

Henry C. Farrar, MD, FAAP
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CURRENT ADDRESS Dept. of Pediatrics, Slot 512-19A Arkansas Children's Hospital 1 Children's Way Little Rock, AR 72202-3591 Phone: (501) 364-1874 or (501) 364-1418 Email: FarrarHank@uams.edu	CURRENT POSITION TITLE Professor of Pediatrics Pediatric Residency Director Section of Pediatric Clinical Pharmacology Section of Pediatric Emergency Medicine University of Arkansas for Medical Sciences and Arkansas Children's Hospital
EDUCATION AND TRAINING	
Institution and Location	Degrees Years Field of Study
Harding University, Searcy, Arkansas	1976-1981 B.S. Chemistry
Alliance Francaise, Paris, France	1981-1982 French
Univ. of Arkansas for Medical Sciences, Little Rock	1982-1986 M.D. Medicine
UAMS and Arkansas Children's Hospital	1986-1989 Residency Pediatrics
University of Virginia, Charlottesville, Virginia	1989-1991 Fellowship Clinical Pharmacology & Pediatric Emergency Med.
Rainbow Babies & Childrens Hosp., Cleveland, OH	1991-1993 Fellowship Clinical Pharmacology & Pediatric Emergency Med.

Academic Appointments at UAMS and ACH

1993 - 1999	Assistant Professor of Pediatrics
1999 - 2006	Associate Professor of Pediatrics
2006 - present	Professor of Pediatrics
1996 - 2006	Chief of Pediatric Clinical Pharmacology and Toxicology
1998 - 2004	UAMS Institutional Review Board for Clinical Research
1998 - 2004	Director, Junior Clerkship in Pediatrics
2004 - present	Director, Pediatric Residency Program
2006 - present	UAMS Graduate Medical Education Committee – Executive Committee
1995 - 2004	ACH Pharmacy and Therapeutics Committee
1997 - 2004, 2010 -	ACH Pharmacy/Therapeutics Committee, Drug Utilization Advisor
2006 - present	ACH Disaster Preparedness Program, Medical Command
2008 - present	ACH Patient Flow Committee

Awards and Honors

Donald Hill Resident Award for Excellence in Research, 1989
Red Sash for Medical Student Education (voted by graduating seniors) – 8 time recipient
Department of Pediatrics, Educator of the Year, 2003
“The Best Doctors in America” for Clinical Pharmacology

Licensure and Board Certifications

Federal Licensing Examination in Medicine (FLEX); June, 1986
Medical License; Arkansas State Medical Board since 1986
American Board of Pediatrics, General Pediatrics 1989 (Recertified through 2011)
American Board of Pediatrics, Sub-Board in Pediatric Emergency Med. 1994 (Recertified through 2015)
American Board of Clinical Pharmacology, 1996

Professional Associations

American Academy of Pediatrics	
Section of Clinical Pharmacology and Therapeutics	
Executive Committee	1997 - 2003
Program Chair for National Meeting (NCE)	2000 - 2007
Organizer/Moderator for Section Program at the NCE	2003 - 2007
Nominations Chair	2007 - present
AAP Delegate to the US Pharmacopeia National Convention	2006 - present
Section of Pediatric Emergency Medicine	
U.S. Food and Drug Administration	2008 - present
Pediatric Advisory Committee (Pediatric Healthcare Organization Representative)	
UAMS Representative at National Educational Conferences	
Counsel on Medical Student Education in Pediatrics	1998 - 2004
Association of Pediatric Program Directors	2004 - present
APPD Regional Meeting in Memphis, TN	2004 - present
Accreditation Council on Graduate Medical Education	2004 - present
Society Membership	
American Society for Clinical Pharmacology and Therapeutics	
American Academy of Clinical Toxicology	
Southern Society for Pediatric Research	
Central Arkansas Pediatric Society	

Educational Activities

1995 - 1997	Director, Fellowship in Pediatric Clinical Pharmacology
1998 - 2004	Director, Junior Clerkship in Pediatrics
2004 - present	Director, Pediatric Residency Program
1998 - 2004	Faculty Advisor for Senior Medical Students
1998 - present	UAMS Student Promotions Committee
2001 - present	UAMS Academic Standards Committee
2004 - present	UAMS Graduate Medical Education Committee
2006 - present	UAMS Graduate Medical Education Committee – Executive Committee
	2006-2008 Chair, Subcommittee on Competency Training
	2008-present Chair, Subcommittee on ACGME Citations
2007 - present	UAMS Residency Internal Review Committee

Current Standing Lectures and Educational Activities

Students	Junior - Toxicology Lecture (6/year), Resuscitation Skills Course (6/year)
	Senior – Step 2 Review (Toxicology), Director of Longitudinal Elective in Pharmacology
Residents	4-5 resident lectures/year, Journal Club Facilitator (monthly), Morning Report Leader
	Primary Attending for Clinical Pharmacology Elective and Board Preparation Elective
Fellows	Toxicology Review 4/year (Emergency Med)
	Clinical Pharmacology Elective for Neonatal and Critical Care Fellows

Representative Invited Presentations

1995	UAMS/ACH Grand Rounds	Drug Interactions
1996	UAMS/ACH Grand Rounds	The Role of Therapeutic Drug Monitoring in Patient Care
1997	UAMS/ACH Grand Rounds	Acetaminophen Poisoning: Another Look at an Old Drug
1999	Heart Assoc Emergency Care	What's New in Emergency Cardiac Care
2000	State AAP Chapter Meeting	New Drugs You Should Know

2001	UAMS IRB Training	Protection of Vulnerable Subjects
2003	State AAP Chapter Meeting	New Drugs You Should Know
2006	UAMS/ACH Grand Rounds	The ACGME Core Competencies
2007	UAMS/ACH Grand Rounds	Learning Styles in Pediatric Education

Research Activities

Extramural Grants

Recipient of a DHHS Training Grant in Clinical Pharmacology and Toxicology (#1T32 GMO 8260-01) during fellowship, 7/1/90 to 6/30/91.

National Institutes of Child Health and Development

Role: Associate Clinical Investigator from 1993 to 1994
 Title: Network of Pediatric Pharmacology Research Units (PPRU)
 Amount: (b) (6) % salary support

Pharmaceutical Research & Manufacturer's of America Foundation;

Type: Research Starter Grant, 1994.
 Role: Principal Investigator
 Title: The toxicity and metabolism of benzene in cultured bone marrow cells: an evaluation of the differences between DBA/2J and C57BL/6J mice.
 Amount: \$(b) (4) for 1994 and (b) (4) renewal for 1995

Educational Grants

Arkansas Medical Society Distinguished Lecture Series – Requested and received a yearly grant of \$(b) (4) to support invited guest lecturers from 1999 to 2004.

Medical Education Foundation Fund of Arkansas (2000) and Char Foundation (2001) – Sought and received support for equipment purchases for medical student and resident education for a total of \$(b) (4)

UAMS Founder's Society Education Grant – \$(b) (4) initially (2002) and renewed for \$(b) (4) (2003).
 Project: To support equipment purchases needed to establish a pediatric resuscitation training program for the junior medical students.

Medical Education Foundation Fund of Arkansas (2004) - \$(b) (4) to develop a workshop on professionalism for junior medical students.

Intramural Grants

Shared Equipment Grants to support research infrastructure for a total of \$(b) (4)

UAMS Dean's/Children's University Medical Group; Clinician Initiated Research Grant, 1994.

Role: Principal Investigator
 Title: The optimal dosing regimen of succimer in children with lead poisoning.
 Amount: \$(b) (4)

UAMS Dean's/Children's University Medical Group; Clinician Initiated Research, 2003.
 (Grant awarded but returned when I became residency director due to lack of research time)

Role: Principal Investigator
 Title: Mechanisms of Anticonvulsant-Related Delayed Hypersensitivity Reactions
 Amount: \$(b) (4)

Sponsored Clinical Trials - Principal Investigator

I have been the Principal Investigator on industry-sponsored clinical trials for total revenues of \$(b) (4). These trials are not listed for reasons of confidentiality.

Bibliography (not including abstracts)

Original Research Publications

Farrar HC, Wells TG, Kearns GL. Safety and efficacy of continuous infusion pralidoxime for the treatment of organophosphate poisoning in children. *Journal of Pediatrics* 1990;116:658-661.

Farrar HC, Chande VC, Fitzpatrick D, Shema SJ. Hyponatremia as the etiology of seizures in infants: a retrospective analysis of the incidence, severity and clinical predictors. *Annals of Emergency Medicine* 1995;26:42-48.

James LP, **Farrar HC**, Komoroski E, Wood R, Graham CJ, Bornemeier R, Valentine JL. Sympathomimetic drug use in adolescents presenting to a pediatric emergency department with chest pain. *Journal of Toxicology - Clinical Toxicology* 1998;36:321-328.

Schexnayder S, James LP, Kearns GK, **Farrar HC**. The pharmacokinetics of continuous infusion pralidoxime in children with organophosphate poisoning. *Journal of Toxicology - Clinical Toxicology* 1998;36:549-555.

Maish WA, McCubbin MM, Letzig LG, **Farrar HC**, Kearns GL. Famotidine pharmacokinetics in patients with cystic fibrosis. *Journal of Clinical Pharmacology* 1998;38:1010-1016.

James LP, Marotti T, Stowe CD, **Farrar HC**, Taylor BJ, Kearns GL. Pharmacokinetics and pharmacodynamics of famotidine in infants. *Journal of Clinical Pharmacology* 1998;38:1089-1095.

Farrar HC, McLeane LR, Wallace M, White K, Watson J. Standard and pulse succimer therapy in lead poisoning. *Journal of Clinical Pharmacology* 1999;39:180-183.

Farrar HC, James LP. Characteristics of pediatric admissions for cyclic antidepressant poisoning. *American Journal of Emergency Medicine* 1999;17:495-496.

James LP, Stowe CD, **Farrar HC**, Menendez AA, Argao EA. The pharmacokinetics of oral ranitidine in children and adolescents with cystic fibrosis. *Journal of Clinical Pharmacology* 1999;39:1242-1247.

James LP, Wilson JT, Simar R, **Farrar HC**, Kearns GL, Simpson PM, Hinson JA, Pumford NR. Evaluation of occult acetaminophen hepatotoxicity in hospitalized children receiving acetaminophen. *Clinical Pediatrics* 2001;40:243-248.

James LP, **Farrar HC**, Sullivan JE, Givens TG, Kearns GL, Wasserman GS, Walson PD, Hinson JA, Pumford NR, and the PPRU Network. Measurement of acetaminophen-protein adducts in children and adolescents with acetaminophen overdoses. *Journal of Clinical Pharmacology* 2001;41:846-851.

James LP, **Farrar HC**, Darville TL, Sullivan JE, Givens TG, Kearns GL, Wasserman GS, Simpson PS, Hinson JA and the PPRU Network. Elevation of Serum Interleukin-8 in Acetaminophen Overdose in Children and Adolescents. *Clinical Pharmacology and Therapeutics* 2001;70:280-286.

James LP, Wells E, Beard RH, **Farrar HC**. Predictors of Outcome following acetaminophen poisoning in children and adolescents. *Journal of Pediatrics* 2002;140:522-526.

Farrar HC, Letzig L, Gill MA. Validation of a liquid chromatographic method for the determination of ibuprofen in human plasma. *Journal of Chromatography B*. 2002;780:341-348.

James LP, Simpson PM, **Farrar HC**, Kearns GL, Wasserman GS, Blumer JL, Reed MD, Sullivan JE, Hinson JA, PPRU Network. Cytokines and toxicity in acetaminophen overdose. *Journal of Clinical Pharmacology* 2005;45:1-7.

Sisterhen LL, Stowe CD, **Farrar HC**, Blaszkak CK, Blaszkak RT. Disposition of Ceftazidime Following Intraperitoneal Administration in Adolescent Patients Receiving Continuous Cycling Peritoneal Dialysis. American Journal of Kidney Diseases 2006;47:503-508.

Fussell JJ, **Farrar HC**, Blaszkak RT, Sisterhen LL. Incorporating the ACGME educational competencies into morbidity and mortality review conferences. Teaching and Learning in Medicine 2009;21:233-239.

Boateng BA, Bass LD, Blaszkak RT, **Farrar HC**. Development of a competency based assessment rubric to measure resident milestones. Journal of Graduate Medical Education 2009;1(1):45-48.

Case Reports

Farrar HC, Herold D, Reed MD. Acute valproic acid intoxication: enhanced drug clearance with oral activated charcoal. Critical Care Medicine 1993;21:299-301.

Farrar HC, Walsh-Sukys MC, Kyllonen K, Blumer JL. Cardiac toxicity associated with intravenous erythromycin lactobionate: two case reports and a review of the literature. Pediatric Infectious Disease Journal 1993;12:688-691.

Marshall JD, **Farrar HC**, Kearns GL. Diarrhea associated with enteral benzodiazepine solutions. Journal of Pediatrics 1995;126:657-659.

Christensen C, **Farrar HC**, Kearns GL. Protracted methemoglobinemia following phenazopyridine overdose in an infant. The Journal of Clinical Pharmacology 1996;36:112-116.

James LP, **Farrar HC**, Griebel ML, Bates SR. Bromism: Intoxication from a rare therapy. Pediatric Emergency Care 1997;13:268-270.

Raknmanina NY, Kearns GL, **Farrar HC**. Symptomatic hypokalemia in an asthmatic child from abuse of albuterol metered dose inhaler. Pediatric Emergency Care 1998;14:145-147.

Stowe CD, Bolliger TL, James LP, Haley TM, Griebel ML, **Farrar HC**. Acute mental status changes and hyperchloremic metabolic acidosis with long-term topiramate therapy. Pharmacotherapy 2000;20:105-109.

Narsinghani U, Chadha M, **Farrar HC**, Anand KS. Life threatening respiratory failure following accidental infusion of polyethylene glycol electrolyte solution into the lung. Clinical Toxicology 2001;39:105-107.

Reviews

Farrar HC, Kearns GL. Cocaine: clinical pharmacology and toxicology. Journal of Pediatrics 1989;115:665-675.

Farrar HC, Blumer JL. The fetal effects of maternal drug use. Annual Reviews of Pharmacology and Toxicology 1991;31:525-47.

Farrar HC, Kearns GL. Antimicrobial Pharmacotoxicity; In: Cystic Fibrosis Pulmonary Infections: Lessons from Around the World, A. Bauernfeind, M.I. Marks, B. Strandvik, editors. 1996, Birkhauser Verlag, Basel.

Farrar HC, Wells TG, Kearns GL. Paediatric clinical pharmacology: reclaiming the therapeutic orphan. Expert Opinion on Investigational Drugs 1996;5:7-13.

Stowe CD, **Farrar HC**. Pharmacokinetics of Antimicrobial Agents; In: Principles and Practice of Pediatric Infectious Diseases, SS Long, LK Pickering, CG Prober, editors. 1997, Churchill Livingstone, New York.

Farrar HC, James LP, Schutze GE. Antimicrobial therapy for infections of the central nervous system. Seminars in Pediatric Infectious Diseases 1998;9:314-321.

James LP, Abdel-Rahmen S, **Farrar HC**, Jacobs RF. Antimicrobial Agents; In: Principles and Practice of Pediatric Infectious Diseases, 2nd Ed., Long, Pickering & Prober, editors. 2003, Churchill Livingstone, NY.

Maples HD, **Farrar HC**. Case Studies Show Principles of Pediatric Therapeutic Drug Monitoring: Part 1. Clinical and Forensic Toxicology News 2003 (December):3-4.

Maples HD, **Farrar HC**. Case Studies Show Principles of Pediatric Therapeutic Drug Monitoring: Part 2. Clinical and Forensic Toxicology News 2004 (January):3-5.

James LP, **Farrar HC**, Palmer K, Kearns GL. Gastrointestinal Drugs; In: Neonatal & Pediatric Pharmacology, 3rd Ed., SJ Yaffe & JV Aranda, editors. 2005, Lippincott, Williams & Wilkins.

Sullivan JE, Farrar HC, Section on Clinical Pharmacology and Therapeutics, Committee on Drugs. Clinical Report: Antipyretic Use in Children. Pediatrics (in press)

Editorials & Other Publications

Farrar HC, Walsh-Sukys MC, Kyllonen K, Blumer JL. Erythromycin lactobionate toxicity in premature neonates: reply Pediatric Infectious Disease Journal 1994;13:166-167. (Response to Letter

Farrar HC. Using therapeutic drug monitoring can improve the cost to benefits for some drugs. Drugs & Therapy Perspectives 1994;4(2):15 (Invited editorial)

Valentine JL, **Farrar HC**, James L, Wells T, Simpson P. Urine drug screening. Journal of Clinical Pharmacology 1999;39:425-428. (Letter to the editor)