

Martha J Wunsch, MD, FAAP, FASAM
Associate Professor
University of Kentucky College of Medicine
Department of Behavioral Science

Education

1973-77	Albion College, Albion, Michigan Bachelor of Arts, Magna Cum Laude in Cultural Anthropology
1977-79	University of Wisconsin-Madison Graduate Study, Physical Anthropology
1979-83	Uniformed Services University of Health Sciences, School of Medicine, Bethesda, Maryland, Doctor of Medicine
1983-86	Children's Hospital of Los Angeles, Los Angeles, California, Pediatric Internship and Residency
2000-02	Hoff Fellowship in Addiction Medicine, Division of Addiction Medicine, Virginia Commonwealth University

Certifications & Licensure

1987-present	Fellow, American Academy of Pediatrics Board Certified, Pediatrics
1990-present	Certified in Addiction Medicine , American Society of Addiction Medicine, Recertified 2002
1997-present	Licensed to practice in Virginia (No. 56706)
2008	Licensed to practice in Kentucky (TP163)

Honors & Awards

Young Investigator of the Year 2007. American Society of Addiction Medicine.

Fellow of the American Society of Addiction Medicine. Elected, 2006.

Medal of Commendation, USPHS, for Reducing Infant Mortality for the Tohono O'odham and Pascua Yaqui Nations. June 1992.

Employment

- September 2008-present Associate Professor, University of Kentucky School of Medicine, Department of Behavioral Science
- July 2002-August 2008 Associate Professor, Edward Via Virginia College of Osteopathic Medicine, Addiction Medicine and Pediatrics
- April 2004- April 2007 Medical Director, ARS Pantops Opioid Treatment Program, Charlottesville, Virginia
- July 2004- July 2006 Substance Abuse Physician, New River Valley Community Public Mental Health/Substance Abuse Agency
- June 2006-August 2008 Private Practice, Addiction Medicine, Blacksburg Virginia
- Sept 2001- June 2002 National Institute of Drug Abuse BIRCWH Scholar, Virginia Commonwealth University (VCU) Assistant Professor, Departments of Psychiatry and Pediatrics
- July 2000- June 2002 Hoff Fellow, Division Addiction Medicine, Departments of Internal Medicine and Psychiatry, Medical College of Virginia/VCU
- Sept 1997- June 2000 Pediatrician, New River Valley Pediatrics, Blacksburg, VA
- July 1993- August 1997 Pediatrician, Boulder Medical Center, Boulder, CO
- July 1979- June 1993 Commissioned Officer, U.S. Public Health Service, Rank at Honorable Discharge: O-5 (Commander)
- 1992-1993 Region VIII HHS, Denver, Colorado: Project Officer, Healthy Start: An initiative to reduce infant mortality.
- 1986-1992 Indian Health Service, Tucson Area Chief, Pediatrics, Sells Indian Hospital, Sells, Arizona (1986-88)
Maternal-Child Health Director, Pascua Yaqui Health Department (1988-92)
Founder and Clinical Director, Pascua Alcohol Treatment Home: A treatment facility for Native American Women (1989-92)
Regional Maternal-Child Health Director, Tucson Region, Indian Health Service (1990-92)
Acting Director, Alcohol/Substance Abuse Program, Tucson Region, (1991-92)

Publications

Wunsch MJ, Nakamoto K, Behonick G, Massello W. Opioid Deaths in Rural Virginia: A Description of the High Prevalence of Accidental Fatalities involving Prescribed Medications. *American Journal on Addictions*. 18:1. In press.

Wunsch MJ, Weaver M (2008) Alcohol and other drug use during pregnancy: Management of the affected mother and child. In: Ries R, Fiellin DA, Miller SC, Saitz R (eds). Principles of Addiction Medicine, 4th ed. Philadelphia: Lippincott Williams & Wilkins, in press.

Wunsch MJ, Boyd C, McMasters MG (2008) Nonmedical use of prescription medications. In: Ries R, Fiellin DA, Miller SC, Saitz R (eds). Principles of Addition Medicine, 4th ed. Philadelphia: Lippincott Williams & Wilkins, in press.

Wunsch MJ, Cropsey KL, Campbell ED, Knisely JS (2008) OxyContin® use and misuse in three populations: Substance abuse patients, pain patients, and criminal justice participants. *Journal of Opioid Management*, 4 (2): 73-80.

Knisely JS, **Wunsch MJ**, Cropsey KL, Campbell ED (2008) Prescription Opioid Misuse Index: A brief questionnaire to assess misuse. *Journal of Substance Abuse Treatment*, in press.

Wunsch MJ, Nakamoto K, Goswami A, Schnoll SH (2007) Prescription drug abuse among prisoners in rural Southwestern Virginia. *Journal of Addictive Diseases*, 26(4): 15-22.

Wunsch MJ, Knisely J, Cropsey KL, Campbell E. (2007) Women physicians and addiction. *Journal of Addictive Diseases*, 26(2): 35-43.

Svikis DS, L Keyser-Marcus L, Panigrahi B, **Wunsch MJ** (2006) OxyContin® abuse in women: Implications for pregnancy. In: *The Source, The Newsletter of the National Abandoned Infants Assistance Center*.

Wunsch MJ (2006) Health literacy: More than reading prescription labels. *Studies in Communication Sciences*, Volume 2 (3).

Wunsch MJ (2006) A chart review of paregoric and methadone in the treatment of neonatal opioid withdrawal. *Journal of Addictive Diseases*, 25(3): 27-33.

Wunsch MJ, Stanard V, Schnoll SH (2003) The treatment of pain in pregnancy. *The Clinical Journal of Pain*, 19: 148-155.

Wunsch MJ, Conlon CJ, Scheidt PC (2002) Substance Abuse: A Preventable Threat to Development, In: ML Batshaw, (Ed), Children With Disabilities, 5th Edition, Washington DC: Brookes Publishing Company, pp: 107-122.

Regional Publications

Wunsch MJ (2007) Recognizing and Addressing Prescription Drug Misuse and Abuse Among Youth. *The Adolescent Health Update Editorial Board: American Academy of Pediatrics News*, March

Wunsch MJ (2007) Prescription Drug Abuse: Statistically Speaking. In *Rural Roads (A*

Publication of the National Rural Health Association) Volume 5 (1): 28-31.

Wunsch MJ (2005) Making the Case for Methadone Clinics. Virginia Issues and Answers: (A Public Policy Forum published semiannually by Virginia Polytechnic and State University, Volume 12 (1).

Wunsch, MJ, Weaver MF, Haller DL (2002) The Pharmacology of Opioids: The Practice, Process, and Politics of Pain Management. In Ramifications: Newsletter of the Richmond Academy of Medicine Volume 14 (2).

Published Abstracts and Conference Presentations

Wunsch MJ, Weimer M, Nakamoto K, Behonick G, Massello W. (2008) The Source of Methadone in 2004 Overdose Deaths in Western Virginia. College on Problems in Drug Dependence, San Juan, June 2008.

Wunsch MJ (2008) Prescription Drug Abuse: Who, What, and How to Intervene. Symposium, American Society of Addiction Medicine, Annual Medical Scientific Conference, 2008.

Wunsch MJ (2008) Women and Prescription Medicine Overdose Deaths in Western Virginia 1997-2004. Presentation at 2008 SAMHSA Buprenorphine Summit.

Wunsch MJ (2007) Prescription Drug Mortality: Results and Implications of Medical Examiner Data from Rural Virginia. Presentation at the American Society of Addiction Medicine, Annual Medical Scientific Meeting 2007.

Wunsch MJ, Nakamoto K, Behonick G, Massello W, Schnoll S (2007). Prescription Drug Mortality in Rural Western Virginia: Older Women at Risk. Presented at the College on Problems in Drug Dependence, Quebec, June 2007.

Meszaros, P., Koch, R., Evans, S., Meyer, B., **Wunsch, M.** Pritchett, J., Molina, D., Creasy, B., and Fitzelle, D. (2007) Practice to research: Using a community development team to develop a substance use prevention intervention for youth with mental health problems. Presented at the Society for Prevention Research, Washington, D.C, May 2007.

Wunsch MJ, Behonick, GS, Massello, W. (2003) Opioid mortality in southwestern Virginia. Presented at the Society of Forensic Toxicology and published in the Journal of Analytical Toxicology, 30(2):1 59-60.

Wunsch, MJ, Cropsey KL, & Haller DL (2002). Effective medication regimens in chronic pain patients with opioid dependence. Drug and Alcohol Dependence 66: (Supplement). p. S198.

Invited Presentations

Trends in Adolescent Drug Abuse. Ruth Fox Course: American Society of Addiction Medicine, Annual Medical Scientific Conference 2007.

OxyContin Use, Abuse, and Diversion in Rural Western Virginia. ASAM 2007 Young Investigator Award, Presented at the Annual Medical Scientific Conference, 2007.

Wunsch MJ, Wimmer P. Overdose Mortality: The Last Drug of Choice. A Matter of Age and Gender. First Place, Clinical Poster Award. Via Research Day, October 2006.

The Neurobiology of Opiate Addiction and Treatment. American Academy of Neurology 58th Annual Meeting. April 2006

Clinical Characteristics of Prescription Opioid Abusing Patients. Faculty: NIDA Workshop

Prescription Drug Abuse-Science to Practice. American Society of Addiction Medicine 2005 Medical Scientific Conference.

A Preliminary review of Opioid Mortality in Southwest Virginia, 1997-2003. Via Research Day, October 2005, 1st Place, Clinical Poster Award.

Impaired Professionals Symposium: Women Physicians and Addiction. American Society of Addiction Medicine 2004 Medical Scientific Conference

The treatment of neonatal opioid withdrawal. Via Research Day, October 2004, Second Place, Clinical Poster Award.

Wunsch MJ, Knisely J, Cropsey KL, Campbell E. OxyContin® Use, Misuse, and Abuse in Southwestern Virginia. Selected Abstract: Via Research Recognition Day. September 2004.

Children in Substance Abusing Families. Grand Rounds, Department of Pediatrics, National Children's Hospital, Washington DC. January 2003

Children in Substance Abusing Families. Grand Rounds, Department of Psychiatry, Virginia Commonwealth University. January 2002.

Grants & Research Contracts

Current

Methadone in the Treatment of Neonatal Opioid Withdrawal. (Wunsch, PI) Carilion Clinic Foundation July 2007-present. This project will determine the efficacy of two dosing and tapering regimens of methadone in the treatment of neonatal opioid withdrawal.

Prescription Medication Misuse in an Outpatient Clinic: A study of prevalence and screening (Wunsch, PI) Carilion Clinic Foundation, July 2007-present. This project will validate the Prescription Misuse Inventory and Perception of Risk (PMIPR), a tool to predict problematic behavior with prescription opioid medications. The project will study subjects over 6 months who are receiving prescription opioids in a chronic pain clinic.

Past

The Development and Implementation Assessment of a Tobacco Use Prevention Model for Youth with Psychiatric Disorders. (Consultant) Virginia Tobacco Settlement Foundation. This study that will address prevention of tobacco use in young children by developing an intervention based on clinical experience and the research literature. January 2007-June 2008.

Opioid Mortality in Southwestern Virginia. (Wunsch, PI) RO3 DA019047-01A1. Funded by NIDA/NIH. This project will has completed intensive retrospective chart reviews of the 893 opioid related deaths in southwestern Virginia utilizing a multidisciplinary team. August 2005-June 2008.

Addiction Severity Indexes in Probationers and Parolees, District 28, Radford Virginia. (Wunsch, PI) A study of addiction among prisoners and probationers in the New River Valley. Funded by Purdue Pharma LP. January 2005-March 2006.

OxyContin® Use, Abuse, and Diversion in Southwestern Virginia. (Co-investigator) A study comparing prescription use and non medical abuse of this medication in pain patients, substance abuse patients, and prisoners. Funded by Purdue Pharma LP. July 2002-July 2004.

The Treatment of Neonatal Opioid Withdrawal Funded as a BIRCWH Scholar (K12DA14041) Principal Investigator, Roy Pickens, Ph.D. July 2001-July 2002.

Project Pain (RO1DA13169) Principal Investigator Deborah Haller PhD. A clinical trial utilizing multidisciplinary interventions and methadone in the treatment of chronic pain patients with opioid dependence. Study Physician, Co-Investigator. July 2001-July 2002.

PISCeS: Pain in Sickle Cell Epidemiology Study. (RO1HL64122) Principal Investigator: Wally R. Smith M.D. A study of utilization of pain medications and medical services in Sickle Cell Disease. Co-Investigator and Consultant: Pain and Addiction. July 2001-July 2002

Professional Affiliations and Service

2008-Present	At Large Director , American Board of Addiction Medicine
2006-Present	Co-Editor , <i>Journal of Addiction Medicine</i> , American Society of Addiction Medicine.
2006-Present	American Academy of Pediatrics : Member, National Committee on Substance Abuse
2006-Present	Interagency Coordinating Committee on Fetal Alcohol Syndrome , National Institute of Alcohol Abuse and Alcoholism
1989-Present	American Society of Addiction Medicine (ASAM) <ul style="list-style-type: none">• Region V Director, Board of Directors, 2005-2008• SAMHSA PCSS Mentor: Support to physicians prescribing buprenorphine, 2005-present• Co-Course Director: ASAM State of the Art in Addiction Medicine, Fall 2005• Co-Chair, Medical Specialty Action Group, 2007-2008
2004, 2006	American Society of Addiction Medicine Review Course Faculty : A Review of Perinatal Addiction.
2004	Canadian Society of Addiction Medicine Course Faculty : A Review of Perinatal Addiction.
2003	Conference Director, Opioid-related Morbidity and Mortality in Southwestern Virginia: Current and Emerging Trends.