

Curriculum Vita

STEPHEN W. MARSHALL

I. PERSONAL

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II. EDUCATION & TRAINING

Education:

- 1998:** **Doctor of Philosophy**, Department of Epidemiology, Gillings School of Global 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
- 08/11 – 07/12:** **Interim Director**, Injury Prevention Research Center, UNC-CH
- 09/11 – present:** **Adjunct Professor**, Department of Exercise and Sport Science, UNC-CH
- 10/08 – 07/12:** **Director of Epidemiology & Biostatistics**, Datalys Center for Sports Injury Research & Prevention, Indianapolis, Indiana
- 10/05 – 08/11:** **Associate Professor**, Departments of Epidemiology and Orthopedics, UNC-CH
- 06/06 – 08/11:** **Adjunct Associate Professor**, Department of Exercise and Sport Science, 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**, Rauh M. Chapter 2 "Epidemiology". In: Musculoskeletal and Sports Medicine: Essentials for the Primary Care Provider (4th Edition). Birrer RB, O'Connor FG (eds). CRC Press; 2016: pages 9-22.
2. **Marshall SW**, Gilchrist J, Saluja G, Liller K. Chapter 9: sports 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. 2012:141-162
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-led paper)

1. Mihalik JP, Lynall RC, Wasserman EB, Guskiewicz KM, **Marshall SW**. Evaluating the "Threshold theory": Can Head Impact Indicators Help? Med Sci Sports Exerc. 2016 Aug 30. [Epub] PMID: 27580157

2. Hume PA, Theadom A, Lewis GN, Quarrie KL, Brown SR, Hill R, **Marshall SW**. A Comparison of Cognitive Function in Former Rugby Union Players Compared with Former Non-Contact-Sport Players and the Impact of Concussion History. *Sports Med*. 2016 Aug 24. [Epub] PMID: 27558141
3. Register-Mihalik JK, Valovich McLeod TC, Linnan LA, Guskiewicz KM, **Marshall SW**. Relationship Between Concussion History and Concussion Knowledge, Attitudes, and Disclosure Behavior in High School Athletes. *Clin J Sport Med*. 2016 Jul 19. [Epub] PMID: 27437911
4. *Schmidt JD, Guskiewicz KM, Mihalik JP, Blackburn JT, Siegmund GP, **Marshall SW**. Head Impact Magnitude in American High School Football. *Pediatrics*. 2016 Aug;138(2). [Epub]. PMID: 27432843
5. Kerr ZY, Roos KG, Djoko A, Dalton SL, Broglio SP, **Marshall SW**, Dompier TP. Epidemiologic Measures for Quantifying the Incidence of Concussion in National Collegiate Athletic Association Sports. *J Athl Train*. 2016 Jun 22. [Epub] PMID: 27331336
6. *Sandt LS, **Marshall SW**, Rodriguez DA, Evenson KR, Ennett ST, Robinson WR. Effect of a community-based pedestrian injury prevention program on driver yielding behavior at marked crosswalks. *Accid Anal Prev*. 2016 May 18;93:169-178.
7. Ising A, Proescholdbell S, Harmon KJ, Sachdeva N, **Marshall SW**, Waller AE. Use of syndromic surveillance data to monitor poisonings and drug overdoses in state and local public health agencies. *Inj Prev*. 2016 Apr;22 Suppl 1:i43-i49. PMID:27044495
8. *Dasgupta N, Funk MJ, Proescholdbell S, Hirsch A, Ribisl KM and **Marshall S**. Cohort Study of the Impact of High-Dose Opioid Analgesics on Overdose Mortality. *Pain Med*. 2016; 17(1): 85-98. PMID: 26333030
9. Angelon-Gaetz KA, Richardson DB, **Marshall SW**, Hernandez ML. Exploration of the effects of classroom humidity levels on teachers' respiratory symptoms. *Int Arch Occup Environ Health*. 2016 Jan 27. [Epub ahead of print] PMID: 26814540
10. DiStefano LJ, **Marshall SW**, Padua DA, Peck KY, Beutler AI, de la Motte SJ, Frank BS, Martinez JC, Cameron KL. The Effects of an Injury Prevention Program on Landing Biomechanics Over Time. *Am J Sports Med*. 2016 Jan 20. [Epub ahead of print] PMID: 26792707
11. Kucera KL, **Marshall SW**, Wolf SH, Padua DA, Cameron KL, Beutler AI. Association of Injury History and Incident Injury in Cadet Basic Military Training. *Med Sci Sports Exerc*. 2016 Mar;44(3):767-76. PMID: 26765627
12. *Sandt L, **Marshall SW**, Ennett STCommunity-Based Pedestrian and Bicycle Safety Program. *Transportation Research Record: Journal of the Transportation Research Board* Jan 2015, Vol. 2519, pp. 51-60
13. Kerr ZY, Dompier TP, Dalton SL, Miller SJ, Hayden R, **Marshall SW**. Methods and Descriptive Epidemiology of Services Provided by Athletic Trainers in High Schools: The National Athletic Treatment, Injury and Outcomes Network Study. *J Athl Train*. 2015 Dec;50(12):1310-8. [Epub ahead of print] PMID: 26678290
14. Kerr ZY, **Marshall SW**, Simon JE, Hayden R, Snook EM, Dodge T, Gallo JA, Valovich McLeod TC, Mensch J, Murphy JM, Nittoli VC, Dompier TP, Ragan B, Yeargin SW, Parsons JT. Injury Rates in Age-Only Versus Age-and-Weight Playing Standard Conditions in American Youth Football. *Orthop J Sports Med*. 2015 Sep 23;3(9):2325967115603979. PMID: 26672778
15. Kerr ZY, **Marshall SW**, Dompier TP, Corlette J, Klossner DA, Gilchrist J. College Sports-Related Injuries - United States, 2009-10 Through 2013-14 Academic Years. *MMWR Morb Mortal Wkly Rep*. 2015 Dec 11;64(48):1330-6 PMID: 2665572
16. *Kerr ZY, Register-Mihalik JK, Kroshus E, Baugh CM, **Marshall SW**. Motivations Associated With Nondisclosure of Self-Reported Concussions in Former Collegiate Athletes. *Am J Sports Med*. 2016 Jan;44(1):220-5. PMID: 26582799
17. *Ranapurwala SI, Denoble PJ, Poole C, Kucera KL, **Marshall SW**, Wing S. The effect of using a pre-dive checklist on the incidence of diving mishaps in recreational scuba diving: a cluster-randomized trial. *Int J Epidemiol*. 2015 [Epub] PMID: 26534948

18. Cameron KL, Peck KY, Thompson BS, Svoboda SJ, Owens BD, **Marshall SW**. Reference Values for the Marx Activity Rating Scale in a Young Athletic Population: History of Knee Ligament Injury Is Associated With Higher Scores. *Sports Health*. 2015 Sep;7(5):403-8 PMID:26502414
19. Finch CF, **Marshall SW**. Let us stop throwing out the baby with the bathwater: towards better analysis of longitudinal injury data. *Br J Sports Med*. 2015 PMID: 26392594.
20. *Tumlinson K, Pence BW, Curtis SL, **Marshall SW**, Speizer IS. Quality of Care and Contraceptive Use in Urban Kenya. *Int Perspect Sex Reprod Health*. 2015 Jun;41(2):69-79. PMID: 26308259
21. Siegmund GP, Guskiewicz KM, **Marshall SW**, DeMarco AL, Bonin SJ. Laboratory Validation of Two Wearable Sensor Systems for Measuring Head Impact Severity in Football Players. *Ann Biomed Eng*. 2015 Aug 13. [Epub] PMID: 26268586
22. *Gandhi AD, Pettifor A, Barrington C, **Marshall SW**, Behets F, Guardado ME, Farach N, Ardón E, Paz-Bailey G. Migration, Multiple Sexual Partnerships, and Sexual Concurrency in the Garífuna Population of Honduras. *AIDS Behav*. 2015 Sep;19(9):1559-7
23. **Marshall SW**, Guskiewicz KM, Shankar VM, McCrea M, Cantu RC. Epidemiology of Sport-Related Concussion in Seven US High School and Collegiate Sports. *Inj Epidemiol*. 2015;2:13.
24. Dompier TP, **Marshall SW**, Kerr ZY, Hayden R. The National Athletic Treatment, Injury and Outcomes Network (NATION): Methods of the Surveillance Program, 2011-2012 Through 2013-2014. *J Athl Train*. 2015; 50(8):862-9 PMID: 26067620
25. *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*. 2015; 30(3):175-88. PMID: 25955704
26. Dompier TP, Kerr ZY, **Marshall SW**, Hainline B, Snook EM, Hayden R, Simon JE. Incidence of concussion during practice and games in Youth, High School and Collegiate American Football players. *JAMA Pediatrics*. 2015; 169(7):659-65. PMID: 25938704
27. *Roos KG, **Marshall SW**, Kerr ZY, Golightly YM, Kucera KL, Myers JB, Rosamond WD, Comstock RD. Epidemiology of Overuse Injuries in Collegiate and High School Athletics in the United States. *Am J Sports Med*. 2015 Jul;43(7):1790-7 PMID 25930673
28. Nelson LD, Guskiewicz KM, **Marshall SW**, Hammek T, Barr W, Randolph C, McCrea MA. Multiple Self-Reported Concussions Are More Prevalent in Athletes With ADHD and Learning Disability. *Clin J Sport Med*. 2015. [Epub] .PMID: 25915144
29. *Naumann RB, **Marshall SW**, Proescholdbell SK, Austin A, Creppage K. Impact of North Carolina's motorcycle helmet law on hospital admissions and charges for care of traumatic brain injury. *NC Med J*. 2015: Mar-Apr;76(2):70-5 PMID: 25856346
30. Padua DA, DiStefano LJ, Beutler AI, de la Motte SJ, DiStefano MJ, **Marshall SW**. The Landing Error Scoring System as a Screening Tool for an Anterior Cruciate Ligament Injury-Prevention Program in Elite-Youth Soccer Athletes. *J Athl Train*. 2015 Mar 26. [Epub] PMID: 25811846
31. *Raman SR, **Marshall SW**, Gaynes BN, Haynes K, Naftel AJ, Stürmer T. An Observational Study of Pharmacological Treatment in Primary Care of Children With ADHD in the United Kingdom. *Psychiatr Serv*. 2015 Jun;66(6):617-24 PMID: 25726974
32. *Kerr ZY, Littleton A, Cox L, Varangis E, DeFreese JD, Lynall RC, Schmidt JD, **Marshall SW**, Guskiewicz KK. Estimating contact exposure in football using the Head Impact Exposure Estimate (HIEE). *J Neurotrauma*. 2015 Jul 15;32(14) PMID: 25603189
33. *Kerr ZY, Mihalik JP, Guskiewicz KM, Rosamond WD, Evenson KR, **Marshall SW**. Agreement between athlete-recalled and clinically documented concussion histories in former collegiate athletes. *Am J Sports Med*. 2015 Mar;43(3):606-13. PMID: 25560539
34. *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*. 2015 Nov;25(6):494-501. PubMed PMID: 25380282.
35. King D, Gissane C, Clark C, **Marshall SW**. The Incidence of Match and Training Injuries in Rugby League: A Pooled Data Analysis of Published Studies. *International Journal of Sports Science & Coaching* 2014; 9(2):417-43

36. Williams RM, Valovich McLeod TC, Register-Mihalik J, Mihalik JP, **Marshall SW**, Linnan LA, Guskiewicz KM. A preliminary study of helmet fit characteristics and knowledge. *Athletic Training & Sports Health Care* 2014; 6(5), 206-212.
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38. 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
39. 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. PubMed PMID: 25280612
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41. *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. PMID: 24928761.
42. 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. PMID: 24920257.
43. *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.
44. *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.
45. *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.
46. *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
47. 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
48. *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..
49. *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.
50. *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.
51. *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.

52. *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.
53. **Marshall SW**. Rugby union: Much potential for injury prevention but substantial resources are required now. *Clinical Journal of Sport Medicine*. 2013;23(4):324-325.
54. *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*. 2013 Oct;56(10):1137-48. PMID: 23861237
55. *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.
56. *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.
57. *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.
58. 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.
59. 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.
60. 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
61. 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.
62. *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.
63. *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
64. *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.
65. 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.
66. *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.
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68. 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.
69. *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.
70. *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.
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 80. Yang J, Cheng G, Zhang N, Ramirez M, Albright J, **Marshall SW**. Hospitalizations and Hospital Charges for Sports-Related Fractures among Children in the United States. *Asian Journal of Exercise and Sports Science* 2012 9(1): 1-12.
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 83. 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
 84. 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.
 85. 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.
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 87. *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.
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219. **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.

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221. Waller AE, **Marshall SW**, Langley JD. Adult thermal injuries in New Zealand resulting in death and hospitalization. *Burns* 1998;24(3):245-251.
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223. 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.
224. 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.
225. 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.
226. 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.
227. 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.
228. 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.
229. Langley JD, Norton RN, Alsop J, **Marshall SW**. Airgun injuries in New Zealand 1979-92. *Injury Prevention* 1996;2:114-117.
230. 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.
231. Langley JD, **Marshall SW**, Norton RN. Non-fatal firearm injuries in New Zealand 1979-92. *Annals of Emergency Medicine* 1996;28(2):170-175.
232. 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.
233. **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.
234. 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.
235. 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.
236. 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.
237. Clarke J, Waller AE, **Marshall SW**, Langley JD. Barriers to the reduction of domestic hot water temperatures. *Safety Science* 1995;18:181-192.
238. 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.
239. 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.

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241. Hume P, **Marshall SW**. Sports injuries in New Zealand: exploratory analyses. *New Zealand Journal of Sports Medicine* 1994;22:18-22.
242. Langley JD, **Marshall SW**. The severity of road traffic crashes resulting in hospitalisation in New Zealand. *Accident Analysis and Prevention* 1994;26:549-554.
243. **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.
244. 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.
245. Irving LM, **Marshall SW**, Norton RN. Motor vehicle occupant injuries in New Zealand children, 1981-1990. *New Zealand Medical Journal* 1994;107:475-477.
246. 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.
247. 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.
248. 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.
249. 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.
250. **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.
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252. 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.
253. Waller AE, **Marshall SW**. Childhood thermal injuries in New Zealand resulting in death and hospitalisation. *Burns* 1993;19(5):371-376.
254. Collins BA, Langley JD, **Marshall SW**. Injuries to pedal cyclists resulting in death or hospitalisation. *New Zealand Medical Journal* 1993;106:514-517.
255. **Marshall SW**, Langley JD, Begg DJ. Motorcycle fatalities in New Zealand: A data base linkage study. *Road & Transport Research* 1993;2(4):46-55.
256. 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.
257. 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.
258. 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.
259. Pearce N, **Marshall S**, Borman B. Undiminished social class mortality differences in New Zealand men. *New Zealand Medical Journal* 1991;104(910):153-6.
260. 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.
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263. Christie DRH, Spry NA, **Marshall S**, Lamb DS. Prostate irradiation does not affect serum prostatic acid phosphatase level. *Clinical Oncology* 1991;3:262-264.
264. Sayer HK, **Marshall SW**, Mellsop GW. Mania and seasonality in the southern hemisphere. *Journal of Affective Disorders* 1991;23:151-156.
265. 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**. Lies, Damned Lies, & Statistics: Public Health Measures of Causation, Association, and Burden. Alaska Department of Health and Human Services MCH EPI Travis Fund Statistical Lecture Series. Anchorage AL. Feb 28, 2016.
2. **Marshall SW**, LaCroix A, Buchner D. Findings from the WHI Objective Physical Activity and Cardiovascular Health (OPACH) Study in Older Women: Characteristics of Older Women who have Falls that are Related to Physical Activity. Gerontological Society of America, Orlando, FL. December 2015.
3. **Marshall SW**, Kerr ZY, Comstock RD. Injury Surveillance in High School and Collegiate Settings: What Do We Know? What Don't We Know? June 24, 2015. National Athletic Trainer's Association, St Louis MO.
4. Dompier TD, **Marshall SW**, Valier AS. Results From The National Athletic Treatment, Injury And Outcomes Network (Nation). June 26, 2015. National Athletic Trainer's Association, St Louis MO.
5. **Marshall SW**, Collins JW. Using Framing Science for Impactful Injury Policy Communications. Safe States Alliance, Atlanta GA. April 30, 2015.
6. **Marshall SW**. Primary Prevention of Sports-Related Concussion. Society for the Advancement of Violence and Injury Research, New Orleans LA. March 13, 2015.
7. **Marshall SW**. Can Epidemiology Help Make the World a Better Place? Columbia University, New York NY. Jan 14, 2015.
8. **Marshall SW**. Risk Factors for ACL Injury. International Olympic Committee World Conference on Injury and Illness in Sport. Monte Carlo, Monaco. April 11, 2014.
9. **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
10. **Marshall SW. Keynote Speaker**, 11th World Conference on Injury Prevention and Safety Promotion. Wellington NZ. How Concussions Will Make Sports Safer.
11. **Marshall SW**. Movement Biomechanics, ACL Injury, and Osteo-arthritis. University of North Carolina, Chapel Hill NC. (2012) North Carolina Cartilage - Arthritis Research Alliance Meeting
12. **Marshall SW**. Preventing Injury; the role of academic centers. Mid-Region RAC, Siler City NC. (2011)
13. **Marshall SW**. Biomechanical Risk Factors for ACL Injury. Medical University of South Carolina, Charleston SC. (2010)
14. **Marshall SW**. Injury Prevention and its Importance to Maintenance of Physical Activity. Arnold School of Public Health, University of South Carolina, Columbia SC. (2010)
15. **Marshall SW**. Epidemiologic Studies of ACL Injury: Present, Past, & Future. Keynote address, ACL Research Retreat V. Greensboro, NC. (2010)
16. **Marshall SW**. Preventing Youth Sports Injury: An Evidence-Based Review. American Medical Society for Sports Medicine. Cancun, Mexico (2010).
17. **Marshall SW**. ACL Injury Risk Factors. John A Feagin International Leadership Forum Duke University. (2009)
18. **Marshall SW**. Innovations in Collegiate Sports Injury Surveillance. Kansas City, National Operating Committee for Standards in Athletic Equipment (2009)

19. **Marshall SW**, Hootman J, Klossner D, Guskiewicz KM. Evidence Based Forum: Trends in Concussion Incidence. National Athletic Trainers Association, San Antonio. (2009)
20. **Marshall SW**. Advanced Statistical Methods. American Orthopedic Society for Sports Medicine. Keystone CO (2009).
21. **Marshall SW**. Incidence & Prevalence: Measuring the Burden of Sports Injury. University of Otago, School of Physical Therapy. (2009)
22. **Marshall SW**. Concussion in Children's Sport. University of Otago, William Evans Lecture. (2009)
23. **Marshall SW**. Risk Factors for ACL and other Severe Knee Injuries. University of Otago, Department of Preventive and Social Medicine. (2009)
24. **Marshall SW**. Epidemiologic Measures of Incidence in Sports Injury Research. University of Otago, Department of Human Performance. (2009)
25. **Marshall SW**. Incidence & Prevalence: Understanding & Computing Risks, Rates, and CIs. National Athletic Trainers Association, St Louis. (2008)
26. **Marshall SW**. Science-based prevention of youth sports injuries. NC Institute of Medicine, Task force on Adolescent Health. Cary NC (2008).
27. 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)
28. Hopkins WG, **Marshall SW**. Colloquium: Biostatistical Guidelines for the Reporting of Research in Exercise Science and Sports Medicine Journals. American College of Sports Medicine, Indianapolis, Indiana. (2008)
29. **Marshall SW**. Confidence intervals for injury rates using surveillance data. American Public Health Association, Washington DC (2007)
30. **Marshall SW**. Quantitative methods for injury research (invited). Society for Advancement of Violence and Injury Research, Columbus OH (2007)
31. **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).
32. **Marshall SW**, Devine S. Longitudinal Data Analysis (one day workshop) Glaxo-Smith –Kline, RTP, NC (2006).
33. **Marshall SW**. Risk factors for ACL injury in women. UNC-Greensboro Center for Women's Health. (2005).
34. **Marshall SW**. New Tools for Old Problems: The Fusion of Epidemiology and Biomechanics. UNC Injury Prevention Research Center. (2004).
35. Runyan CW, **Marshall SW**. The Legacy of Patricia Waller. American Public Health Association. Washington, DC. (2004).
36. **Marshall SW**. Study power. American Orthopedic Society for Sports Medicine. Quebec City, Quebec, Canada (2004).
37. **Marshall SW**. Prevention of Sports Injuries. American Orthopedic Society for Sports Medicine. Quebec City, Quebec, Canada (2004).
38. **Marshall SW**. Cardiovascular health, nutrition, and physical activity in NFL retirees. American College of Sports Medicine. San Francisco, CA (2003).
39. **Marshall SW**. Use of Generalized Poisson Regression Models for Sports Injury Cohort Studies. Society for Epidemiologic Research. Atlanta, GA (2003).
40. Wojtyls E, Kirkendell D, **Marshall SW**. Statistics: the Mean Truth. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
41. Kocher M, **Marshall SW**. Observational study designs. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
42. **Marshall SW**. Role of statistics in research. American Orthopedic Society for Sports Medicine. San Diego, CA (2003).
43. **Marshall SW**. Years of Potential Life Lost, Aging, and Injury. UNC-CH Department of Epidemiology. Chapel Hill, NC (2001).

44. **Marshall SW**. Authorship and Ethical Issues in Publishing. UNC-CH School of Public Health Workshop on Writing. Chapel Hill, NC (2001).
45. **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).
46. **Marshall SW**, Yang J. Injury Databases for Sports Injury Surveillance. American College of Sports Medicine. Baltimore, MD (2001).
47. **Marshall SW**. Longitudinal Data Analysis: Repeated Measures Dichotomous Data. American College of Sports. Baltimore, MD (2001).
48. **Marshall SW**. Epidemiologic Study Designs and Measures for Sports Injury Research. American College of Sports Medicine Annual Meeting. Baltimore, MD (2001).
49. **Marshall SW**, Mueller FO, Kirby DT. Preventing injuries in youth baseball. Oral Presentation, American Public Health Association. Atlanta, GA (2001).
50. **Marshall SW**. Alternating Logistic Regression: Applications to Injury Research. American Public Health Association. Atlanta, GA (2001).
51. **Marshall SW**. Towards a Revised Injury Surveillance System. NCAA Committee on Medical and Safety Standards. Indianapolis, IN. (2000)
52. **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).
53. **Marshall SW**, Mueller FO, Weaver NL. Gender Differences in Athletic Injury Rates. Oral presentation, American College of Sports Medicine. Indianapolis, IN (2000).
54. **Marshall SW**. Cost of Sports Injury. National Athletic Trainers Association. Nashville TN (2000).
55. **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).
56. **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).
57. **Marshall SW**. Injuries in Falls from Playground Equipment. UNC Highway Safety Research Center, Chapel Hill, NC (1998).
58. **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).
59. **Marshall SW**, Mueller FO. Epidemiology of youth baseball injury. American College of Sports Medicine. Denver, CO (1997).
60. **Marshall SW**, Bangdiwala SI. New methods for longitudinal analysis of injury data. American Public Health Association. Indianapolis, IN (1997).
61. **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).
62. **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).
63. **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).
64. Waller AE, **Marshall SW**. Topics in Injury Surveillance. University of North Carolina Department of Emergency Medicine Grand Rounds, Chapel Hill, NC (1995).
65. **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).
66. **Marshall SW**, Paul C. Inequalities in health in New Zealand. Public Health Association Seminar (Otago/Southland Branch). Dunedin, New Zealand (1993).
67. **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).

68. **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).
69. **Marshall SW**, Langley JD. Injury data sources in New Zealand: strengths and limitations. Public Health Association of New Zealand. Lincoln, New Zealand. (1992).
70. **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).
71. **Marshall SW**. Work-related injury among forestry workers in New Zealand. Injury Prevention Research Unit Seminar. Dunedin, New Zealand (1991).
72. 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).
73. **Marshall SW**, Kawachi I, Cryer PC. Methodology of a large-scale injury epidemiology study in forestry. Union/Tertiary Research Conference. Wellington, New Zealand (1991).
74. 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; 2014-2016. (3 credit-hours)
2. **Lead Instructor, EPID625/626/627: Injury and Violence as a Public Health Problem**. School of Public Health, University of North Carolina at Chapel Hill. 2012, 2014-2016. (3x1credit-hours)
3. **Short Course: Advanced Topics in Survival Analysis**. International Summer School in Epidemiology, Ulm University, Germany, 2016.
4. **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).
5. **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)
6. **Short Course: Advanced Epidemiologic Methods: Multi-Level Models and Longitudinal Data Analysis**. International Summer School in Epidemiology, Ulm University, Germany, 2010-2011.
7. **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)

8. **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)
9. **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)
10. **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)
11. **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.
12. **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)
13. **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.
14. **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:** Rebecca Naumann (in progress), Katherine Harmon (proposal defense forthcoming 5/16), Jared Parrish (final defense scheduled 7/16), Laura Sandt (2016), Rebecca Yau (2016), Karen Roos (2015), 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:** Elizabeth Teel (in progress), Jennifer Jones (in progress), Melissa Fraser (in progress), Barnett Frank (in progress), Robert Lynall (2016), Ashley Littleton (2015), Katherine Tumlinson (2014), Anisha Gandhi (2014), Kim Angelon-Gaetz (2014), Julianne Schmidt (2013), Ben Goerger (2012), Catherine Vladitiu (2012), Steven Campbell (2011), David Bell (2010), Johna Register-Mihalik (2010), Lindsay DiStefano (2009), Dara Mendes (2009), Jason Mihalik (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:** Katherine Wolff (doctoral), Mackenize Herzog (doctoral), Rebecca Naumann (doctoral), Jared Parrish (doctoral), Apostolos Alexandris (doctoral), Katherine Harmon (doctoral).
6. **International External Thesis Examiner:** Arun Prasad Balasundaram (2015 Otago University, Dunedin, New Zealand); 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. Register-Mihalik J, Guskiewicz KM, McCrea M, Marshall SW, Mihalik J, McCulloch KM. **Role of Active Rehabilitation in Concussion Management: A Randomized Controlled Trial.** National Football League. 05/01/2016 – 04/30/2019. \$2,599,957.
2. ***Cameron KL, Marshall SW, Padua DA, DeSefano LJ. **Developing Lower Extremity Injury Prediction Models and Evaluating Targeted Injury Prevention Intervention Strategies.** DoD Military Operational Medicine Research Program. \$144,982.
3. ***Register-Mihalik J, Marshall SW, Guskiewicz KM, Linnan L, Hennik-Kaminski H, Cameron KL. **Concussion Disclosure Behaviors, Attitudes, Norms, and Knowledge in Civilian and Military Emerging Adults.** NCAA-DOD Grand Alliance. 03/01/2016 – 2/28/2018. \$400,000.
4. ***Svoboda S, Cameron KL, Driban J, Marshall SW. **Longitudinal Assessment of Post-Traumatic Osteoarthritis after Major Knee Joint Injury Using Biomarkers of Cartilage Turnover.** DoD CDMRP (Congressionally Directed Medical Research Program) PRORP (Peer-Reviewed Orthopedic Research Program). 10/01/2015 - 09/30/2016 \$193,659.
5. ***Cameron KL, Marshall SW, Nocera M, Pavlisacsak H, Little J, Allen K, Golightly YM, Nelson A, Pietrosimone BG. **Using a Telehealth Platform to Deliver Innovative Therapeutic Care for Military Service Members at High Risk for Post-traumatic Osteoarthritis.** U.S. Army Medical Department Advanced Medical Technology Initiative. 09/15/2015-03/14/2017. \$100,865
6. **Smokowski PR, Guo G, Rose R, Ballaco M. **North Carolina Rural Academic Center for Excellence in Youth Violence Prevention.** National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. 09/30/2010 – 09/29/2016. \$5,011,500
7. Waller AE, Marshall SW, Harmon K. **Motor Vehicle Crash Injuries in Wake County, NC: Exploring available data sources and potential data linkages.** Agency: North Carolina Governor's Highway Safety Commission. 10/1/2014 – 9/30/2016. \$135,300.
8. **Childhood Injury & Violence (CIV) Networking, Training, and Technical Assistance (NTTA) Project.** Crump C, Letournau R, Marshall SW, Dellepenna A. Agency: John Rex Endowment. 12/17/2014-12/15/2018. \$668,268.00
9. **Surveillance of Child Maltreatment In Wake County.** Shanahan M, Proescholdbell SK. Marshall SW. Agency: Public Health Foundation. 2/10/2012 – 5/31/2016 \$152,640
10. *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.
11. **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.
12. **Surveillance Quality Improvement Project.** Waller AE, Harmon K, Marshall SW, Barnes C. Project Manager: Proescholdbell SK. Agency: NC Dept of Health and Human Services. 8/1/2012 - 7/31/2017. \$397,125
13. **R49-CE002479. **UNC Injury Prevention Research Center (PI).** Agency: National Center for Injury Prevention and Control, Centers for Disease Control and Prevention. 09/1/15–8/31/19. \$4,011,500

(b) Completed Grants

1. ***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.

2. **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
3. *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
4. **Prospective evaluation of pediatric sport related TBI in the community practice setting: Comparison of presentation and outcomes among mild and more severe injuries**. Register-Mihalik J, Guskiewicz KM, Marshall SW (1%). Agency: National Operating Committee on Standards for Athletics (NOCSAE) 9/15/2014- 7/01/2015. \$189,978
5. **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.
6. **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
7. *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
8. **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).
9. **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.
10. **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
11. **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.
12. *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
13. ***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.
14. **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.
15. **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.
16. **Injuries to Youth Pitchers in Baseball**. Mueller FO (PI), Marshall SW, Goldberg B. Agency: Yawkey Foundation. 3/1/06 - 2/28/11. \$500,000.
17. **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.

18. *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.
19. **Lower Extremity Assessment Program in Collegiate Athletes.** Onate J (PI), Hortal 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.
20. **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.
21. **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.
22. **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.
23. **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.
24. **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.
25. ****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.
26. ****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.
27. **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.
28. **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.
29. **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.
30. **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.
31. **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.
32. **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.
33. **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.

34. **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.
35. **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
36. **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.
37. **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.
38. **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.
39. **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.
40. **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.
41. **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.
42. **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.
43. **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.
44. **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.
45. **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.
46. **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.
47. **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.
48. **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. **Executive Council**, Safe States Alliance Injury and Violence Prevention Branch, Division of Public Health, NC Dept of Health and Human Services **(2011-current)**
3. **Advisory Board**, Controlled Substance Reporting System, NC Dept of Health and Human Services (2015-current)
4. **Scientific Advisory Board**, Care Consortium, NCAA-DOD Grand Alliance (2013-current)
5. **Scientific Advisory Board**, NBA/GE Research Consortium (2015-current)
6. **National Steering Committee**, American Medical Society for Sports Medicine Collaborative Research Network (2016-current)
7. **Editorial Boards**: Journal of Athletic Training (2002–present); Medicine & Science in Sport & Exercise (2006-2012); Injury Epidemiology (2013-present)
8. **Conference Planning Committee**, Safe States Alliance, 2016
9. **Study Advisory Board**, “Optimizing Outcomes from Recovery from Ankle Sprains”. Samueli Institute & Uniformed Services University Injury Prevention Research Laboratory. (2012)
10. Board of Directors, **Society for Advancement of Violence and Injury Research** (2009)
11. **International Advisory Board**, Center for Physiotherapy Research, University of Otago, Dunedin, New Zealand (2010 – present).
12. Working Group, **Guidelines on Research Design and Analysis in Exercise Science and Sports Medicine**, American College of Sports Medicine (2008-2009)
13. **Research Associate**, Sport Performance Research Institute, AUT University, Auckland, New Zealand (2008 – present).
14. **National Academy of Sciences**: Committee on Physical and Mental Standards for Military Recruitment (2004-2005).
15. **Review Panels**: CDC/NIOSH, Agricultural Health and Safety Centers (2016), Education and Training Centers (2015); 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);
16. **External Reviewer**, NIOSH “Mortality among Retired National Football League Players”. PI: Sherry Baron (2010)
17. **Department of Defense**: Joint Services Physical Training Injury Prevention Work Group (2004-2005).
18. **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).
19. **Scientific Program Committee Co- Chair**, Injury Control and Emergency Health Services Section, American Public Health Association (2002-03).
20. **Research Committee**, American Orthopedic Society for Sports Medicine (2003 – 2005)
21. **Consultant**, National Collegiate Athletic Association Injury Surveillance System (2000–2006); National Collegiate Athletic Association Injury Surveillance Working Group (2006-2008, 2014-ongoing).
22. **Medical Advisory Committees** for USA Baseball (1999-2013) and USA Rugby (2002-2004).
23. **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.

24. **Reviewer, Conference Abstracts:** Injury Control and Emergency Health Services Section, American Public Health Association (1995-2000); Society for Epidemiologic Research (1999-2001).
25. **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, 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)