Child Psychiatry

“Medical Management of Overdose”

10/28/04

PALS for the Community Practitioner

“Toxicologic Emergencies”

Yale University School of Medicine CME

11/6/04

Emergency Medicine Weekly Lecture Series

“Waiting to Exhale:

What You Need to Know about Inhalant Abuse”

2/2/05

Integrative Clinical Medicine

“Medical Management of Overdose”
School of Medicine
3/2/05

Pediatric Surgery Conference
Department of Surgery
“Toxicology & Trauma”
5/4/05

Critical Care Conference
Department of Pediatrics
“Medical Management of Overdose”
5/27/05

Residents' Conference
Department of Pediatrics
“Medical Management of Overdose”
8/4/05

Residents' Conference
Department of Pediatrics
“Lead Poisoning”
10/6/05

2nd Annual PALS for the Community Practitioner
“Toxicologic Emergencies”
Yale University School of Medicine CME
10/22/05

DCF Nurses' Case Conference
“Deadly in a Dose”
Rocky Hill, CT
12/13/05

CME Emergency Medicine Seminar
“What's Mold Got To Do With It?”
Hospital of Saint Raphael
1/20/06

Emergency Medicine Weekly Lecture Series
“What's Mold Got To Do With It?”
2/1/06

Residents' Conference
Department of Pediatrics
“Alcohol”
2/14/06

Integrative Clinical Medicine
School of Medicine
“Medical Management of Overdose”

3/1/06

Residents' Conference
Department of Pediatrics
"Lead Poisoning"
4/4/06

Residents' Conference
Department of Pediatrics
"Lead Poisoning"
7/17/06

Residents' Conference
Department of Pediatrics
"Toxicology Cases"
7/31/06

Fellows' Conference
Section of Pediatric Emergency Medicine
"Toxicology Cases"
8/3/06

Residents' Conference
Department of Pediatrics
"Medical Management of Overdose"
8/17/06

Residents' Conference
Department of Pediatrics
"Toxicology Cases"
9/13/06

Emergency Medicine Weekly Lecture Series
"Meth': Another Environmental Threat to Children"
10/18/06

Residents' Conference
Department of Pediatrics
"Medical Management of Overdose"
10/20/06

3rd Annual PALS for the Community Practitioner
"Toxicologic Emergencies"
Yale University School of Medicine CME
11/4/06

Emergency Medicine Weekly Lecture Series
"Lead Poisoning"
11/15/06

Residents' Conference

Department of Pediatrics
"Toxicology Cases"
1/31/07

Fellows' Conference
Section of Pediatric Emergency Medicine
"Meth': Another Environmental Threat to Children"
2/1/07

Children's Hospital Operations Group
"The Yale Lead Program"
2/7/07

Residents' Conference
Department of Pediatrics
"Toxicology Cases"
3/2/07

Emergency Medicine Weekly Lecture Series
"A Century of Mickey Finn: But Who Was He?"
3/7/07

Integrative Clinical Medicine
School of Medicine
"Medical Management of Overdose"
3/8/07

Yale School of Epidemiology and Public Health
Yale School of Forestry and Environmental Studies
Introduction to Toxicology (EHS 511b/FES 96005)
"Lead Poisoning"
4/17/07

Emergency Medicine Weekly Lecture Series
"Navigating the Legal Waters"
6/13/07

Residents' Conference
Department of Pediatrics
"Lead Poisoning"
6/26/07

c. Supervision of fellows, housestaff, students in Pediatric Emergency Department:
24 hours/week

d. Mentorship of fellows in toxicologic aspects of Pediatric Emergency Fellowship:
David Listman, MD
Allen Hsiao, MD
Lei Chen, MD
Walter Eppich, MD
Susan Walsh, MD

Melissa Langhan, MD
Michael Soltis, MD
Mark Cicero, MD
Amy Roy, MD

e. Advisor for student theses:
none

f. Mentorship of faculty:
none

g. Teaching outside of the Medical Center:

Weekly Lecture Series
Department of Pediatrics
"Practical Toxicology"
St. Mary's Hospital
Waterbury CT, 2/7/01

Grand Rounds
Department of Pediatrics
"Practical Toxicology"
Norwalk Hospital
Norwalk CT, 10/16/01

Grand Rounds
Department of Pediatrics
"Practical Toxicology"
Lawrence and Memorial Hospital
New London CT, 10/19/01

Core Lecture Series
Integrated Residency in Emergency Medicine
"Waiting to Exhale:
What You Need to Know about Inhalant Abuse"
University of Connecticut
Hartford CT, 11/27/01

Core Lecture Series
Integrated Residency in Emergency Medicine
"Pediatric Toxicology: Some Kids Get Really Sick..."
University of Connecticut
Hartford CT, 1/28/03

Core Lecture Series
Integrated Residency in Emergency Medicine
"Pediatric Toxicology:
Deadly in a Dose"
University of Connecticut
Hartford CT, 4/27/04

Meet the Professor
"Toxicology"
Greenwich Hospital
Greenwich CT, 5/12/04

Medical Toxicology Conference
"Pediatric Toxicology: Deadly in a Dose"
Connecticut Children's Medical Center
Hartford CT, 5/26/05

Core Lecture Series
Integrated Residency in Emergency Medicine
"Pediatric Toxicology: Deadly in a Dose"
University of Connecticut
Hartford CT, 8/23/05

Grand Rounds
Department of Pediatrics
"Pediatric Toxicology: Deadly in a Dose"
Norwalk Hospital
Norwalk CT, 10/25/05

Grand Rounds
Department of Pediatrics
"Pediatric Toxicology: Deadly in a Dose"
St. Barnabas Hospital
Bronx NY, 10/31/06

Core Lecture Series
Integrated Residency in Emergency Medicine
"Centrally Acting Muscle Relaxants"
University of Connecticut
Hartford CT, 4/10/07

3. Research / scholarly activities

a. Time spent in research / scholarly activities:
average 4 (up to 16) hours / week

b. Presentations:

Poster
Baum C, Hilpert P, Bhutani V. Accidental Administration of Methylergonovine Maleate (MEM) in a Neonate. [Abstract] Vet Human Toxicol 1994; 36(4):365
Presented at the North American Congress of Clinical Toxicology Annual Meeting
Salt Lake City UT, 9/94

Platform

Baum C, Shannon M. The Lead Concentration of Reconstituted Infant Formula.

[Abstract] Arch Pediatr Adolesc Med 1995; 149(4):22(supplement)
Presented Ambulatory Pediatric Association Annual Meeting
San Diego CA, 5/95

Poster

Baum C, Shannon M. Lead-poisoned Lactating Women Have Insignificant Lead in Breast Milk.

[Abstract] J Toxicol Clin Toxicol 1995; 33(5):540-541
Presented at the North American Congress of Clinical Toxicology
Annual Meeting
Rochester NY, 9/95

Workshop

Environmental Toxins—What Every Parent Wants You to Know!
Presented at the Ambulatory Pediatric Association Annual
Meeting
Washington DC, 5/96

Workshop

“Managing the Child with a ‘Small’ Lead Burden”
Presented at the Ambulatory Pediatric Association Annual
Meeting
Washington DC, 5/96

Poster

Baum C, Shannon M, Woolf A. Breath and Blood Ethanol Following Use of a Cough-Cold Preparation.

[Abstract] J Toxicol Clin Toxicol 1996;34(5):630
Presented at the North American Congress of Clinical Toxicology
Annual Meeting
Portland OR, 10/96

Platform

Baum C, Burton G. Space Toxicology: The Wrong Stuff

[Abstract] J Toxicol Clin Toxicol 1996;34(5):636
Presented at the North American Congress of Clinical Toxicology
Annual Meeting
Portland OR, 10/96

Poster

Perry HE, Shannon MW, **Baum CR**, Wright R, Woolf A. Persistent Symptoms in Sixteen Children Following Bromine Exposure From a Pool

Presented at the Ambulatory Pediatric Association Annual
Meeting
Washington DC, 5/97

Abstract Volume

Baum CR, Shannon MW. Plomo en la leche materna. [Abstract] Infant Nutrition Digest 1997; October: 30-31.

Poster (accepted but withdrawn--unable to fund travel to meeting)

Baum CR. A New Paediatric Toxicology Service: The First 6 Months

Abstract presented at the European Association of Poisons Centres and Clinical Toxicologists Scientific Meeting

Oslo, Norway, 7/97

Abstract Volume

Baum CR, Shannon MW. Lead in Infant Formula. [Abstract] Infant Nutrition Digest 1998;3:27-28.

Poster

Baum C, Langman C, Oker E, Goldstein C, Aviles S, Makar J. Fomepizole Treatment of Ethylene Glycol Poisoning in an Infant.

[Abstract] J Toxicol Clin Toxicol 1999;37(5):656

Presented at the North American Congress of Clinical Toxicology Annual Meeting

La Jolla CA, 10/99

Workshop

Association of Occupational and Environmental Clinics

The Center for Children's Environmental Health

at Cook County Hospital

Presented at the American Public Health Association Annual Meeting

Chicago IL, 11/99

Poster

Rodman E, **Baum C**, Fentzke K, Erickson T, Burda A, Smith F.

Prolonged Chelation After Mercuric Chloride Poisoning

[Abstract] J Toxicol Clin Toxicol 1999;37(5):623

Presented at the North American Congress of Clinical Toxicology Annual Meeting

La Jolla CA, 10/99

Poster

Kulkarni M, **Baum C**, Krug S. Fatal Hypermagnesemia From Magnesium Oxide Supplementation.

[Abstract] J Toxicol Clin Toxicol 1999;37(5):617-618

Presented at the North American Congress of Clinical Toxicology Annual Meeting

La Jolla CA, 10/99

Poster

Baum CR, Krug SE. A Pediatric Toxicology Consultation Service: The First 1000 Days

[Abstract] Pediatrics 1999;104(3):703 (supplement)

Presented at the American Academy of Pediatrics Annual Meeting
Washington DC, 10/99

Poster

Gummin DD, Macalister J, Badrov N, **Baum C**, Hryhorczuk DO.
Acrodynia and Asthma in Adolescence.

Presented at the North American Congress of Clinical Toxicology
Annual Meeting

Montreal, PQ, Canada, 10/01

Workshop

Bechtel K, Santucci K, Arnold L, **Baum C**, Baker MD. Clinical
Forensic Medicine: Bridging the Gap Between Medicine and Law.

Presented at the Pediatric Academic Societies' Annual Meeting
Baltimore MD, 5/02

Workshop

Santucci K, Arnold L, Klig J, **Baum C**, Baker MD. Clinical Forensic
Medicine: Bridging the Gap Between Medicine and Law.

Presented at the Pediatric Academic Societies' Annual Meeting
Seattle WA, 5/03

Workshop

Klig J, Flomenbaum M, Arnold L, **Baum C**, Santucci K, Baker MD.
Navigating the Legal Waters in Clinical Medicine: A Primer for
Pediatricians.

Presented at the Pediatric Academic Societies' Annual Meeting
Seattle WA, 5/03

Poster

Mariappan MR, Hsiao A, **Baum C**, Hodsdon M. Laboratory
Method for Estimating Serum Levels of 2,4-
dinitrophenol—a Toxic Agent abused for Weight Loss

Presented at the American Association for Clinical
Chemistry Annual Meeting

Philadelphia PA, 7/03

Poster

Baum CR, Listman DA, Hsiao AL, Hecht SS. Detection of a
Tobacco-specific Carcinogen in the Urine of Children Exposed to
Environmental Tobacco Smoke

[Abstract] J Toxicol Clin Toxicol 2003;41(5):733.

Presented at the North American Congress of Clinical Toxicology
Annual Meeting

Chicago IL, 9/03

Poster

Arnold JL, Parwani V, Dainiak N, Fidler P, Albanese J, Russi M,
Foggle J, **Baum C**, Dembry L-M, Powsner S, Paturas J. Modifying
the Advanced Disaster Life Support Course's DISASTER Paradigm
for In-hospital Emergency Response.

[Abstract] Prehosp Disast Med 2005;20:s156-7.
Presented at the Yale-New Haven International Congress on
Disaster Medicine and Emergency Management
New Haven CT, 9/05

Poster

Wiley JF II, **Baum C**, Margolis A, Reich K. The Pediatric Hospital
Toolkit: Meeting the Need of General Hospitals for Pediatric
Emergency Preparedness.

[Abstract] Prehosp Disast Med 2005;20:s170.

Presented at the Yale-New Haven International Congress on
Disaster Medicine and Emergency Management
New Haven CT, 9/05

Poster

Hsiao AL, Santucci KA, Baker MD, **Baum CR**. Correlation between
Carboxyhemoglobin and Fetal Hemoglobin.

Presented at the Pediatric Academic Societies' Annual Meeting
San Francisco CA, 5/06

Presentation

Martens KA, Haydar S, Cicero M, Rothman M, **Baum C**, Paturas J,
Arnold J. Training in Disaster Management: Enhancing Post-
Graduate Clinical Preparedness through a Novel Curriculum.

Presented at the 15th World Congress on Disaster and Emergency
Medicine
Amsterdam, The Netherlands, 5/07

4. Clinical Activities

- a. Time spent in clinical activities:
average 24 (up to 32) hours / week

- b. Clinical activity within the Medical Center:
Attending physician in Pediatric Emergency Department
Director, Toxicology Service (on-call 24/7)
Director, Center for Children's Environmental Toxicology
(on-call 24/7)
Director, Yale Lead Program
(on-call 24/7)

- c. Clinical activity outside of the Medical Center
Consulting toxicologist, Connecticut Poison Control Center
(on-call 24 hours / week)

updated 6/26/07