

CURRICULUM VITAE

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PRESENT POSITION

Research and Publications Coordinator, Palo Alto Medical Foundation Research Institute,
Palo Alto, CA

EDUCATION

2005: Doctor of Philosophy, Epidemiology, University of North Carolina School of Public Health, Chapel Hill, NC

1997: Master of Public Health, Health Behavior and Health Education, University of North Carolina School of Public Health, Chapel Hill, NC

1995: Bachelor of Arts, Psychology, Wake Forest University, Winston-Salem, NC

PROFESSIONAL EXPERIENCE

- 05/2006 – present: Research and Publications Coordinator, Department of Health Services Research, Palo Alto Medical Foundation Research Institute, Palo Alto, CA
- 07/2005 – 04/2006: Epidemiologist, San Mateo County Health Department, San Mateo, CA
- 01/2003 – 05/2005: Graduate Research Assistant, JUMP/ACL – Epidemiology of ACL injury study, Department of Epidemiology, UNC School of Public Health, Chapel Hill, NC
- 06/2001 – 12/2002: Graduate Research Assistant, Life Course Socioeconomic Status Study, Department of Epidemiology, UNC School of Public Health, Chapel Hill, NC
- 06/1999 – 07/2000: Project Coordinator, North Carolina Environmental Tobacco Smoke Policy Study, UNC School of Medicine, Chapel Hill, NC
- 12/1998 - 05/1999: Program Analyst, Office on Smoking and Health, Centers for Disease Control and Prevention, Atlanta, GA
- 04/1998 – 12/1999: Staff Fellow, Office on Smoking and Health, Centers for Disease Control and Prevention, Atlanta, GA
- 06/1997 – 02/1998: American Schools of Public Health Intern, Office on Smoking and Health, Centers for Disease Control and Prevention, Atlanta, GA
- 06/1996 – 05/1997: Graduate Research Assistant, Tobacco Use Prevention Summer Institutes, UNC School of Public Health, Chapel Hill, NC

08/1995 – 05/1997: Graduate Research Assistant, North Carolina Breast Cancer Screening Program, Department of Health Behavior and Health Education, UNC School of Public Health, Chapel Hill, NC

HONORS AND AWARDS

2006: Second Runner-up, *Journal of Athletic Training* Clint Thompson Award for Clinical Advancement
2005: IMPACT Award, UNC Graduate School
2002-2003: Predoctoral Trainee, Cardiovascular Epidemiology Research Program, UNC School of Public Health
1996: Summer Research Fellow, Cancer Education Program, UNC School of Medicine

TEACHING

Spring 2004: Teaching Assistant, Longitudinal Data Analysis, Department of Epidemiology, UNC School of Public Health
Spring 2003: Teaching Assistant, Longitudinal Data Analysis, Department of Epidemiology, UNC School of Public Health

ORAL PRESENTATIONS AND ABSTRACTS

1. Wilson SR, **Knowles S**, Qian Y, Buist AS, Strub P, Lapidus L, Bocobo F, Nguyen M. Does involving patients in treatment decisions reduce use of asthma rescue medication? Oral presentation at a Mini Symposium at the 2007 Annual Meeting of the American Thoracic Society, San Francisco, CA, May 20, 2007. *Proc Am Thor Soc* 2007;175:A242.
2. Farber HJ, Wilson SR, Caine L, Luna V, **Knowles SB**, Qian, Y. *Passive Smoke Exposure in Day Care Settings*. Annual Meeting of the American Thoracic Society, San Francisco, CA, May 20, 2007. *Proc Am Thor Soc* 2007; Abstract Issue; Vol 175:A242.
3. **Knowles SB**, Marshall SW, Yang JZ, Mueller FO. A gender comparison of injuries in North Carolina varsity high school athletes. (abstract). *Medicine and Science in Sports and Exercise* 2004;36(5):Supplement: S275. Presented at the American College of Sports Medicine Annual Meeting. Indianapolis, June 2004.
4. **Knowles SB**, Goldstein AO. Environmental Tobacco Smoke Policies in North Carolina Recreational Sites. Presented at the 2000 American Public Health Association Conference. Boston, November 2000.
5. **Knowles SB** (presenter). From Public Comment to Public Policy: Development of the Healthy People 2010 Substance Abuse Objectives. Presented at the 1999 American Public Health Association Conference. Chicago, November 1999.

BIBLIOGRAPHY

BOOK CHAPTER

1. Wilson SR, **Knowles SB**. Education and Support for Larger Groups (Chapter 48). In M Castro, M Kraft (Eds), *Clinical Asthma*. Philadelphia, PA: Elsevier Publishing; 2007 (in press).

PEER-REVIEWED JOURNAL ARTICLES IN PROGRESS

1. Boden BP, Torg JS, **Knowles SB**, Hewett TE (submitted to *Journal of Bone and Joint Surgery*, September 2007). Video analysis of anterior cruciate ligament injury: abnormalities of hip and ankle kinematics.
2. Farber HJ, **Knowles SB**, Brown NL, Caine L, Bertorello L, Luna V, Qian Y, Quesenberry CP, Lavori P, Wilson SR (submitted to *Chest*, September 2007). Sources of exposure, parental beliefs, and parental readiness to change compared with urine cotinine-assessed exposure levels in smoke exposed children with asthma.
3. **Knowles SB**, Marshall SW, Bowling JM, Loomis D, Millikan RW, Yang J, Mueller FO (in preparation). Risk factors for incidence and severity among North Carolina high school football players.
4. **Knowles SB**, Marshall SW, Yang J, Weaver NL, Kalsbeek WB, Mueller FO (in preparation) Increased risk of injury in female North Carolina high school athletes.

PEER-REVIEWED JOURNAL ARTICLES

1. **Knowles SB**, Marshall SW, Miller T, Spicer R, Bowling JM, Loomis D, Millikan RW, Yang J, Mueller FO (in press). Cost of injuries from a prospective cohort study of North Carolina high school athletes. *Injury Prevention*
2. Boden BP, Tacchetti R, Cantu R, **Knowles SB**, Mueller FO. Catastrophic head injuries in high school and college football players. *American Journal of Sports Medicine* 2007;35(7):1075-81.
3. **Knowles SB**, Marshall SW, Bowling JM, Yang J, Weaver NL, Kalsbeek WD, Loomis D, Millikan RC, Mueller FO. A prospective study of injury incidence among North Carolina high school athletes. *American Journal of Epidemiology* 2006 Dec 15;164(12):1209-21.
4. Boden BP, Tacchetti R, Cantu R, **Knowles SB**, Mueller, FO. Catastrophic cervical injuries in high school and college football players. *American Journal of Sports Medicine* 2006;34:1223-32.
5. **Knowles SB**, Marshall SW, Guskiewicz, KM. Issues in estimating risk and rates in sports injury research. *Journal of Athletic Training* 2006;41:207-215.

6. Rose KM, Wood JL, **Knowles SB**, Pollitt R, Whitsel EA, Diez Rouz AV, Yoon DK, Heiss G. Historical measures of social context in life course studies: retrospective linkage of addresses to decennial censuses. *International Journal of Health Geographics* 2004, 3:27 (17 Nov 2004).
7. Fishman JA, Allison H, **Knowles SB**, Fishburn B, Woollery T, Marx W, Shelton D, Husten CG, Eriksen M. State Laws on Tobacco Control – United States, 1998. *CDC Surveillance Summaries*, June 25, 1999. *MMWR* 1999;48 (No. SS-3): 21-62.
8. Allison H, **Knowles SB**, Fishman JA, Sharma N. Preemptive State Tobacco Control Laws – United States 1982-1998. *CDC Morbidity and Mortality Weekly Report*, January 8, 1998. *MMWR* 1998;47(Nos. 51-52): 1112-1114.

PROFESSIONAL AFFILIATIONS

Reviewer, *Journal of Athletic Training*

Reviewer, *Pediatrics*

Reviewer, *Clinical Journal of Sports Medicine*

Reviewer, *Epidemiology*