Curriculum Vita
STEPHEN W. MARSHALL

I. PERSONAL

Home:	206 Lexington Drive Chapel Hill, NC 27516	**Business**:	Injury Prevention Res. Ctr. CB#7505 University of North Carolina-Chapel Hill Chapel Hill, NC 27599-7505
Phone:	(919) 918-7567		
Born:	8-24-1962	**Voice**:	(919) 966-3619
Citizenship:	New Zealand, United States	**Fax**:	(919) 966-0466
Status:	Married with two children	**E-mail**:	SMarshall@Unc.Edu

II. EDUCATION & TRAINING

Education:

1998: **Doctor of Philosophy**, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.

1989: **Postgraduate Diploma of Agricultural Science**, Lincoln University, Canterbury, New Zealand, in biometrics and field experimentation.

1987: **Bachelor of Science**, University of Canterbury, Christchurch, New Zealand, in mathematics.

Additional Training:

2003: **Sensitivity Analysis,** workshop at American College of Epidemiology, Atlanta, GA.

1997: **Advanced General Linear Models**, SAS Institute, Cary, NC.

1996: **Graduate Summer Program in Epidemiology**, The Johns Hopkins University School of Hygiene and Public Health, Baltimore, MD.

1991: **New England Epidemiology Summer Program**, New England Epidemiology Institute, Tufts University, Boston, MA.

III. PROFESSIONAL EXPERIENCE

08/12 – present: **Director**, Injury Prevention Research Center, UNC-CH

09/11 – present: **Professor**, Department of Epidemiology, UNC-CH

09/11 – present: **Adjunct Professor**, Department of Exercise and Sport Science, UNC-CH

08/11 – 07/12: **Interim Director**, Injury Prevention Research Center, UNC-CH

10/08 – 07/12: **Director of Epidemiology & Biostatistics**, Datalys Center for Sports Injury Research & Prevention, Indianapolis, Indiana

06/06 – 08/11: **Adjunct Associate Professor**, Department of Exercise and Sport Science, UNC-CH

10/05 – 08/11: **Associate Professor**, Departments of Epidemiology and Orthopedics, UNC-CH

01/02 – 09/05: **Assistant Professor**, Departments of Epidemiology and Orthopedics, UNC-CH

01/99 – 12/01: **Research Assistant Professor**, Department of Epidemiology, UNC-CH

01/99 – 08/11: **Core Faculty and Senior Biostatistician**, UNC Injury Prevention Research Center

08/94 – 12/98: **Doctoral Student**, Department of Epidemiology, UNC-CH;
Graduate Research Assistant, UNC Injury Prevention Research Center

01/91 - 07/94: **Biostatistician**, Injury Prevention Research Unit, Department of Preventive and Social Medicine, Medical School, University of Otago, New Zealand.

01/89 - 12/90: **Biostatistician/Research Assistant**, Department of Community Health, Wellington School of Medicine, University of Otago, New Zealand.

IV. HONORS

1. **Distinguished Guest Speaker**, High Point University School of Health Sciences Distinguished Lecture Series. "Concussion, Dementia and Football: Time to End the Game?" March 12, 2013
2. Ken Knight **Outstanding Research Manuscript**, Journal of Athletic Training (2011)
3. William Evans **Visiting Fellow**, University of Otago (2009)
4. American Public Health Association Injury Control and Emergency Health Services **Service Award** (1999, 2003)
5. UNC Injury Prevention Research Center **Student Research Paper Award** (1998)
6. Elected to **Delta Omega** (1998)

V. BIBLIOGRAPHY

(a) Books & Book Chapters

1. **Marshall SW**, Raul M. Chapter 1: Epidemiology. In: Musculoskeletal and Sports Medicine: Essentials for the Primary Care Provider (4th Edition). Birrer RB, O'Connor FG (eds). Forthcoming 2015.
2. **Marshall SW**, Gilchrist J, Saluja G, Liller K. Chapter 9: ports and recreational injuries. In: Liller K (ed). Injury Prevention for Children and Adolescents, 2nd edition. Washington DC: American Public Health Association. 2012:261-190
3. Kerr Z, **Marshall SW**, Roos K, Caine D. Environmental Factors in Sports-Related Injuries. In: Friis R (ed). Praeger Handbook of Environmental Health (volume 4). Santa Barbara, CA: Praeger. 2012:xxx-xxx
4. Rauh M, Macera C, **Marshall SW**. Epidemiology of Sports Injuries. In: Magee DJ, Manske RC, Zachazewski JE, Quillen WS (ed). Selected Topics in Sports Injuries and Rehabilitation. Elsevier, 2010: 730-772.
5. **Marshall SW**, Register-Mihalik J. Softball Injury. In: Epidemiology of Injury in Olympic Sports. Eds: Caine D, Harner P, Schiff M. International Olympic Committee Medical Commission's Encyclopedia of Sports Medicine, Volume 16. Oxford UK: Wiley Blackwell, 2010:236-248.
6. **Marshall SW**, Padua DP, McGrath M. Incidence of ACL injury. In: Hewitt TE, Griffin LY, Mandelbaum BR, Shultz SJ (ed). Understanding and Preventing Non-contact ACL Injury. Campaign, IL: Human Kinetics, 2007:5-29.
7. Gilchrist J, Saluja G, **Marshall SW**. Interventions to Prevent Sports and Recreation-Related Injury. In: Doll LS, Bonzo SE, Mercy JA, Sleet DA. Handbook of Injury and Violence Prevention. New York NY: Springer, 2007:117-134.
8. National Research Council, Committee on Youth Population and Military Recruitment (Sackett PR, Mavor AS, Armor DJ, Clark NM, Eitelberg MJ, Hansen BJ, Hogan PF, Marras WS, **Marshall SW**, Pate RP, Rapmund G, Schwenk TL, Strickland WJ, Thomas SB, Wagner KD). Assessing Fitness for Military Enlistment: Physical, Medical, and Mental Health standards. Board on Behavioral, Cognitive, and Sensory Sciences, Division of Behavioral and Social Sciences and Education. Washington DC: National Academy Press, 2006.
9. Saluja G, **Marshall SW**, Gilchrist J, Schroeder T. Sports and recreational injuries. In: Liller K (ed). Injury Prevention for Children and Adolescents. Washington DC: American Public Health Association, 2005: 233-260.
10. **Marshall SW**. Prevalence and incidence. In: Kempf-Leonard K (ed). Encyclopedia of Social Medicine, volume 3. New York NY: Elsevier, 2005: 141-147.
11. Beutler A, **Marshall SW.** Epidemiology and prevention of sports injury. In: Garrick JG (ed). Orthopedic Knowledge Update Volume 3: Sports Medicine. Rosemont IL: American Academy of Orthopedic Surgeons, 2003: 369-278.

(b) Articles in Peer-Reviewed Journals (*=student-let paper, Marshall was primary faculty advisor)

(b.1) In Press

1. *Schoenfisch AL, Lipscomb H, **Marshall SW**, Cameron W, Richardson D, Casteel C. Work-related injuries among union drywall carpenters in Washington State, 1989-2008. Am J Industrial Medicine.
2. *Harmon KJ, **Marshall SW**, Proescholdbell SK, Naumann RB, Waller AE. Motorcycle Crash-related Emergency Department Visits and Hospitalizations and Traumatic Brain Injuries in North Carolina. J Head Trauma Rehab.
3. Schmidt JD, Guskiewicz KM, Blackburn JT, Mihalik JP, Siegmund GP, **Marshall SW**. The Influence of Cervical Muscle Characteristics on Head Impact Biomechanics in Football. Am J Sports Med.

(b.2) In Print

1. Angelon-Gaetz KA, Richardson DB, Lipton DM, Marshall SW, Lamb B, LoFrese T. The effects of building-related factors on classroom relative humidity among North Carolina schools participating in the "Free to Breathe, Free to Teach" study. Indoor Air. 2014 Dec 17. doi: 10.1111/ina.12176. [Epub ahead of print]. PubMed PMID: 25515546.
2. Schmidt JD, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, Marshall SW. Does Visual Performance Influence Head Impact Severity Among High School Football Athletes? Clin J Sport Med. 2014 Nov 6. [Epub ahead of print] PubMed PMID: 25380282.
3. Wing S, Lowman A, Keil A, Marshall SW. Odors from sewage sludge and livestock: associations with self-reported health. Public Health Rep. 2014 Nov-Dec;129(6):505-15. PubMed PMID: 25364052; PubMed Central PMCID: PMC4187293.
4. Padua DA, Frank B, Donaldson A, de la Motte S, Cameron KL, Beutler AI, DiStefano LJ, Marshall SW. Seven steps for developing and implementing a preventive training program: lessons learned from JUMP-ACL and beyond. Clin Sports Med. 2014 Oct;33(4):615-32. doi: 10.1016/j.csm.2014.06.012. Epub 2014 Aug PubMed PMID: 25280612; PubMed Central PMCID: PMC4185282.
5. Kerr ZY, Collins CL, Mihalik JP, Marshall SW, Guskiewicz KM, Comstock RD. Impact locations and concussion outcomes in high school football player-to-player collisions. Pediatrics. 2014 Sep;134(3):489-96. doi: 10.1542/peds.2014-0770. Epub 2014 Aug 11. PubMed PMID: 25113292.
6. Schmidt JD, Guskiewicz KM, Blackburn JT, Mihalik JP, Siegmund GP, Marshall SW. The influence of cervical muscle characteristics on head impact biomechanics in football. Am J Sports Med. 2014 Sep;42(9):2056-66. doi: 10.1177/0363546514536685. Epub 2014 Jun 13. PubMed PMID: 24928761.
7. Siegmund GP, Guskiewicz KM, Marshall SW, DeMarco AL, Bonin SJ. A headform for testing helmet and mouthguard sensors that measure head impact severity in football players. Ann Biomed Eng. 2014 Sep;42(9):1834-45. doi:10.1007/s10439-014-1052-2. Epub 2014 Jun 12. PubMed PMID: 24920257.
8. Kerr ZY, Dompier TP, Snook EM, Marshall SW, Klossner D, Hainline B, Corlette J. National collegiate athletic association injury surveillance system: review of methods for 2004-2005 through 2013-2014 data collection. J Athl Train. 2014 Jul-Aug;49(4):552-60. doi: 10.4085/1062-6050-49.3.58. Epub 2014 May 28. PubMed PMID: 24870292; PubMed Central PMCID: PMC4151845.
9. Bell DR, Blackburn JT, Hackney AC, Marshall SW, Beutler AI, Padua DA. Jump-landing biomechanics and knee-laxity change across the menstrual cycle in women with anterior cruciate ligament reconstruction. J Athl Train. 2014 Mar-Apr;49(2):154-62. doi: 10.4085/1062-6050-49.2.01. Epub 2014 Feb 25. PubMed PMID: 24568229; PubMed Central PMCID: PMC3975770.
10. Goerger BM, Marshall SW, Beutler AI, Blackburn JT, Wilckens JH, Padua DA. Anterior cruciate ligament injury alters preinjury lower extremity biomechanics in the injured and uninjured leg: the JUMP-ACL study. Br J Sports Med. 2014 Feb 21. doi: 10.1136/bjsports-2013-092982. [Epub ahead of print] PubMed PMID: 24563391.
11. *Kerr ZY, Register-Mihalik JK, **Marshall SW**, Evenson KR, Mihalik JP, Guskiewicz KM. Disclosure and non-disclosure of concussion and concussion symptoms in athletes: Review and application of the socio-ecological framework. Brain Inj. 2014;28(8):1009-21

12. Theiss JL, Gerber JP, Cameron KL, Beutler AI, **Marshall SW**, Distefano LJ, Padua DA, de la Motte SJ, Miller JM, Yunker CA. Jump-landing differences between varsity, club, and intramural athletes: the Jump-ACL Study. J Strength Cond Res. 2014 Apr;28(4):1164-71
13. *Kerr ZY, Harmon KJ, **Marshall SW**, Proescholdbell, SK, Waller AE. The epidemiology of traumatic brain injuries reporting to Emergency Departments in North Carolina – 2010-2011. NC Med J 2014;75(1):8-14..
14. *Kerr ZY, **Marshall SW**, Comstock RD, Casa D. Implementing exertional heat illness prevention strategies in US high school football. Medicine and Science in Sports and Exercise 2014;46(1):124-130.
15. *Schoenfisch AL, Lipscomb HJ, **Marshall SW**, Casteel C, Richardson DB, Brookhart MA, Cameron W. Declining rates of work-related overexertion back injuries among union drywall installers in Washington State, 1989-2008: Improved work safety or shifting of care? American Journal of Industrial Medicine. 2014;57(2):184-194.
16. Roos KG, **Marshall SW**. Definition and usage of the term "overuse injury" in the US high school and collegiate sport epidemiology literature: A systematic review. Sports Medicine 2014;44(3):405-421.
17. **Marshall SW**. Rugby union: Much potential for injury prevention but substantial resources are required now. Clinical Journal of Sport Medicine. 2013 Jan 1 ; 23(4); : 324-325.
18. Vladutiu CJ, **Marshall SW**, Poole C, Casteel C, Menard MK, Weiss HB. Adverse pregnancy outcomes following motor vehicle crashes. Am J Prev Med. 2013;45(5):629-36.
19. *Kerr ZY, Roos KG, Julianne D. Schmidt JD, **Marshall SW.** Prevention and Management of Physical and Social Environment Risk Factors for Sports-Related Injuries. American Journal of Lifestyle Medicine. 2013;7(2):138-153.
20. *Kerr ZY, Casa DJ, **Marshall SW**, Comstock RD. Epidemiology of exertional heat illness among U.S. High School Athletes. American Journal of Preventive Medicine. 2013;44(1):8-14.
21. Register-Mihalik JK, Linnan LA, **Marshall SW**, McLeod TC, Mueller FO, Guskiewicz KM. Using theory to understand high school aged athletes' intentions to report sport-related concussion: Implications for concussion education initiatives. Brain Inj. 2013;27(7-8):878-86.
22. Ferrite S, Santana VS, **Marshall SW**. Interaction between noise and cigarette smoking for the outcome of hearing loss among women: A population-based study. Am J Ind Med. 2013 Oct;56(10):1213-20.
23. Register-Mihalik JK, Guskiewicz KM, McLeod TC, Linnan LA, Mueller FO, **Marshall SW**. Knowledge, attitude, and concussion-reporting behaviors among high school athletes: a preliminary study. J Athl Train. 2013 Sep-Oct;48(5):645-53
24. Mihalik JP, Register-Mihalik J, Kerr ZY, **Marshall SW,** McCrea MC, Guskiewicz KM. Recovery of posttraumatic migraine characteristics in patients after mild traumatic brain injury. Am J Sports Med. 2013 Jul;41(7):1490-6.
25. *Masten SV, Foss RD, **Marshall SW**. Graduated driver licensing program component calibrations and their association with fatal crash involvement. Accid Anal Prev. 2013 Aug;57:105-13.
26. *Raman SR, **Marshall SW**, Haynes K, Gaynes BN, Naftel AJ, Stürmer T. Stimulant treatment and injury among children with attention deficit hyperactivity disorder: an application of the self-controlled case series study design. Inj Prev. 2013 Jun;19(3):164-70
27. Vladutiu CJ, Poole C, **Marshall SW**, Casteel C, Menard MK, Weiss HB. Pregnant driver-associated motor vehicle crashes in North Carolina, 2001-2008. Accid Anal Prev. 2013 Jun;55:165-71.
28. Cameron KL, Thompson BS, Peck KY, Owens BD, **Marshall SW**, Svoboda SJ. Normative values for the KOOS and WOMAC in a young athletic population: history of knee ligament injury is associated with lower scores. Am J Sports Med. 2013 Mar;41(3):582-9.
29. *Kerr ZY, Casa DJ, **Marshall SW**, Comstock RD. Epidemiology of exertional heat illness among U.S. high school athletes. Am J Prev Med. 2013 Jan;44(1):8-14.
30. *Gurka KK, **Marshall SW**, Casteel C, Runyan CW, Loomis DP, Richardson DB. An examination of strategies for preventing workplace homicides committed by perpetrators that have a prior relationship with the workplace or its employees. J Occup Environ Med. 2012 Dec;54(12):1533-

8.

31. McCrea M, Guskiewicz K, Randolph C, Barr WB, Hammeke TA, **Marshall SW**, Powell MR, Woo Ahn K, Wang Y, Kelly JP. Incidence, clinical course, and predictors of prolonged recovery time following sport-related concussion in high school and college athletes. J Int Neuropsychol Soc. 2013 Jan;19(1):22-33.
32. *Goode AP, **Marshall SW**, Kraus VB, Renner JB, Stürmer T, Carey TS, Irwin DE, Jordan JM. Association between serum and urine biomarkers and lumbar spine individual radiographic features: the Johnston County Osteoarthritis Project. Osteoarthritis Cartilage. 2012 Nov;20(11):1286-93.
33. *Kerr ZY, **Marshall SW**, Harding HP Jr, Guskiewicz KM. Nine-year risk of depression diagnosis increases with increasing self-reported concussions in retired professional football players. Am J Sports Med. 2012 Oct;40(10):2206-12.
34. *Goode AP, **Marshall SW**, Renner JB, Carey TS, Kraus VB, Irwin DE, Stürmer T, Jordan JM. Lumbar spine radiographic features and demographic, clinical, and radiographic knee, hip, and hand osteoarthritis. Arthritis Care Res. 2012 Oct;64(10):1536-44.
35. Cameron KL, **Marshall SW**, Sturdivant RX, Lincoln AE. Trends in the Incidence of Physician-Diagnosed Mild Traumatic Brain Injury Among Active Duty US Military Personnel between 1997 and 2007. 2012 May 1;29(7):1313-21.
36. Nguyen QC, Hussey JM, Halpern CT, Villaveces A, **Marshall SW**, Siddiqi A, Poole C. Adolescent expectations of early death predict young adult socioeconomic status. Soc Sci Med. 2012 May;74(9):1452-60.
37. Nguyen QC, Villaveces A, Marshall SW, Hussey JM, Halpern CT, Poole C. Adolescent expectations of early death predict adult risk behaviors. PLoS One. 2012;7(8):e41905.
38. *Kerr ZY, **Marshall SW**, Guskiewicz KM. Reliability of concussion history in former professional football players. Med Sci Sports Exerc. 2012 Mar;44(3):377-82.
39. Padua DA, DiStefano LJ, **Marshall SW**, Beutler AI, de la Motte SJ, DiStefano MJ. Retention of movement pattern changes after a lower extremity injury prevention program is affected by program duration. Am J Sports Med. 2012 Feb;40(2):300-6.
40. Vladutiu CJ, Casteel C, **Marshall SW**, McGee KS, Runyan CW, Coyne-Beasley T. Disability and home hazards and safety practices in US households. Disabil Health J. 2012;5(1):49-54.
41. Mihalik JP, Guskiewicz KM, **Marshall SW**, Blackburn JT, Cantu RC, Greenwald RM. Head impact biomechanics in youth hockey: comparisons across playing position, event types, and impact locations. Ann Biomed Eng. 2012;40(1):141-9.
42. Ocwieja KE, Mihalik JP, **Marshall SW**, Schmidt JD, Trulock SC, Guskiewicz KM. The effect of play type and collision closing distance on head impact biomechanics. Ann Biomed Eng. 2012;40(1):90-6.
43. Heaney CD, Sams E, Dufour AP, Brenner KP, Haugland RA, Chern E, Wing S, Marshall S, Love DC, Serre M, Noble R, Wade TJ. Fecal indicators in sand, sand contact, and risk of enteric illness among beachgoers. Epidemiology. 2012 Jan;23(1):95-106
44. *Kerr ZY, **Marshall SW**, Guskiewicz KM. Reliability of concussion history in former professional football players. Med Sci Sports Exerc. 2012;44(3):377-82.
45. Brown CN, Padua DA, **Marshall SW**, Guskiewicz KM. Hip kinematics in chronic ankle instability subjects during a stop jump task. Journal of Athletic Training. 2011; 46(5): 461-467
46. Kucera KL, **Marshall SW**, Bell DR, Distefano MJ, Goerger C, Oyama S. Validity of Soccer Injury Data from the National Collegiate Athletic Association's Injury Surveillance System. Journal of Athletic Training. 2011; 46(5): 489-499.
47. Register-Mihalik J, Oyama S, **Marshall SW**, Matthews A, Goerger C, Mueller FO. A descriptive study of pitching practices and self-reported injuries in youth baseball pitchers. Athletic Training and Sports Health Care. 2011; 1(3): 12-14.
48. Swartz E, **Marshall SW**. Should helmets be worn in Rugby? Athletic Training and Sports Health Care. 2011; 3: 12-14.
49. *Ferrite S, Santana VA, **Marshall SW**. Validity of self-reported hearing loss in adults: performance of three single questions. Revista de Saúde Pública (Journal of Public Health, Brazil) 2011;45(5):824-30.

50. *Eaton M, **Marshall SW**, Richardson D, Poole C, Fujimoto S, Gould PL. Non-battle injuries in Air Force personnel deployed in support of Operation Iraqi Freedom and Operation Enduring Freedom. Military Medicine. 2011 ;176(9):1007-14.
51. Masten SV, Foss RD, **Marshall SW**. Graduated driver licensing and fatal crashes involving 16- to 19-year-old drivers. JAMA. 2011 14;306(10):1098-103.
52. Mihalik JP, Guskiewicz KM, **Marshall SW**, Greenwald RM, Blackburn JT, Cantu RC. Does Cervical Muscle Strength in Youth Ice Hockey Players Affect Head Impact Biomechanics? Clinical Journal of Sports Medicine 2011;21(5):416-421.
53. Padua DA, Boling MC, Distefano LJ, Onate JA, Beutler AI, **Marshall SW**. Reliability of the landing error scoring system-real time, a clinical assessment tool of jump-landing biomechanics. Journal of Sport Rehabilitation 2011;20(2):145-56
54. Golightly YM, **Marshall SW**, Kraus VB, Renner JB, Villaveces A, Casteel C, Jordan JM. Biomarkers of incident radiographic knee osteoarthritis: do they vary by chronic knee symptoms? Arthritis & Rheumatism 2011;63(8):2276-83.
55. DiStefano LJ, Padua DA, Blackburn JT, Garrett WE, Guskiewicz KM, **Marshall SW**. The effects of an age-specific ACL injury prevention program on lower extremity biomechanics in children. American Journal of Sports Medicine. 2011; 39(5):949-57.
56. Schinasi L, Horton RA, Guidry VT, Wing SB, **Marshall SW**, Morland KB. Air pollution, lung function, and physical symptoms in communities near concentrated swine feeding operations. Epidemiology 2011; 22(2): 208-15.
57. Knowles SB, Kucera KL, **Marshall SW**. The injury proportion ratio: what's it all about? (Commentary). Journal of Athletic Training 2010; 45(5): 475-7
58. Schneiders A, Sullivan JS, Kvarnstrom J, Olsson M, Yden T, **Marshall SW**. The effect of footwear and sports-surface on dynamic neurological screening for sport-related concussion. Journal of Science and Medicine in Sport. 2010: 13(4):382-6.
59. **Marshall SW.** Recommendations for defining and classifying ACL injuries in epidemiologic studies. Journal of Athletic Training 2010; 45(5):516-8
60. Kucera KL, Loomis D, Lipscomb HJ, **Marshall SW.** Prospective study of incident injuries among southeastern United States commercial fishermen. Occupational and Environmental Medicine. 2010: 67(12):829-36
61. Vladutiu C, Evenson K, **Marshall SW**. Physical activity and injuries during pregnancy. Journal of Physical Activity & Health. 2010: 7(6):761-9.
62. Boling MC, Padua DA, **Marshall SW**, Pyne SW, Beutler AI. Gender differences in the incidence and prevalence of anterior knee pain: the JUMP-ACL study. Scandinavian Journal of Medicine and Science in Sports 2010; 25(5): 725–730.
63. **Marshall SW.** Heat Injury in Children. British Journal of Sports Medicine 2010: 44:8-12.
64. DiStefano LJ, Padua DA, Blackburn JT, Garrett WE, Guskiewicz KM, **Marshall SW**. Integrated injury prevention program improves balance and vertical jump height in children. J Strength Cond Res. 2010 Feb;24(2):332-42.
65. Mihalik JP, Greenwald RM, Blackburn JT, Cantu RC, **Marshall SW**, Guskiewicz KM. (2009). The effect of collision type and player anticipation on head impact severity in youth ice hockey players. Pediatrics 2010; 125(6):e1394-401
66. Mansfield AJ, Kaufman JS, **Marshall SW**, Gaynes BN, Morrissey JP, Engel CC. Deployment and the use of mental health services among U.S. Army wives. New England Journal of Medicine 2010;362:101-109.
67. Bullock SH, Jones BH, Michelle Canham-Chervak M, Gilchrist J, **Marshall SW**. Prevention of physical training-related injuries: Recommendations for the military based on expedited systematic reviews. American Journal of Preventive Medicine 2010;38(1S):S156–S181
68. Mihalik JP, Blackburn JT, Greenwald RM, Cantu RC, **Marshall SW**, Guskiewicz KM. The effect of infraction type on head impact severity in youth ice hockey. Medicine and Science in Sport and Exercise. 2010;42(8):1431-8.
69. Heaney CD, Sams E, Wing S, **Marshall SW**, Brenner K, Dufour AP, Wade TJ. Contact with beach sand among beachgoers and risk of illness. American Journal of Epidemiology. 2009; 170(2):164-72

70. *Golightly YM, **Marshall SW**, Callahan LF, Guskiewicz K. Early-onset arthritis in retired National Football League players. Journal of Physical Activity & Health. 2009;6(5):638-43.
71. Klossner D, Corlette J, Agel J, **Marshall SW**. Data-driven decision making in practice: The NCAA injury surveillance system. New Directions for Institutional Research 2009 (144): 53-63.
72. *Ta ML, **Marshall SW**, Kaufman JS, Loomis D, Casteel C, Land KC. Area-Based Socioeconomic Characteristics of Industries at High Risk for Violence in the Workplace. American Journal of Community Psychology. 2009; 44:249–260.
73. Beutler AI, de la Motte SJ, **Marshall SW**, Padua DA, Boden BP. Muscle strength and qualitative jump-landing differences in male and female military cadets: The JUMP-ACL study. Journal of Sports Science and Medicine 2009; 8: 663-671.
74. Gianotti S, Hume P, **Marshall SW**, Bunt L. Incidence of anterior cruciate ligament injury and other knee ligament injuries: a national population-based study. Journal of Science and Medicine in Sport 2009; 12: 622–627
75. Horton RA, Wing S, **Marshall SW**, Brownley KA. Malodor as a Trigger of Stress and Negative Mood in Neighbors of Industrial Hog Operations. Am J Public Health. 2009; 99(S3):S610-S615
76. Boling MC, Padua DA, **Marshall SW**, Pyne SW, Beutler AI. A prospective investigation of biomechanical risk factors for patellofemoral pain syndrome: the Joint Undertaking to Monitor and Prevent ACL Injury (JUMP-ACL) cohort. American Journal of Sports Medicine 2009;37(11):2108-16
77. *Gurka KK, **Marshall SW**, Runyan CW, Loomis DP, Casteel C, Richardson DB. Contrasting robbery- and non-robbery-related workplace homicide: North Carolina, 1994-2003. American Journal of Preventive Medicine. 2009;37(1):17-23.
78. Padua DA, **Marshall SW**, Boling MC, Thigpen CA, Garrett WE, Beutler AI. The Landing Error Scoring System (LESS) is a valid and reliable clinical assessment tool of jump-landing biomechanics: the JUMP-ACL study. American Journal of Sports Medicine 2009;37(10):1996-2002
79. McCrea M, Guskiewicz KM, Randolph C, Barr WB, Hammeke TA, **Marshall SW**, Kelly JP. Effects of a symptom-free waiting period on clinical outcome and risk of reinjury after sport-related concussion. Neurosurgery. 2009:65(5):876-883.
80. Brown CN, Padua DA, **Marshall SW**, Guskiewicz KM. Variability of motion in individuals with mechanical or functional ankle instability during a stop jump maneuver. Clinical Biomechanics 2009;24(9):762-8.
81. Distefano LJ, Blackburn JT, **Marshall SW**, Padua DA. Gluteal muscle activation during common therapeutic exercises. Journal of Orthopedics & Sports Physical Therapy. 2009;39(7):532-40.
82. Loomis D, Schulman MD, Bailer AJ, Stainback K, Wheeler M, Richardson DB, **Marshall SW**. Political economy of US states and rates of fatal occupational injury. American Journal of Public Health. 2009;99(8):1400-8.
83. Kucera KL, Loomis D, Lipscomb HJ, **Marshall SW**, Mirka GA, Daniels JL. Ergonomic risk factors for low back pain in North Carolina crab pot and gill net commercial fishermen. American Journal of Industrial Medicine. 2009;52(4):311-21
84. *Knowles S, **Marshall SW**, Bowling JM, Loomis DP, Yang J, Millikan RW, Mueller FO. Risk factors for injury incidence and severity among North Carolina high school football players. Epidemiology 2009:20(2):302-10.
85. DiStefano LS, Padua DA, DiStefano M, **Marshall SW**. Influence of Age, Sex, Technique, and Exercise Program on Movement Patterns Following an ACL Injury Prevention Program in Youth Soccer. American Journal of Sports Medicine. 2009:37(3):495-505
86. Hopkins WG, **Marshall SW**, Batterham AM, Hanin J. Progressive statistics for studies in sports medicine and exercise science. Medicine and Science in Sports and Exercise 2009:41(1):3-13.
87. Mihalik JP, Guskiewicz KM, Jeffries JA, Greenwald RM, **Marshall SW**. Characteristics of head impacts sustained by youth ice hockey players. Journal of Sports Engineering and Technology 2008; 222(1): 45-52.
88. Keenan HT Hall G, **Marshall SW**. Early head injury and attention deficit hyperactivity disorder: a cohort study. British Medical Journal 2008:337:1208-1210.

89. Wing S, Horton RA, **Marshall SW**, Thu K, Tajik M, Schinasi L, Schiffman SS. Air pollution and odor in communities near industrial swine operations. Environmental Health Perspectives 2008;116(10):1362-8.
90. *Rentz ED, **Marshall SW**, Martin SL, Gibbs DA, Casteel C, Loomis D. Occurrence of maltreatment in active duty military and nonmilitary families in the State of Texas. Military Medicine. 2008:173(6):515-22.
91. Brown C, Padua D, **Marshall SW**, Guskiewicz K. Individuals with mechanical ankle instability exhibit different motion patterns than those with functional ankle instability and ankle sprain copers. Clinical Biomechanics 2008:23:822-831.
92. *Zarzaur BL, **Marshall SW**. Motor vehicle crashes, obesity and seatbelt use: A deadly combination? Journal of Trauma 2008:64(2):412-9
93. Kucera K, Loomis D, **Marshall SW**. A case-crossover study of triggers for hand injuries in commercial fishing. Occupational and Environmental Medicine. 2008;65(5):336-41.
94. **Marshall SW**. Injury case-control studies using other injuries as controls (commentary). Epidemiology. 2008: 19:277-279.
95. Kucera K, Mirka G, Loomis D, **Marshall SW**, Lipscomb H, Daniels J. Quantifying ergonomic stresses in North Carolina commercial crab pot and gill net fishermen. Journal of Occupational and Environmental Hygiene. 2008:5(3):182-196.
96. *Cruz TH, **Marshall SW**, Bowling JM, Villaveces A. Validity of a Proxy Acculturation Scale Among U.S. Hispanics. Hispanic Journal of Behavioral Sciences 2008; 30(4):425-446.
97. **Marshall SW**, Golightly YM. Sports injury and arthritis. North Carolina Medical Journal 2007:68(6):430-433.
98. Mihalik JP, Bell DR, **Marshall SW**, Guskiewicz KM. Measurement of head impacts in collegiate football players: An investigation of positional and event type differences. Neurosurgery 2007: 61:1229–1235.
99. Guskiewicz KM, Mihalik JP, Shankar V, **Marshall SW**, Crowell DH, Oliaro SM, Ciocca MF, Hooker DN. Measurement of head impacts in collegiate football players: Relationship between head impact biomechanics and acute clinical outcome following concussion. Neurosurgery 2007: 61:1244–1253.
100. *Knowles S, **Marshall SW**, Miller T, Spicer R, Bowling JM, Loomis DP, Yang J, Millikan RW, Mueller FO. Cost and severity of injuries from a prospective cohort study of North Carolina high school athletes. Injury Prevention 2007: 13(6):416-21.
101. Norton JM, Wing S, Lipscomb HJ, Kaufman JS, **Marshall SW**, Cravey AJ. Race, Wealth, and Solid Waste Facilities in North Carolina. Environmental Health and Perspectives 2007: 115:1344–1350.
102. Hopkins WG, **Marshall SW**, Quarrie K, Hume P. Risk Factors and Risk Statistics for Sports Injuries. Clinical Journal of Sports Medicine. 2007: 17(3):208-210
103. **Marshall SW**. Power for tests of interaction: Effect of raising the Type I error rate. Epidemiologic Perspectives and Innovation 2007:4:4.
104. Dick R, Agel J, **Marshall SW**. National Collegiate Athletic Association Injury Surveillance System Commentaries: Introduction and Methods. Journal of Athletic Training 2007:42(2):173-179.
105. Dick R, Sauers EL, Agel J, Keuter G, **Marshall SW**, McCarty K, McFarland E. Descriptive Epidemiology of Collegiate Men's Baseball Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):180-190.
106. **Marshall SW**, Hamstra-Wright K, Dick R, Grove KA, Agel J. Descriptive Epidemiology of Collegiate Women's Softball Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):191-199.
107. Dick R, Hertel J, Agel J, Grossman J, **Marshall SW**. Descriptive Epidemiology of Collegiate Men's Basketball Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):200-207.
108. Agel J, Olson D, Dick R, Arendt EA, **Marshall SW**, Sikka RS Descriptive Epidemiology of Collegiate Women's Basketball Injuries: National Collegiate Athletic Association Injury

Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):208-216.

109. Dick R, Hootman JM, Agel J, Vela L, **Marshall SW**, Messina R. Descriptive Epidemiology of Collegiate Women's Field Hockey Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2002–2003. Journal of Athletic Training 2007:42(2):217-226.
110. Dick R, Ferrara MS, Agel J, Courson R, **Marshall SW**, Hanley MJ, Reifsteck F. Descriptive Epidemiology of Collegiate Men's Football Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):227-239.
111. **Marshall SW**, Covassin T, Dick R, Nassar LG, Agel J. Descriptive Epidemiology of Collegiate Women's Gymnastics Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):240-246.
112. Agel J, Dompier TP, Dick R, **Marshall SW**. Descriptive Epidemiology of Collegiate Men's Ice Hockey Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):247-254.
113. Agel J, Dick R, Nelson B, **Marshall SW**, Dompier TP. Descriptive Epidemiology of Collegiate Women's Ice Hockey Injuries: National Collegiate Athletic Association Injury Surveillance System, 2000–2001 Through 2003–2004. Journal of Athletic Training 2007:42(2):255-260.
114. Dick R, Romani WA, Agel J, Case JG, **Marshall SW**. Descriptive Epidemiology of Collegiate Men's Lacrosse Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):261-267.
115. Dick R, Lincoln AE, Agel J, Carter EA, **Marshall SW**, Hinton RY. Descriptive Epidemiology of Collegiate Women's Lacrosse Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):268-275.
116. Agel J, Evans TA, Dick R, Putukian M, **Marshall SW**. Descriptive Epidemiology of Collegiate Men's Soccer Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2002–2003. Journal of Athletic Training 2007:42(2):276-283.
117. Dick R, Putukian M, Agel J, Evans TA, **Marshall SW**. Descriptive Epidemiology of Collegiate Women's Soccer Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2002–2003. Journal of Athletic Training 2007:42(2):284-291.
118. Agel J, Palmieri-Smith RM, Dick R, Wojtys EM, **Marshall SW**. Descriptive Epidemiology of Collegiate Women's Volleyball Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):292-299.
119. Agel J, Ransone J, Dick R, Oppliger R, **Marshall SW**. Descriptive Epidemiology of Collegiate Men's Wrestling Injuries: National Collegiate Athletic Association Injury Surveillance System, 1988–1989 Through 2003–2004. Journal of Athletic Training 2007:42(2):300-307.
120. Guskiewicz KM, **Marshall SW**, Bailes J, McCrea M, Harding HP, Matthews A, Mihalik JR, Cantu RC. Recurrent concussion and risk of depression in retired professional football players. Medicine and Science in Sport and Exercise 2007: 39(6):903-909.
121. *Rentz D, **Marshall SW**, Loomis D, Martin SL, Casteel C, Gibbs D. Effect of deployment on the occurrence of child maltreatment in military and non-military families. American Journal of Epidemiology 2007:165(10):1199-1206.
122. Knapik J, **Marshall SW**, Lee R, Darakjy S, Jones SB, dela Cruz GC, Mitchner TA, Jones BH. Injury prevention effectiveness and physical properties of mouthguards in sports and recreational exercise. Sports Medicine 2007:37(2):117-144.
123. *Knowles SB, **Marshall SW**, Loomis DP, Weaver N, Yang J, Bowling JM, Kalsbeek W, Mueller FO. Risk factors for high school sports injury. American Journal of Epidemiology 2006:164(12):1209-1221
124. Sanford K, **Marshall SW**, Martin SL, Cook P, Coyne-Beasley T, Demissie Z. Deaths from violence in North Carolina 2004: How deaths differ between women and men. Injury Prevention. 2006;12(Suppl II):ii10–ii16.

125. Koshiol JE, Schroeder JC, Jamieson DJ, **Marshall SW**, Duerr A, Heilig CM, Shah KV, Klein RS, Cu-Uvin S, Schuman P, Celentano D, Smith JS. Smoking and time to clearance of human papillomavirus infection in HIV-seropositive and HIV-seronegative women. American Journal of Epidemiology 2006:164(2):176-83
126. Koshiol JE, Schroeder JC, Jamieson DJ, **Marshall SW**, Duerr A, Heilig CM, Shah KV, Klein RS, Cu-Uvin S, Schuman P, Celentano D, Smith JS. Time to clearance of human papillomavirus infection by type and human immunodeficiency serostatus. International Journal of Cancer 2006:119(7):1623-1629.
127. Griffin LY, Albohm MJ, Arendt EA, Bahr R, Beynnon BD, DeMaio M, Dick RW, Engebretsen L, Garrett WE, Gilchrist J, Hannafin JA, Hewett TE, Huston LJ, Johnson RJ, Lephart S, Ireland ML, Mandelbaum BR, Mann B, Marks PH, **Marshall SW**, Myklebust G, Noyes FR, Powers C, Shields C, Shultz S, Silvers H, Slauterbeck J, Taylor D, Teitz C, Wojtys EM, Yu B. Understanding and preventing non-contact ACL injuries: a review of the Hunt Valley II meeting, January 2005. American Journal of Sports Medicine 2006:34(9):1512-1532.
128. Cavanaugh JT, Guskiewicz K, Giuliani C, **Marshall SW**, Mercer VS, Stergiou N. Recovery of postural control after cerebral concussion: new insights using Approximate Entropy. Clinical Journal of Sport Medicine. Journal of Athletic Training 2006: 41(3):305-313.
129. Abrahamson PE, Gammon MD, Lund MJ, Britton JA, **Marshall SW**, Flagg EW, Porter PL, Brinton LA, Eley JM, Coates RJ. Recreational physical activity and survival among young women with breast cancer. Cancer 2006; 107(8):1777-1785.
130. Mirabelli MC, Wing S, **Marshall SW**, Wilcosky TC. Asthma symptoms among adolescents attending public schools located near confined swine feeding operations. Pediatrics 2006:118(1):e66-e75.
131. *Knowles S, **Marshall SW**, Guskiewicz KM. Estimating rates and risks in sports injury research. Journal of Athletic Training. 2006: 41(2):201-215.
132. Mirabelli MC, Wing S, **Marshall SW**, Wilcosky TC. Race, poverty, and potential exposure of middle school students to air emissions from confined swine feeding operations. Environmental Health Perspectives 2006:114(4):591-596.
133. *Rentz ED, Martin SL, Gibbs DA, Clinton-Sherrod M, Hardison J, **Marshall SW**. Family violence in the military: a review of the literature. Trauma, Violence, and Abuse 2006:7(2):93-108.
134. Padua DA, **Marshall SW**. Evidence Supporting ACL Injury Prevention Exercise Interventions: A Systematic Review of the Literature. Athletic Therapy Today 2006:11(2):11-23.
135. Sanford K, **Marshall SW**, Norwood T. North Carolina Deaths from Violence in 2004. North Carolina Medical Journal 2005: 66(5): 403-404.
136. Onate JA, Guskiewicz KM, **Marshall SW**, Giuliani C, Yu B, Garrett WE. Instruction of jump-landing technique utilizing videotape feedback: altering lower extremity motion patterns. American Journal of Sports Medicine 2005: 33(6):831-842
137. Elliott L, Heederik D, **Marshall SW**, Peden D, Loomis D. Incidence of allergy and allergy symptoms among workers exposed to laboratory animals. Occupational and Environmental Medicine 2005: 62(11):766-771.
138. Cavanaugh JT, Guskiewicz K, Giuliani C, **Marshall SW**, Mercer VS, Stergiou N. Detecting altered postural control after cerebral concussion in athletes without postural instability. British Journal of Sport Medicine 2005:39(11):805-811.
139. *Yang JZ, Bowling JM, Lewis MA, **Marshall SW**, Runyan CW, Mueller FO. Use of discretionary protective equipment in high school athletes: prevalence and determinants. American Journal of Public Health 2005: 95:1996-2002.
140. Guskiewicz KM, **Marshall SW**, Bailes J, McCrea M, Cantu RC, Randolph C, Jordan BD. Association between recurrent concussion, mild cognitive impairment, and Alzheimer's disease in retired professional football players. Neurosurgery 2005: 57(4):719-26
141. McCrea M, Barr W, Guskiewicz KM, Randolph C, **Marshall SW**, Cantu RC, Onate JA, Kelly JP. Standard regression-based methods for measuring recovery after sport-related concussion. Journal of International Neuropsychological Society, 2005: 11:58-69.
142. *Kucera K, **Marshall SW**, Kirkendall DT, Marchek PM, Garrett WE. Injury history as a risk factor for incident injury in youth soccer. British Journal of Sports Medicine 2005:39(7):462-466.

143. Elliott L, Heederik D, **Marshall SW**, Peden D, Loomis D. Progression of symptoms in laboratory animal allergy. Journal of Allergy & Clinical Immunology, 2005:116:127-132.
144. Loomis DP, **Marshall SW**, Ta M. Employer policy towards guns in the workplace and risk of homicide on the job. American Journal of Public Health, 2005:95:830-832.
145. **Marshall SW**, Loomis DP, Waller AE, Bird YN, Chalmers DJ, Feehan M, Quarrie KL. Limited effectiveness of protective equipment in Rugby Union. International Journal of Epidemiology, 2005: 34:113-118.
146. *Yang JZ, **Marshall SW**, Bowling JM, Runyan CW, Mueller FO, Lewis MA. Use of discretionary protective equipment and rate of lower extremity injury in high school athletes. American Journal of Epidemiology, 2005: 161(6):511-519.
147. Runyan CW, Perkis D, Black C, **Marshall SW**, Johnson RM, Coyne-Beasley T, Waller AE. Unintentional injuries in the home in the United States - part I: mortality. American Journal of Preventive Medicine, 2005:28:73-79.
148. Runyan CW, Perkis D, **Marshall SW**, Johnson RM, Coyne-Beasley T, Waller AE, Black C, Baccaglini L. Unintentional injuries in the home in the United States - part II: morbidity. American Journal of Preventive Medicine, 2005:28:80-87.
149. **Marshall SW**, Runyan CW, Yang J, Coyne-Beasley T, Johnson RM, Waller AE. Prevalence of selected risk and protective factors for falls in the home. American Journal of Preventive Medicine, 2005:28:95-101.
150. Runyan CW, Johnson RM, Waller AE, Yang J, Perkis D, **Marshall SW**, Coyne-Beasley T. Risk and protective factors for fires, burns, and carbon monoxide poisoning in U.S. households. American Journal of Preventive Medicine, 2005:28:102-108.
151. Runyan CW, **Marshall SW**, Coyne-Beasley T. Commentary: A future for home safety research and intervention. American Journal of Preventive Medicine, 2005:28:95-101.
152. *Schulz MR, **Marshall SW**, Mueller FO, Yang J, Weaver NL, Guskiewicz KM, Bowling JM, Kalsbeek WK. Incidence of, and risk factors for, concussion in North Carolina high school athletics. American Journal of Epidemiology 2004:160:937-944.
153. **Marshall SW**. Testing with confidence: the use and misuse of confidence intervals in biomedical research (editorial). Journal of Science and Medicine in Sport 2004:7(2):135-137.
154. **Marshall SW**, Kucera K, Loomis DP, McDonald MA, Lipscomb H. Traumatic injuries in commercial fishers in North Carolina. Injury Prevention 2004:10:217-221.
155. Bena JF, Bailer AJ, Loomis DP, Richardson D, **Marshall SW**. Effects of data limitations when modeling fatal occupational injury rates. American Journal of Industrial Medicine, 2004; 46(3): 284-296.
156. Jacobs AD, Ammerman AS, Ennett ST, Campbell MK, Tawney KW, Aytur SA, **Marshall SW**, Will JC, Rosamond WD. Effects of a tailored follow-up intervention in health behaviors, beliefs, and attitudes. Journal of Women's Health, 2004:13(5):557-568.
157. Lipscomb H, Loomis DP, McDonald MA, Kucera K, **Marshall SW**, Li Leiming. Musculoskeletal symptoms among commercial fishers in North Carolina. Applied Ergonomics, 2004:35:417-426.
158. *Keenan H, Runyan DK, **Marshall SW**, Nocera MA, Merten DF. A population-based study of clinical and outcome characteristics in young children with serious inflicted and noninflicted traumatic brain injury. Pediatrics 2004:114:633-639.
159. *Schulz MR, **Marshall SW**, Yang J, Mueller FO, Weaver NL, Bowling JM. A prospective cohort study of injury incidence and risk factors in North Carolina high school competitive cheerleaders. American Journal of Sports Medicine 2004:32(2):396-405
160. *Keenan H, **Marshall SW**, Runyan DK, Nocera MA, Merten DF, Sinal SH. Increased incidence of inflicted traumatic brain injury following a natural disaster. American Journal of Preventive Medicine 2004:26(3):189-193.
161. Avery RC, Wing S, **Marshall SW**, Schiffman SS. Odor from industrial hog farming operations and muscosal immune function in neighbors. Journal of Epidemiology and Community Health 2004:59(21):101-108.
162. **Marshall SW**, Mueller FO, Kirby DT, Yang J. Evaluation of safety balls and face guards to prevent injury in youth baseball. JAMA 2003: 289:568-574.

163. *Keenan H, Runyan DK, **Marshall SW**, Nocera MA, Merten DF, Sinal SH. Epidemiology of inflicted traumatic brain injury in young children. JAMA 2003:290(5):621-626.
164. **Marshall SW**, Guskiewicz KM. Sports and recreational injury: The hidden cost of healthy lifestyle (editorial). Injury Prevention 2003:9(2):100-102.
165. Guskiewicz KM, McCrea M, **Marshall SW**, Cantu RC, Randolph C, Barr W, Onate JA, Kelly JP. Cumulative consequences of recurrent concussion in collegiate football players: the NCAA concussion study. JAMA 2003:19:290(19):2549-2555.
166. McCrea M, Guskiewicz KM, **Marshall SW**, Barr W, Randolph C, Cantu RC, Onate JA, Yang J, Kelly JP. Acute effects and recovery time following concussion in collegiate football players: the NCAA concussion study. JAMA 2003:290(19):2556-2563.
167. **Marshall SW**, Loomis D, Gurka K. Environmental and administrative controls to prevent workplace violence. Clinics in Occupational and Environmental Medicine 2003:3(4):751-762.
168. *Clingenpeel J, **Marshall SW**. Prevalence of ski helmet rental at U.S. ski areas. Injury Prevention 2003:9:317-321.
169. Guskiewicz KM, **Marshall SW**, Broglio SP, Cantu RC, Kirkendell DT. No evidence of impaired neurocognitive performance in collegiate soccer players. American Journal of Sports Medicine 2002:30(2):157-162.
170. Weaver NL, **Marshall SW**, Miller MD. Preventing Sports Injuries: Opportunities for intervention in youth athletics. Patient Education and Counseling 2002:46:3:199-204.
171. Loomis D, **Marshall SW**, Wolf S, Runyan CW, Butts JD. Recommended safety measures and prevention of workplace homicide. JAMA 2002:287(8):1011-1017.
172. **Marshall SW**, Waller AE, Dick RW, Pugh CB, Loomis DP, Chalmers DJ. An ecologic study of protective equipment and injury in two full contact sports. International Journal of Epidemiology 2002:31:587-592.
173. Mueller FO, **Marshall SW**, Kirby D. Little League Baseball Injury Study, 1987-1996. Physician and Sports Medicine 2001:29(7):41-48.
174. Quarrie KL, Alsop JC, Waller AE, Bird YN, **Marshall SW**, Chalmers DJ. A prospective cohort study of risk factors for injury in Rugby Union football. British Journal of Sports Medicine 2001:35:157-166.
175. Loomis D, Wolf S, Runyan CW, **Marshall SW**, Butts JD. Homicide on the job: workplace and community determinants. American Journal of Epidemiology 2001:154(5):410-417.
176. **Marshall SW**, Waller AE, Loomis DP, Feehan M, Chalmers DJ, Bird YN, Quarrie KL. Use of protective equipment in a cohort of rugby players. Medicine and Science in Sports and Exercise 2001:33(12):2131-2138.
177. **Marshall SW**, Spencer RJ. Concussion in Rugby: The hidden epidemic. Journal of Athletic Training 2001:36(3):334-338.
178. Guskiewicz KM, Ross SE, **Marshall SW**. Postural stability and neuropsychological deficits following concussion in collegiate athletes. Journal of Athletic Training 2001:36(3):263-273.
179. Alsop JC , Chalmers DJ, Williams SM, Quarrie KL, **Marshall SW**, Sharples KJ. The New Zealand Rugby Injury and Performance Project. VI. Temporal patterns of injury during a rugby season. Journal of Science and Medicine in Sports 2000:3(2):97-109.
180. **Marshall SW**, Runyan CW, Bangdiwala SI, Linzer MA, Sacks JJ, Butts JB. Fatal residential fires: Who dies and who survives? JAMA 1998:279(20):1633-1637.
181. Grant EJ, Winbon CF, Birckmayer J, **Marshall SW,** Peterson HD. North Carolina study of pyrotechnics-related injuries and property damage. Journal of Burn Care and Rehabilitation 1998:19(3):265-267.
182. Waller AE, **Marshall SW**, Langley JD. Adult thermal injuries in New Zealand resulting in death and hospitalization. Burns 1998:24(3):245-251.
183. Bird YN, Waller AE, **Marshall SW**, Chalmers DJ, Alsop JC, Gerrard DF. The New Zealand Rugby Injury and Performance Project. V. Descriptive epidemiology of a season of rugby injury. British Journal of Sports Medicine 1998: 32(4):319-325.
184. Dufort VM, Kotch JB, **Marshall SW**, Waller AE, Langley JD. Occupational injuries among adolescents in Dunedin, New Zealand, 1990-1993. Annals of Emergency Medicine 1997:30(3):266-273.

185. Burridge JD, **Marshall SW**, Laing RM. Work-related hand and lower arm injuries in New Zealand 1979-1988. Australian and New Zealand Journal of Public Health 1997:21(5):451-454.
186. Reeder AI, Chalmers DJ, **Marshall SW**, Langley JD. Psychological and social predictors of motorcycle use by young adult males in New Zealand. Social Science and Medicine 1997:45(9):1357-1376.
187. Laing RM, Burridge JD, **Marshall SW**, Keast D. Hand and lower arm injuries among New Zealand meat workers and use of protective clothing. New Zealand Medical Journal 1997:110(1052):358-361.
188. Langley JD, Clarke J, **Marshall SW**, Cryer PC, Alsop J. Tractor fatalities and injury on New Zealand farms. Journal of Agricultural Safety and Health 1997:3(3):145-159.
189. Chalmers DJ, **Marshall SW**, Langley JD, Evans MJ, Brunton CR, Kelly A, Pickering AF. Height and surfacing as risk factors for injury in falls from playground equipment: A case-control study. Injury Prevention 1996:2:98-104.
190. Langley JD, Norton RN, Alsop J, **Marshall SW**. Airgun injuries in New Zealand 1979-92. Injury Prevention 1996:2:114-117.
191. Langley JD, **Marshall SW**, Begg DJ, Reeder AI. Motorcycle crashes resulting in death and hospitalization III: non-traffic crashes. Journal of Agricultural Safety and Health 1996:1(4):249-259.
192. Langley JD, **Marshall SW**, Norton RN. Non-fatal firearm injuries in New Zealand 1979-92. Annals of Emergency Medicine 1996:28(2):170-175.
193. Williamson DS, Bangdiwala SI, **Marshall SW**, Waller AE. Repeated measures analysis of binary outcomes: Applications to injury research. Accident Analysis and Prevention 1996:28(5):571-579.
194. **Marshall SW**, Clarke J, Langley JD, Cryer PC. Overview of injury on New Zealand farms. Journal of Agricultural Safety and Health 1996:2(4):175-190.
195. Begg DJ, Langley JD, Moffitt T, **Marshall SW**. Sport and delinquency: An examination of the deterrence hypothesis in a longitudinal study. British Journal of Sports Medicine 1996:30:335-341.
196. Roy CW, Sands MR, Hill LD, Harrison A, **Marshall SW**. The effect of shoulder pain on outcome of acute hemiplegia. Clinical Rehabilitation 1995:9:21-27.
197. Kawachi I, **Marshall SW**, Cryer PC. Trends in chainsaw injury among forestry workers in New Zealand 1979-1988. Journal of Occupational Health and Safety, Australia and New Zealand 1995:11(2):145-152.
198. Clarke J, Waller AE, **Marshall SW**, Langley JD. Barriers to the reduction of domestic hot water temperatures. Safety Science 1995:18:181-192.
199. Langley JD, **Marshall SW**, Clarke JA, Begg DJ, Reeder AI. Motorcycle/ATV crashes on farms. Journal of Occupational Health and Safety, Australia and New Zealand 1995:11(4):387-394.
200. Kawachi I, **Marshall SW**, Cryer PC, Wright D, Slappendel C, Laird I. Work-related injury among forestry workers in New Zealand. Journal of Occupational Health and Safety, Australia and New Zealand 1994:10(3):213-223.
201. **Marshall SW**, Kawachi I, Cryer PC, Wright D, Slappendel C, Laird I. Long-term secular trends in the rate of work-related injury among New Zealand forestry workers. Journal of Occupational Health and Safety, Australia and New Zealand 1994:10(3):225-232.
202. Hume P, **Marshall SW**. Sports injuries in New Zealand: exploratory analyses. New Zealand Journal of Sports Medicine 1994:22:18-22.
203. Langley JD, **Marshall SW**. The severity of road traffic crashes resulting in hospitalisation in New Zealand. Accident Analysis and Prevention 1994:26:549-554.
204. **Marshall SW**, Kawachi I, Cryer PC, Laird I, Slappendel C, Wright D. The epidemiology of forestry work-related injuries in New Zealand, 1975-1988: fatalities and hospitalisations. New Zealand Medical Journal 1994:107:434-437.
205. Waller AE, Feehan M, **Marshall SW**, Chalmers DJ. The New Zealand Rugby Injury and Performance Project: I. Design and methodology of a prospective follow-up study. British Journal of Sports Medicine 1994:28(4):223-228.

206. Irving LM, **Marshall SW**, Norton RN. Motor vehicle occupant injuries in New Zealand children, 1981-1990. New Zealand Medical Journal 1994:107:475-477.
207. Slappendel C, Laird I, Kawachi I, **Marshall SW**, Cryer PC. Factors affecting injury among forestry workers: a review. Journal of Safety Research 1993:24(1):19-32.
208. Kotch JB, Chalmers DJ, Fanslow J, **Marshall S**, Langley JD. Morbidity and death due to child abuse in New Zealand. Journal of Child Abuse and Neglect 1993:17:233-247.
209. Kotch JB, Chalmers DJ, Langley JD, **Marshall S**. Child care and home injuries involving playground equipment. Journal of Paediatrics and Child Health 1993:29:222-227.
210. Phillips DE, Langley JD, **Marshall SW**. Injury: the medical and related costs in New Zealand 1990. New Zealand Medical Journal 1993:106(957):215-218.
211. **Marshall SW**, Kawachi I, Pearce NE, Borman B. Social class differences in mortality from diseases amenable to medical intervention in New Zealand. International Journal of Epidemiology 1993:22(2):255-261.
212. Pearce NE, Pomare E, **Marshall SW**, Borman B. Mortality and social class in Maori and non-Maori New Zealand men: changes between 1975-77 and 1985-87. New Zealand Medical Journal 1993:106(956):193-196.
213. Langley JD, Phillips D, **Marshall SW**. Inpatient costs of injury due to motor vehicle traffic crashes in New Zealand. Accident Analysis and Prevention 1993:25(5):585-592.
214. Waller AE, **Marshall SW**. Childhood thermal injuries in New Zealand resulting in death and hospitalisation. Burns 1993:19(5):371-376.
215. Collins BA, Langley JD, **Marshall SW**. Injuries to pedal cyclists resulting in death or hospitalisation. New Zealand Medical Journal 1993:106:514-517.
216. **Marshall SW**, Langley JD, Begg DJ. Motorcycle fatalities in New Zealand: A data base linkage study. Road & Transport Research 1993:2(4):46-55.
217. Bremner P, Burgess CD, Beasley R, Woodman K, **Marshall S**, Crane J, Pearce N. Nebulised fenoterol causes greater cardiovascular and hypokalaemic effects than equivalent bronchodilator doses of salbutamol in asthmatics. Respiratory Medicine 1992:86:419-423.
218. Koorey AJ, **Marshall SW**, Treasure ET, Langley JD. The incidence of facial fracture resulting in hospitalisation in New Zealand from 1979 to 1988. International Journal of Oral Maxillofacial Surgery 1992:21:77-79.
219. Dockerty J, **Marshall S**, Fraser J, Pearce N. Stomach cancer in New Zealand. Time trends, ethnic group differences, and a cancer registry-based case-control study. International Journal of Epidemiology 1991:20:45-53.
220. Pearce N, **Marshall S**, Borman B. Undiminished social class mortality differences in New Zealand men. New Zealand Medical Journal 1991:104(910):153-6.
221. Kawachi I, **Marshall S**, Pearce N. Widening social class inequalities in the decline of coronary heart disease among New Zealand men, 1975-1977 to 1985-1987. International Journal of Epidemiology 1991:20(2):393-398.
222. Phillips D, Kawachi I, **Marshall S**, Purdie G. No evidence for social class inequalities in interventions for coronary heart disease in Otago, 1987-1989. New Zealand Medical Journal 1991:104:507-509.
223. Burgess C, Windom H, Pearce N, **Marshall S**, Sieber R, Stewart R, Crane J. Lack of evidence for beta-2 receptor selectivity with epinephrine, isoproterenol, metaproterenol and fenoterol in patients with asthma. American Review of Respiratory Disease 1991:143:444-446.
224. Christie DRH, Spry NA, **Marshall S**, Lamb DS. Prostate irradiation does not affect serum prostatic acid phosphatase level. Clinical Oncology 1991:3:262-264.
225. Sayer HK, **Marshall SW**, Mellsop GW. Mania and seasonality in the southern hemisphere. Journal of Affective Disorders 1991:23:151-156.
226. Pearce N, Prior I, Methven D, Culling C, **Marshall S**, Auld J, de Boer G, Bethwaite P. Follow up of New Zealand participants in British atmospheric nuclear weapons tests in the Pacific. British Medical Journal 1990:300:1161-6.

(c) Oral Presentations

1. **Marshall SW**. Can Epidemiology Help Make the Word a Better Place?. Columbia University, New York NY. Jan 14, 2015. (forthcoming)
2. **Marshall SW**. Risk Factors for ACL Injury. International Olympic Committee World Conference on Injury and Illness in Sport. Monte Carlo, Monaco. April 11, 2014.
3. **Marshall SW**. **Distinguished Guest Speaker**, High Point University School of Health Sciences Distinguished Lecture Series. "Concussion, Dementia and Football: Time to End the Game?" March 12, 2013
4. **Marshall SW**. **Keynote Speaker**, 11th World Conference on Injury Prevention and Safety Promotion. Wellington NZ. "How Concussions Will Make Sports Safer"
5. **Marshall SW**. Movement Biomechanics, ACL Injury, and Osteo-arthritis. University of North Carolina, Chapel Hill NC. (2012) North Carolina Cartilage - Arthritis Research Alliance Meeting
6. **Marshall SW**. Preventing Injury; the role of academic centers. Mid-Region RAC, Siler City NC. (2011)
7. **Marshall SW**. Biomechanical Risk Factors for ACL Injury. Medical University of South Carolina, Charleston SC. (2010)
8. **Marshall SW**. Injury Prevention and its Importance to Maintenance of Physical Activity. Arnold School of Public Health, University of South Carolina, Columbia SC. (2010)
9. **Marshall SW**. Epidemiologic Studies of ACL Injury: Present, Past, & Future. Keynote address, ACL Research Retreat V. Greensboro, NC. (2010)
10. **Marshall SW**. Preventing Youth Sports Injury: An Evidence-Based Review. American Medical Society for Sports Medicine. Cancun, Mexico (2010).
11. **Marshall SW**. ACL Injury Risk Factors. John A Feagin International Leadership Forum Duke University. (2009)
12. **Marshall SW**. Innovations in Collegiate Sports Injury Surveillance. Kansas City, National Operating Committee for Standards in Athletic Equipment (2009)
13. **Marshall SW**, Hootman J, Klossner D, Guskiewicz KM. Evidence Based Forum: Trends in Concussion Incidence. National Athletic Trainers Association, San Antonio. (2009)
14. **Marshall SW**. Advanced Statistical Methods. American Orthopedic Society for Sports Medicine. Keystone CO (2009).
15. **Marshall SW**. Incidence & Prevalence: Measuring the Burden of Sports Injury. University of Otago, School of Physical Therapy. (2009)
16. **Marshall SW**. Concussion in Children's Sport. University of Otago, William Evans Lecture. (2009)
17. **Marshall SW**. Risk Factors for ACL and other Severe Knee Injuries. University of Otago, Department of Preventive and Social Medicine. (2009)
18. **Marshall SW**. Epidemiologic Measures of Incidence in Sports Injury Research. University of Otago, Department of Human Performance. (2009)
19. **Marshall SW**. Incidence & Prevalence: Understanding & Computing Risks, Rates, and CIs. National Athletic Trainers Association, St Louis. (2008)
20. **Marshall SW**. Science-based prevention of youth sports injuries. NC Institute of Medicine, Task force on Adolescent Health. Cary NC (2008).
21. Shrier I, Hopkins WG, **Marshall SW**. Conversational Forum on "Sample Size Estimation for Research Grant Applications and Institutional Review Boards". American College of Sports Medicine, Indianapolis, Indiana. (2008)
22. Hopkins WG, **Marshall SW**. Colloquium on "Biostatistical Guidelines for the Reporting of Research in Exercise Science and Sports Medicine Journals" American College of Sports Medicine, Indianapolis, Indiana. (2008)
23. **Marshall SW**. Confidence intervals for injury rates using surveillance data. American Public Health Association, Washington DC (2007)
24. **Marshall SW**. Quantitative methods for injury research (invited). Society for Advancement of Violence and Injury Research, Columbus OH (2007)
25. **Marshall SW**, Padua DA. Beutler AI, wolf S, Boling MC, Strickland LJ, Thigoen C, DeBerardino TM, Pyne SW, Tokish J, Garrett WE. Muscle Strength, Postural Alignment, and Body Mass as Risk Factors for Incident ACL Injury: Initial Results from the JUMP-ACL Cohort. Society of Military Orthopedic Surgeons, Honolulu, HI (2006).
26. **Marshall SW**, Devine S. Longitudinal Data Analysis (one day workshop) Glaxo-Smith –Kline,

RTP, NC (2006).

27. **Marshall SW**. Risk factors for ACL injury in women. UNC-Greensboro Center for Women's Health. (2005).
28. **Marshall SW**. New Tools for Old Problems: The Fusion of Epidemiology and Biomechanics. UNC Injury Prevention Research Center. (2004).
29. Runyan CW, **Marshall SW**. The Legacy of Patricia Waller. American Public Health Association. Washington, DC. (2004).
30. **Marshall SW**. Study power. American Orthopedic Society for Sports Medicine. Quebec City, Quebec, Canada (2004).
31. **Marshall SW**. Prevention of Sports Injuries. American Orthopedic Society for Sports Medicine. Quebec City, Quebec, Canada (2004).
32. **Marshall SW**. Cardiovascular health, nutrition, and physical activity in NFL retirees. American College of Sports Medicine. San Fransciso, CA (2003).
33. **Marshall SW**. Use of Generalized Poisson Regression Models for Sports Injury Cohort Studies. Society for Epidemiologic Research. Atlanta, GA (2003).
34. Wojtys E, Kirkendell D, **Marshall SW**. Statistics: the Mean Truth. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
35. Kocher M, **Marshall SW**. Observational study designs. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
36. **Marshall SW**. Role of statistics in research. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
37. **Marshall SW**. Years of Potential Life Lost, Aging, and Injury. UNC-CH Department of Epidemiology. Chapel Hill, NC (2001).
38. **Marshall SW**. Authorship and Ethical Issues in Publishing. UNC-CH School of Public Health Workshop on Writing. Chapel Hill, NC (2001).
39. **Marshall SW**, Mueller FO, Yang J, Weaver NL, Bowling JM. Gender Comparisons of High School Sports Injury. American College of Sports Medicine. Baltimore, MD (2001).
40. **Marshall SW**, Yang J. Injury Databases for Sports Injury Surveillance. American College of Sports Medicine. Baltimore, MD (2001).
41. **Marshall SW**. Longitudinal Data Analysis: Repeated Measures Dichotomous Data. American College of Sports. Baltimore, MD (2001).
42. **Marshall SW**. Epidemiologic Study Designs and Measures for Sports Injury Research. American College of Sports Medicine Annual Meeting. Baltimore, MD (2001).
43. **Marshall SW**, Mueller FO, Kirby DT. Preventing injuries in youth baseball. Oral Presentation, American Public Health Association. Atlanta, GA (2001).
44. **Marshall SW**. Alternating Logistic Regression: Applications to Injury Research. American Public Health Association. Atlanta, GA (2001).
45. **Marshall SW**. Towards a Revised Injury Surveillance System. NCAA Committee on Medical and Safety Standards. Indianapolis, IN. (2000)
46. **Marshall SW**, Loomis DP, Waller AE, Feehan M, Bird YN, Chalmers DJ, Quarrie KL. Effectiveness of protective equipment in a cohort of rugby players. American College of Sports Medicine. Indianapolis, IN (2000).
47. **Marshall SW**, Mueller FO, Weaver NL. Gender Differences in Athletic Injury Rates. Oral presentation, American College of Sports Medicine. Indianapolis, IN (2000).
48. **Marshall SW**. Cost of Sports Injury. National Athletic Trainers Association. Nashville TN (2000).
49. **Marshall SW**, Loomis DP, Waller AE, Feehan M, Bird YN, Chalmers DJ, Quarrie KL. Effectiveness of protective equipment in a cohort of rugby players. American Public Health Association. Chicago, IL (1999).
50. **Marshall SW**. Risk Factors for Injury in Falls from Playground Equipment. Department of Public Health Education, School of Health and Human Performance, Greensboro, NC (1998).
51. **Marshall SW**. Injuries in Falls from Playground Equipment. UNC Highway Safety Research Center, Chapel Hill, NC (1998).

52. **Marshall SW**, Weaver NL, Spicer RS, Miller TR, Mueller FO, Waller AE. Cost of High School Sports Injury in North Carolina. National Surveillance of High School Sports Injury: A Multidisciplinary Planning Conference. Chapel Hill, NC (1998).
53. **Marshall SW**, Mueller FO. Epidemiology of youth baseball injury. American College of Sports Medicine. Denver, CO (1997).
54. **Marshall SW**, Bangdiwala SI. New methods for longitudinal analysis of injury data. American Public Health Association. Indianapolis, IN (1997).
55. **Marshall SW**, Runyan CW, Bangdiwala SI. Linzer MA, Butts JD. Risk factors for death and injury in fatal residential fires. American Public Health Association. Indianapolis, IN (1997).
56. **Marshall SW**, Runyan CW, Bangdiwala SI. Linzer MA, Butts JD. Risk factors for death in fatal residential fires. Annual Regional Burn Seminar. Chapel Hill, NC (1997).
57. **Marshall SW**, McGinnis J. Playground Safety: Making Research Work in the Field. University of North Carolina Injury Prevention Research Center Seminar Series, Chapel Hill, NC (1996).
58. Waller AE, **Marshall SW**. Topics in Injury Surveillance. University of North Carolina Department of Emergency Medicine Grand Rounds, Chapel Hill, NC (1995).
59. **Marshall SW**, Waller AE. Injury Research in New Zealand - Data Sources and Recent Projects. University of North Carolina Injury Prevention Research Center Seminar Series, Chapel Hill, NC (1994).
60. **Marshall SW**, Paul C. Inequalities in health in New Zealand. Public Health Association Seminar (Otago/Southland Branch). Dunedin, New Zealand (1993).
61. **Marshall SW**. The severity of injuries sustained in road crashes - some comparisons between New Zealand and the United States. Injury Prevention Research Centre Seminar. Auckland, New Zealand (1992).
62. **Marshall SW**, Langley JD, Phillips D. Severity and medical costs associated with the road casualty problem in New Zealand. Harborview Injury Prevention Research Center Seminar, Seattle, WA (1992).
63. **Marshall SW**, Langley JD. Injury data sources in New Zealand: strengths and limitations. Public Health Association of New Zealand. Lincoln, New Zealand. (1992).
64. **Marshall SW**, Langley JD, Phillips D. Severity and medical costs associated with the road casualty problem in New Zealand. Association for the Advancement of Automotive Medicine. Portland, OR (1992).
65. **Marshall SW**. Work-related injury among forestry workers in New Zealand. Injury Prevention Research Unit Seminar. Dunedin, New Zealand (1991).
66. Kawachi I, **Marshall S**, Cryer PC, Laird I, Slappendel C, Wright D. Work-related injuries among New Zealand forestry workers: fatalities and hospitalisations. Public Health Association of New Zealand Annual Conference. Hamilton, New Zealand (1991).
67. **Marshall SW**, Kawachi I, Cryer PC. Methodology of a large-scale injury epidemiology study in forestry. Union/Tertiary Research Conference. Wellington, New Zealand (1991).
68. Kawachi I, **Marshall SW**. Trends in the rate of chainsaw injury among New Zealand forestry workers. Australia New Zealand Institute of Foresters. Christchurch, New Zealand (1991).

(d) Other Works

1. **Marshall SW**. Commentary on “Making Meaningful Inferences about Magnitudes”. Sportscience 2005:9:43-44.
2. **Marshall SW**. Book Review: “Epidemiology: An Introduction” by K.J. Rothman and “Making Sense of Data” by J.H. Abramson and Z.H. Abramson. Injury Prevention, 2004:10:320.
3. **Marshall SW**, Poole C, Waller AE. Sunscreen use and malignant melanoma risk: the jury is still out (letter). American Journal of Public Health 2003: 2003:93:11-12.
4. **Marshall SW**, Mueller FO, Kirby DT, Yang J. The authors respond re: “Evaluation of safety balls and face guards to prevent injury in youth baseball” (letter). JAMA 2003:290(2):194-195.
5. **Marshall SW**. Do back belts prevent injury (letter)? JAMA 2001:285:1151.
6. Pugh C, Waller AE, **Marshall SW**. Physical activity and public health (letter). JAMA 1995:274:533.

VI. TEACHING RECORD

(a) Classroom Instruction

1. **Co-Instructor**, **EPID 718 (Regression Models in Epidemiologic Methods)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. 2009-2010; 2014. (3 credit-hours)
2. **Lead Instructor**, **EPID 710 (Introduction to Epidemiologic Methods)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Fall 2011-2013. (4 credit-hours).
3. **Lead Instructor, EPID690: Injury and Violence as a Public Health Problem**. School of Public Health, University of North Carolina at Chapel Hill. 2012, 2014.
4. **Guest Speaker**, **EPID 722: Epidemiologic Analysis of Time-to-Event Data**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill, 2011-2013. (3 credit-hours)
5. **Lead Instructor**, **Advanced Epidemiologic Methods: Multi-Level Models and Longitudinal Data Analysis.** International Summer School in Epidemiology, Ulm University, Germany, 2010-2011.
6. **Lead Instructor**, **EPID 690 (Intervention Epidemiology)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. 2009-2011, 2012. (2 credit-hours)
7. **Lead Instructor**, **EPID 719 (Readings in Epidemiologic Methods)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. 2009. (1 credit-hour)
8. **Guest Speaker**, **EPID 710 (Introduction to Epidemiologic Methods)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. 2008-2009. (3 lectures)
9. **Lead Instructor**, **EPID 722 (formerly 271): Epidemiologic Analysis of Time-to-Event Data**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Instructor, 2003-2008. (3 credit-hours)
10. **Co-Instructor**, **EPID 889 (formerly 300)**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. **Readings in Injury Epidemiology:** Co-Instructor, 2002, 2003, 2005. (Instructor: Dana Loomis). (1 credit-hour). **Methods in Sports Injury Epidemiology**: Instructor, 2006.
11. **Instructor (and Co-Instructor)**, **EPID 730 (formerly 369): Advanced Methods for Epidemiology**. Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Instructor, 2002, 2004, 2006; Co-Instructor, 2001. 2001: Modeling Hierarchical and Longitudinal Data (1 credit-hour); 2002: Modeling Hierarchical and Longitudinal Data (1 credit-hour); Quantifying Precision and Validity (1 credit-hour). 2004: Longitudinal Data Analysis (1 credit-hour). 2006: Epidemiologic Analysis of Longitudinal and Hierarchical Data (1 credit-hour)
12. **Co-Instructor**, **EPID 269: Advanced Methods for Epidemiologic Data Analysis**. Instructor: Dr Irva Hertz-Picciotto (1998-99), Dr Jay Kaufman (2000-01). Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill. Co-Instructor, 1998-2001. For 2001: Six weeks (21 lectures) on survival analysis and Poisson regression for epidemiologic studies.
13. **Guest Speaker, HBHE 125: Injury as a Public Health Problem**. Instructors: Dr Carol Runyan and Dr Jonathan Kotch. School of Public Health, University of North Carolina at Chapel Hill. Teaching Assistant 1996, Co-Instructor 1997, Guest Speaker 1999-2010.

(b) Advising/Mentoring

1. **Chair of Dissertation Committee**: Zachary Kerr (2013), Ashley Schoenfisch (2012), Scott Masten (2011), Sudha Raman (2011), Melinda Eaton (2010), Yvonne Golightly (2010), Theresa Cruz (2008), Myduc Ta (2007), Kelly Gurka (2007), Danielle Rentz (2006), Sarah Knowles (2005), Heather Keenan (2004), Mark Schulz (2002).

2. **Member of Dissertation Committee**: Kim Angelon-Gaetz (2014), Catherine Vladitiu (2012), Steven Campbell (2011), David Bell (2010), Lindsay DiStefano (2009), Dara Mendes (2009), Jason Mahilik (2009), Alyssa Mansfield (2009), Brooke Levandowski (2008), Michelle Boling (2008), Rachel Avery (2007), Cathleen Brown (2006), Jennifer Norton (2006), Jens Levy (2006), Paige Abrahamson (2005), Rosalba Martinez (2005), Jill Koshiol (2005), Kristen Kucera (2006), Maria Mirabelli (2005), Jingzhen Yang (2004), Karen McCulloch (2004), James Cavanaugh (2004), Matthew Gurka (2003), Nancy Weaver (2004), Leslie Elliott (2004), Ricardo Pietrobon (2003), Lawrence Park (2002), James Onate (2002).
3. **Masters Paper - First Reader**: Ben Zarzaur (2006), Joel Clingenpeel (2003), Daniel Macklin (2003), Kristen Kucera (2002)
4. **Masters Paper - Second Reader**: Xiang Zhou (2003), Rachel Avery (2002), Viet Nguyen (2002), Ashley Cole (2001)
5. **Current Advisees**: Laura Sandt (doctoral), Karen Roos (doctoral), Jared Parrish (doctoral), Apostolos Alexandris (doctoral), Katherine Harmon (doctoral).
6. **International External Thesis Examiner:** Christina Louise Ekegren (2014 Monash University, Melbourne Australia); Osman Ahmed (2013 Otago University, Dunedin, New Zealand); Doug King (2010 AUT university, Auckland, New Zealand)

VII. GRANTS

*=NIH; **=CDC; ***=DoD

(a) Active Grants

1. Motor Vehicle Crash Injuries in Wake County, NC: Exploring available data sources and potential data linkages. Waller AE, Marshall SW, Harmon K, Dellapenna A. North Carolina Governor's Highway Safety Commission. 10/1/2014 – 9/30/2016. $135,300.
2. *P60 AR064166. **NIAMS Multidisciplinary Clinical Research Center**. Jordan JM, Callahan L, Rini C, Marshall SW, Patterson C, et al. Agency: National Institute of Arthritis, Musculoskeletal, and Skin Disorders, National Institutes of Health. 07/19/2013 - 06/30/2018. $5,595,390.
3. **South by SouthWest Injury Prevention Regional Network**. Marshall SW, Collins JW. Agency: NC Dept of Health and Human Services. $200,000. 10/01/2012 - 9/31/2017.
4. **Surveillance Quality Improvement Project**. Waller AE, Marshall SW. Agency: NC Dept of Health and Human Services. 8/1/2012 - 7/31/2015. $397,125
5. ***PR100250P1. **The Effect of a Neuromuscular Training Program on Reducing the Incidence of Lower Extremity Stress Fractures in Military Service Members.** Cameron KL (Lead PI), **Marshall SW** (Partnering PI, 10%) Padua DA, Beulter AI, Cameron KL, DiStefano KJ, DeLaMotte S. Agency: Congressionally Directed Medical Research Program. 09/01/2011-08/31/2015. $349,880.
6. **R49-CE001495. **"UNC Injury Prevention Research Center"** (PI). Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. 09/1/09–8/31/15 (no-cost extension). $1,910,834.00
7. *R01-HL105065. **Objective Physical Activity and Cardiovascular Health in Women Aged 80 and Older.** LaCroix A, Buchner D, Lamonte Michael, Marshall S (5%), Herring A, I-Min L, Evenson K, Lewis E, Prentice R. Agency: NIH/NHLBI. 04/01/2011 - 03/31/2015. $4,747,107

(b) Completed Grants

1. **Management and Oversight of the Datalys Center's Injury Surveillance System**. **Marshall SW** (PI, 10%), Wolf SH. Agency: Datalys Center for Sports Injury Research and Prevention. 10/1/08 – 7/31/12. $359,541.
2. **Association Between Football Exposure And Dementia In Retired Football Players.** Guskiewicz KM (PI), **Marshall SW** (co-PI; 3%). Agency: NFL Charities, 01/01/2011-06/30/2012. $99,616
3. *R03-AR057489 **Epidemiology of Patellofemoral Pain Syndrome: Identifying Gender Specific Risk Factors**. Boling M, **Marshall SW** (contractual), Padua DA, Beulter AI, Cameron KL. Agency: NIH/NIAMS & NIH/ORWH. 08/01/2010 - 06/30/2012. $145,733

4. **NATA-NATION: Secondary School Injury Surveillance and Outcomes System.** Marshall SW (PI, 5%), Dompier T (co-PI), Fritz J, Irwin D, Lincoln AE, Caswell S, Almquist J. Agency: National Athletic Trainers Association. 07/01/2010 – 06/30/2013. $374,454 (Grant awarded to the Datalys Center for Sports Injury Research and Prevention).
5. **A prospective biomechanical and neuropsychological study of head trauma in women's ice hockey.** Mihalik J, Guskiewicz KM, Cantu RC, Marshall SW (3%). Agency: National Operating Committee on Standards for Athletic Equipment. 2/01/2012-1/31/2014. $338,967.
6. **The effect of hyperbaric oxygen therapy on acute treatment of sport-related traumatic brain injuries: A double blind randomized clinical trial.** Mihalik J, Guskiewicz KM, Cantu RC, Marshall SW (3%). Agency: National Operating Committee on Standards for Athletic Equipment. 2/01/2013-1/31/2015. $91,616
7. **Prospective Investigation Of Sport-Related Concussion: Relationship Between Biomechanical, Neuroanatomical, And Clinical Factors.** Guskiewicz KM, Mihalik J, Smith JK, Lin W, Ciocco M, **Marshall SW** (2%), Hooker D, Oliaro S, McCrea M, Cantu RC, Greenwald R. Agency: National Operating Committee for Standards in Athletic Equipment. 1/30/2009 – 1/29/2011. $140,891.
8. *R01-ES015469. **Local health impacts of land application of sewage sludge.** Wing SB (PI), Serre M, Aitken M, Grant G, Hale R Greenberg G, **Marshall SW** (5%). Agency: National Institute of Environmental Health Sciences, NIH. 4/1/07 – 3/31/12. $1,938,546
9. ***Cameron KL (PI), Sturdivant RL, **Marshall SW** (contractual), Lincoln AE. **Incidence of TBI, MTBI and PCS among US Service Members between 1997 and 2007.** Agency: US Army Medical Research Acquisitions Activity. 08/01/08 – 07/31/11.
10. **Prospective Evaluation of Head Impacts in Youth Ice Hockey.** Guskiewicz KM, Mihalik J, **Marshall SW** (3%), Greenwald R, McCrea M. 1/1/08 – 12/31/10. Agency: National Operating Committee for Standards in Athletic Equipment. $159,261.
11. **R01-AR050461-01. **Epidemiology of Jump-Landing Movements and ACL Injury (JUMP-ACL). Marshall SW** (PI 20%), Padua D, Guskiewicz K, Yu B, Bangdiwala SI, Evenson K, Wolf S, Boden B, Beutler A, De Maio M, Pyne S, Garrett WE, Gilchrist J, Jones B, Kirkendall D, Odegard K, Tokish J, Onate J, Toth A, Taylor D, Mountcastle S, DeBerardino T, Nelson B. Agency: National Institute of Arthritis, Musculoskeletal, and Skin Disorders, National Institutes of Health. 3/1/05 - 2/28/11. $2,793,004.
12. **Injuries to Youth Pitchers in Baseball**. Mueller FO (PI), **Marshall SW**, Goldberg B. Agency: Yawkey Foundation. 3/1/06 - 2/28/11. $500,000.
13. Validity of the National Collegiate Athletic Association's Injury Surveillance System. Kucera KL, **Marshall SW**. Agency: Collegiate Athletic Association. $ 125,716; September 1, 2007 – August 31, 2009.
14. *R01-ES011359-01. **Community Health Effects of Industrial Hog Operations.** Wing SB (PI), Foarde K, Grant G, **Marshall SW**, Meyer M, Raymer J, Ryder R, Schiffman S, Thu K, Wolf S. Agency: National Institute for Environmental Health Sciences, National Institutes of Health. $US 1,798,723; September 1, 2001 – August 31, 2006.
15. **Lower Extremity Assessment Program in Collegiate Athletes**. Onate J (PI), Hertal J, Kramer L, Padua D, Marshall SW (consultant), van Lunen B, Arnold B, Ross S. Agency: NIH NIAMS. $176, 629. 2/1/07 – 1/31/10.
16. **R49-CE000952-01. **Acculturation and the risk of violence among Hispanic Youth**. Cruz T (PI), Marshall SW. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. $US 24,944, 8/31/07–8/30/08.
17. **Descriptive Epidemiology of Injury to the Cruciate Ligaments. Marshall SW** (PI), Padua D, Guskiewicz KM, Yu B, Garrett WE. Agency: Research and Education Foundation, National Athletic Trainers Association. 7/1/06 - 12/31/06. $13,730.
18. **Preventing ACL Injury in Youth Soccer: Effect of a Customized Intervention. Marshall SW** (PI), Padua D. Agency: UNC University Research Council. 5/1/06 - 4/30/08. $3,000.
19. **Use of Metal Bats and Risk of Injury to the Pitcher from Batted Balls in Baseball Games**. Mueller FO (PI), **Marshall SW** (co-PI). Agency: Sporting Goods Manufacturer's Association. 3/1/05 - 2/29/08. $210,166.

20. **Back Pain in Retired NFL Players.** Guskiewicz KM (PI), Bailes J, Hooker D, Taft T, **Marshall SW**. Agency: Medtronic sofamor Danek. 7/1/04-6/30/07. $241,000.
21. ****Prospective Investigation Of Sport-Related Concussion: Relationship Between Biomechanical, Neuroanatomical, And Clinical Factors** – core project within R49-CE000196-01 "UNC Injury Prevention Research Center" (PI: CW Runyan). Guskiewicz KM (Team Leader), **Marshall SW**, Smith JK, Lin W, Ciocco M, Hooker D, Oliaro S, Crowell D, McCrea M, Cantu RC, Bleiberg J, Greenwald R. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. $US 579,354, 10/1/04–9/30/09.
22. ****North Carolina Violent Death Reporting System**. Sanford CP (PI), Marshall SW, Martin SL, Cruz T, Waller AE, Coyne-Beasley T. Awarded to the North Carolina Department of Health and Human Services by the National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. September 1, 2003 – August 31, 2008. $US 1,386,475.
23. **Trends in Fatal Occupational Injury in Older Adults. Marshall SW** (PI), Richardson D, Loomis D. Agency: National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. July 6, 2004 – July 5, 2005. $US 24,900.
24. **R01-OH003897-04. **Homicide During Robbery: A Case-Control Study (Geographical Modeling)**. **Marshall SW** (PI), Loomis DP, Kaufman J, Wolf S, Gregory E. Agency: National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. August 1, 2003 – July 31, 2005. $US 458,454.
25. **Assessment of Postural Stability and Neuro-Cognitive Function In Older Adults: A Pilot Study. Marshall SW** (PI), Guskiewicz KL, Hogue CC, McCulloch KL. Agency: University Research Council, UNC-CH. $US 3,015.
26. **Epidemiology of Stress Fractures in Military Cadets. Marshall SW** (PI), Padua D, Guskiewicz KM, Anderson J. Agency: UNC-CH Junior Faculty Development Award. January 1, 2005 – December 31, 2005. $5,000.
27. **Epidemiology of Jump-landing Movement and non-contact ACL Injury. Marshall SW** (PI), Beutler A, Boden B, de Maio M, Garrett W, Guskiewicz KL, Kirkendell DT, Onate J, Padua D, Yu, B. Agency: American Orthopedic Society for Sports Medicine. January 1, 2003 – December 31, 2004. $US 116,125.
28. **Improving Balance in Older Adults: A Pilot Intervention** – core project within "UNC Injury Prevention Research Center" (PI: CW Runyan). **SW Marshall** (Project Leader), Guskiewicz KL, Hogue CC, McCulloch KL, Sloane P. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. February 1, 2001 – January 31, 2002. $US 200,034.
29. **State of Home Safety in America**. Runyan CW (PI), **Marshall SW**, Waller AE, Macklin D. Agency: Lowes Home Safety Council. May 1, 2001 – March 28, 2002. $US 96,591.
30. **R01-OH03910-01. **Contextual Analysis of Trends in Occupational Injury**. DP Loomis (PI), D Richardson, M Schulman, **SW Marshall**, SH Wolf, E Gregory. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. September 1, 2000 – August 31, 2003. $US 538,866.
31. **R01-OH003897-04. **Homicide During Robbery: A Case-Control Study**. Loomis, DP (PI), **Marshall SW** (co-PI), Runyan CW, Butts F, Wolf S, Gregory E. Agency: National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. September 28, 1999 - March 28, 2002. $US 382,528
32. **Towards A Revised Injury Surveillance System.** Mueller FO (PI), **Marshall SW** (co-PI), Kalsbeek WD. Agency: National Collegiate Athletic Association. February 1, 2000- June 30, 2000. $US 12,000.
33. **R01-OH004073-01. **Occupational Injuries Among Commercial Fishers.** Loomis DP (PI), **Marshall SW**, Moe C, McDonald MA, Wolf S, Lipscomb H. Agency: National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention. June 1, 2000 – May 31, 2003. $US 475,000.

34. **Computerized neuropsychological testing for sport-related mild head injury assessment: a prevention initiative.** Guskiewicz KM (PI), Mueller FO, **Marshall SW**, McCrea M, Cantu R, Bleiberg J. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. $US 123,446; 9/30/01–9/30/02.
35. **Pilot for "Can pre-season medical history predict sports injury? - A cohort study"** AE Waller (PI), **SW Marshall**, CB Pugh. Agency: UNC-CH University Research Council, May 16, 1995 - May 15, 1996. $US 1,895.
36. **Effectiveness of protective equipment in Little League Baseball** FO Mueller (PI), **SW Marshall** (co-PI). Agency: USA Baseball. January 1, 1997 – December 31, 1999. $US 150,000.
37. **The cost of sports injury.** Weaver NL (PI), **Marshall SW**, Waller AE, Mueller FO, Miller TR, Spicer RS. Agency: UNC Injury Prevention Research Center. January 1, 1997 - December 31, 1998. $US 9,751.
38. **A prospective study on injury assessment, return to play, and outcome following concussion in athletes.** Guskiewicz K (PI), McCrea M (co-PI), Barr W, **Marshall SW**, Mueller F, Randolph C, Smith BW, Cantu R, Kelly J. Agency: National Collegiate Athletic Association. May 1, 1999 – June 30, 2000. $US 51,609.
39. **A prospective study on injury assessment, return to play, and outcome following concussion in athletes.** Guskiewicz K (PI), Perrin DH, Mueller F, McCrea M, **Marshall SW**, Hooker DN. Agency: National Operating Committee on Standards for Athletic Equipment. June 1, 1999 – May 30, 2000. $US 45,990.
40. **Prospective investigation of Mild Head Injury in sport: a prevention initiative.** Guskiewicz K (PI), **Marshall SW**, Mueller F, Smith B. Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. September 29, 1999 – March 28, 2002. $US 484,912.
41. **A model of sports-related injury: prospective cohort study of risk factors and preventive mechanisms for rugby injury.** DJ Chalmers (PI), AE Waller (co-PI), G Dixon, **SW Marshall**, M Feehan, BD Wilson, DF Gerrard, KP Hodge, M Toomey, PJ Handcock, KL Quarrie. Agency: Accident Rehabilitation and Compensation Insurance Corporation, New Zealand, November 1, 1992 - November 1, 1994. $NZ 361,257.
42. **Descriptive epidemiology of injury among farmers, farm workers, and their families.** JD Langley (PI), **SW Marshall**, J Clarke. Agency: Accident Rehabilitation and Compensation Insurance Corporation, New Zealand, January 1, 1993 - December 31, 1994. $NZ 51,754.
43. **Lifestyle factors and injury in young adults: a cohort study.** JD Langley (PI), DJ Begg (co-PI), AI Reeder, **SW Marshall**, DJ Chalmers, GS Smith, SM Williams, R McLaren, TE Moffitt, A Capsi, RO McGee, CW Runyan, JB Kotch. Agency: Accident Rehabilitation and Compensation Insurance Corporation, New Zealand, August 1, 1992 - December 31, 1995. $NZ 294,861.
44. **Epidemiology of work-related injury among New Zealand forestry workers.** I Kawachi (PI), **SW Marshall**, PC Cryer, I Laird, C Slappendel. Agency: Accident Compensation Corporation, New Zealand, March 19, 1990 - April 12, 1991. $NZ 125,036.

VIII. PROFESSIONAL SERVICE

(a) Service to Discipline

1. **Strategic Advisory Council**, Injury and Violence Prevention Branch, Division of Public Health, NC Dept of Health and Human Services (2011-current)
2. **Guest Editor**, Supplement on Injury Surveillance, *Journal of Athletic Training* 2015
3. **Study Advisory Board**, "Optimizing Outcomes from Recovery from Ankle Sprains". Samueli Institute & Uniformed Services University Injury Prevention Research Laboratory. (2012)
4. Board of Directors, **Society for Advancement of Violence and Injury Research** (2009).
5. **Editorial Boards:** Journal of Athletic Training (2002–present); Medicine & Science in Sport & Exercise (2006-2012); Injury Epidemiology (2013-present)
6. **International Advisory Board**, Center for Physiotherapy Research, University of Otago, Dunedin, New Zealand (2010 – present).

7. Working Group, **Guidelines on Research Design and Analysis in Exercise Science and Sports Medicine**, American College of Sports Medicine (2008-2009)
8. **Research Associate**, Sport Performance Research Institute, AUT University, Auckland, New Zealand (2008 – present).
9. **National Academy of Sciences**: Committee on Physical and Mental Standards for Military Recruitment (2004-2005).
10. **Review Panels**: CDC/NIOSH, Education and Training Centers (2015, forthcoming); NIH/NICHD-K Function, Integration, and Rehabilitation Sciences Subcommittee (Invited Discussant, 2014); CDC/NIOSH, Incidence of Needlestick and Sharps Injuries in non-Hospital Health Care Workers (2004); CDC/NIOSH, Evaluation of preventive strategies for workplace violence (2006); NIH/ Fogarty International training grant in injury prevention (2010);
11. **External Reviewer, NIOSH** "Mortality among Retired National Football League Players". PI: Sherry Baron (2010)
12. **Department of Defense**: Joint Services Physical Training Injury Prevention Work Group (2004-2005).
13. **Proposal Reviewer**: Workplace Safety and Insurance Board Research Secretariat, Ontario, Canada (2000- present); National Athletic Trainers Association Education and Research Committee (2001 - present); American Orthopedic Society for Sports Medicine Young Investigator Awards (2003-present).
14. **Scientific Program Committee Co- Chair,** Injury Control and Emergency Health Services Section, American Public Health Association (2002-03).
15. **Research Committee**, American Orthopedic Society for Sports Medicine (2003 – 2005)
16. **Consultant**, National Collegiate Athletic Association Injury Surveillance System (2000–2006); National Collegiate Athletic Association Injury Surveillance Working Group (2006-2008, 2014-ongoing).
17. **Medical Advisory Committees** for USA Baseball (1999-2013) and USA Rugby (2002-2004).
18. **Occasional reviewer**: American Journal of Industrial Medicine, Annals of Emergency Medicine, JAMA, Preventive Medicine, American Journal of Public Health, Accident Analysis and Prevention, American Journal of Epidemiology, Annals of Occupational Hygiene, Journal of Athletic Training, Human Exposure and Risk Assessment, Epidemiology, British Journal of Sports Medicine, Injury Prevention, American Journal of Sports Medicine, Journal of Science in Sports and Exercise.
19. **Reviewer, Conference Abstracts**: Injury Control and Emergency Health Services Section, American Public Health Association (1995-2000); Society for Epidemiologic Research (1999-2001).
20. **Editor**: Monthly Newsletter, Injury Control and Emergency Health Services Section, American Public Health Association (2000-02).

(b) Service within UNC-CH

1. **Department of Epidemiology, Graduate Studies Committee**, (2012 - present)
2. **Department of Epidemiology, Leader of Injury Epidemiology Program**, (2002 - present)
3. **Search Committees: Department of Epidemiology,** Injury Epidemiology; two positions – Pro Forma (2004 - 2005). **Department of Dental Ecology** Dental Epidemiology; two positions (2008). **Department of Exercise and Sport Science** (2010, 2012).
4. **Department of Epidemiology Qualifying Exam**, Methods (2003, 2005, 2009); Injury (2003, 2004, 2006, 2008, 2010, 2011, 2013, 2015)
5. **UNC Injury Prevention Research Center**, Senior Biostatistician (1999-2011); Core Faculty (2001 - 2011)
6. **Faculty Council** (2005-2006)
7. **Research/Conflict of Interest Committee,** School of Public Health (2006-2011)
8. **Space Committee**, Department of Epidemiology, School of Public Health (2006-2008)