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Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital
(Hospital changed name from Columbus Children's Hospital in Sept. 2007)
The Ohio State University, College of Medicine, Department of Pediatrics and
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Education

Ph.D. University of California San Diego/San Diego State University. Epidemiology.
Dissertation: *Patterns of Injury Among Female Rugby Players.*
M.S. University of Iowa, Iowa City, Iowa. Epidemiology.
B.S. Colorado State University, Fort Collins, Colorado. Microbiology.
Honors Thesis: *Viral DNA Interactions With Host DNA in MAV-2(0) Induced Avian Osteopetrosis.*

Academic Appointments and Teaching Experience

10/05-10/07 *The Ohio State University Graduate School, Graduate Faculty, category M status.*
11/07-present *The Ohio State University Graduate School, Graduate Faculty, category P status.*
10/09-present *Associate Professor, Department of Pediatrics, The Ohio State University College of Medicine, Columbus, OH.*
- Mentoring student research projects.
- Curriculum leader, Biostatistics, Epidemiology, Research Methods, and Ethics (BEER Curriculum) – Sept 2009-present
10/09-present *Associate Professor, Division of Epidemiology, The Ohio State University College of Public Health, Columbus, OH.*
- Mentoring student research projects.
- Course coordinator and co-instructor for Injury Epidemiology (spring 2010).
7/04-10/09 *Assistant Professor, Department of Pediatrics, The Ohio State University College of Medicine, Columbus, OH.*
- Mentoring student research projects.
- Course coordinator and co-instructor Introductory Epidemiology for 1st year medical students. (Course was taught to 2nd year students one quarter.) – 2004 -present
- Instructor Injury Prevention Mini Module – 2008
- Curriculum leader, Biostatistics, Epidemiology, Research Methods, and Ethics (BEER Curriculum) – Oct 2008-Sept 2009
4/05-10/09 *Assistant Professor, Division of Epidemiology, The Ohio State University College of Public Health, Columbus, OH.*
- Mentoring student research projects.
- Course coordinator and co-instructor for Injury Epidemiology (spring 2007).
- Course instructor for Epidemiology for Experienced Health Professionals (fall 2008).
8/02–7/04 *Adjunct Assistant Professor, Department of Biostatistics and Epidemiology, University of Oklahoma Health Sciences Center College of Public Health, OKC, OK.*

- Spring 2004, mentored masters students' field work projects
 - Spring and Fall, 2003, co-taught Injury Epidemiology and Prevention course.
 - Guest lectured
- 6/00 to 8/00 *Teaching Associate II*, San Diego State University, San Diego, CA. Taught one section of Confronting AIDS in the general education program.
- 8/99 to 6/00 *Graduate Teaching Assistant*, San Diego State University, Graduate School for Public Health, San Diego, CA for Introductory Epidemiology classes.
- Prepared lectures, led review sessions, guest lectured, and determined grades.
 - Produced on line course using Blackboard.
- 1/99 to 5/99 *Adjunct Instructor*, Kirkwood Community College, Iowa City, IA.
Taught two sections of Introductory Environmental Science.

Public Health Experience

- 7/02-7/04 *Epidemic Intelligence Service (EIS) Officer*, Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Applied Public Health Training, Epidemic Intelligence Service Branch, Assigned to: Oklahoma State Department of Health, Injury Prevention Service, OKC, OK. Working under the direction of Sue Mallonee, RN, MPH.
- Conducted field investigations.
 - o A large nosocomial outbreak of hepatitis C and B.
 - o Injury patterns and preventive behaviors associated with the May 8-9, 2003, tornadoes.
 - Performed research.
 - o Evaluating violent injury death surveillance systems.
 - o Describing the epidemiology of homicide-suicide cluster events.
 - Manuscript preparation.
 - Presented at international, national, and local scientific meetings, academic sessions, and local stakeholder meetings.
- 8/01-6/02 *Associate Schools of Public Health Fellow*, Environmental Health Services Branch, National Center for Environmental Health, Centers for Disease Control and Prevention. Worked under the direction of Sharunda Buchanan, PhD and John Sarisky, RS, MPH, participating in field investigations on the effect of mold on indoor air quality and working on issues related to drinking water and recreational water safety.
- 2/99 to 5/99 *Program Planner II*, Iowa Department of Public Health, Center for Acute Disease Epidemiology, Des Moines, IA. Worked under the direction of Patricia Quinlisk, MD, coordinating the writing of multiple grants.
- 10/98 *Intern*, Iowa Department of Public Health, Center for Acute Disease Epidemiology, Souixland District Health Department, IA. Worked under the direction of EIS officers Bill Trick, MD and Belinda Ostrowsky, MD, Center for Disease Control, assisted an Epi-aide studying the prevalence of VRE in nursing home residents.
- 8/98 to 9/98 *Intern*, Iowa Department of Public Health, Center for Acute Disease Epidemiology, Des Moines, IA. Worked under the direction of Patricia Quinlisk, MD, State Epidemiologist.
- Foodborn outbreak investigations.
 - Occupational CO poisoning investigations.
 - Investigation of a potential waterborne outbreak of *E coli* O157.
 - "Epi Manual" chapter production on bioemergencies.
 - Fact sheet production on CO, enteroviruses, pandemic flu, and plague.

Research Experience

- 7/04-present *Research Faculty*, Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital (Research Institute changed name from Columbus Children's Research Institute in Sept. 2007), Columbus, OH. Focus of research is injury among the physically active, more specifically sports and recreation injury epidemiology.
- 9/99 to 6/01 *Research Assistant*, Naval Health Research Center, Clinical Epidemiology Division, San Diego, CA. Worked under the direction of Rick Shaffer, PhD, and Stephanie Brodine, MD, on projects involving the effectiveness of the military's suicide prevention program, patterns of condom use among HIV infected military personnel, and health-related behaviors, alcohol use, and stress among Marines.
- Survey preparation and administration.
 - Data entry, data management, and epidemiological analyses.
 - Manuscript preparation.
- 5/98 to 8/98 *Research Assistant I*, University of Iowa, State Health Registry of Iowa, Iowa Cancer Registry, Iowa City, IA. Worked under the direction of Paul Romitti, PhD, Department of Preventive Medicine, studying associations between cervical cancer and pregnancy history.
- Manipulation and analysis of a large database using SAS.
- 7/95 to 7/99 *Research Assistant I*, University of Iowa, Iowa City, IA. Worked under the direction of Fred Dietz, MD, Department of Orthopedic Surgery, studying the genetics of idiopathic clubfoot.
- pcr and PAGE analysis.
 - Allele scoring and pedigree analysis.
 - General lab management duties.
- 6/90 to 7/92 *Research Assistant II*, National Jewish Center for Immunology and Respiratory Medicine, Denver, CO. Worked under the direction of Leonid Heifets, MD, studying experimental and approved drugs and their effects on mycobacteriaciae.
- Determination of Post Antibiotic Effect.
 - Determination of MIC and MBC.
- 2/90 to 6/90 *Lab Technician*, Colorado State University, Fort Collins, CO. Worked under the supervision of Kenneth Hossner, PhD, Department of Animal Science.
- Design and performance of parentage tests for bovines.
 - Instruction and supervision of graduate students doing parentage tests.
- 9/86 to 5/89 *Undergraduate Researcher*, Colorado State University, Fort Collins, CO. Worked under the direction of Ralph E. Smith, PhD, Professor and Chair, Department of Microbiology, studying recombination of retroviral and host cell DNA in avians.
- Restriction mapping.
 - DNA extraction and purification.
 - Southern blot and PAGE analyses.

Administrative Experience

- 6/06-present *Director of Internal Operations*, Center for Injury Research and Policy, The Research Institute at Nationwide Children's Hospital, Columbus, OH. Responsible for overseeing day to day operations of the center including personnel issues, allocation of space, facility management, etc.

Industry and Military Experience

7/92 to 4/95 *Biochemistry Technician and Team Leader*, PASCO Laboratories, Wheat Ridge, CO.
Worked as a team member in this medical device manufacturing subsidiary of Difco Laboratories.

- Supervision and training of assistants.
- Production of solutions for MIC plates.
- Procedure writing for all laboratory activities.
- Maintaining FDA and ISO 9000 compliance.

5/89 to 11/95 *Medical Laboratory Specialist*, United States Army Reserves, 406th Combat Support Hospital, Aurora, CO.

- Phlebotomy and blood typing.

Presentations at Scientific Conferences/Meetings/Sessions/Seminars

1. **Comstock RD** and Chisolm DJ. Top 10 Public Health Issues in 2009. Invited speaker, OSU MedNet 21 program originally aired 10/16/2009, Columbus, OH, 2009.
2. **Comstock RD**. Concussions and the Pediatric Dentist. Invited speaker, 2009 Practical Reviews in Pediatric Dentistry (PRPD) recording series, Columbus, OH, 2009.
3. **Comstock RD**, Tackett J, and Gibson K. The NFHS Injury Surveillance System: A Systematic Approach to Risk Management Issues in Rules Writing. Invited Speaker, 2009 NFHS (National Federation of State High School Associations) Summer Meeting, Chicago, IL, 2009.
4. **Comstock RD**, Yard EE, and Collins CL. A Comparison of High School Sports Injury Surveillance Data Reporting by Certified Athletic Trainers, Coaches, and Athletes. Presenter, National Athletic Trainers' Association (NATA) 60th Annual Meeting & Clinical Symposia, San Antonio, TX, 2009.
5. **Comstock RD**. Injury Surveillance: Its' Not Just a Research Tool. Invited speaker. 2009 National Federation of State High School Associations (NFHS)/National Collegiate Athletic Association (NCAA)/Sporting Goods Manufacturers' Association (SGMA) Meeting, Indianapolis, IN, 2009.
6. Yard EE and **Comstock RD**. Return to Play Patterns following Concussion. 2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, 2009.
7. Collins CL, Darrow CJ, and **Comstock RD**. A Nationally Representative Study of Severe Injuries Sustained by High School Athletes in the US, 2005-07 School Years. Presenter, American Public Health Association (APHA) 136th Annual Meeting, San Diego, CA, 2008.
8. Yard EE, Collins CL, and **Comstock RD**. Injury Among Children Attending US Summer Camps, 2006-07. Presenter, American Public Health Association (APHA) 136th Annual Meeting, San Diego, CA, 2008.
9. **Comstock RD**. Injury Surveillance: It's Not Just a Research Tool. Invited speaker. Greater Columbus Athletic Trainers' Society (GCATS) Meeting, Columbus, OH, 2008.
10. Dietrich A and **Comstock RD**. Pediatric Concussion: A Need for Injury Prevention. Invited speaker. Bench to Outcomes Seminar Series (BOSS), The Research Institute at Nationwide Children's Hospital, Columbus, OH, 2008.
11. Yard EE, Schroeder MJ, Fields SK, Collins CL, and **Comstock RD**. Epidemiology of High School Soccer Injuries in the US. Pediatric Academic Societies (PAS) and Asian Society for Pediatric Research 2008 Joint Meeting, Honolulu, HI, 2008.

12. Borowski L, Yard EE, Collins CL, and **Comstock RD**. Epidemiology of High School Basketball Injuries in the US. Pediatric Academic Societies (PAS) and Asian Society for Pediatric Research 2008 Joint Meeting, Honolulu, HI, 2008.
13. **Comstock RD**. Epidemiology of Pediatric Sports and Recreation Fall-Related Injuries. Invited speaker, Fall-Related Injury Prevention Symposium, Ohio Department of Health Injury Prevention Program and Ohio Injury Community Planning Group, Columbus, OH, 2008.
14. **Comstock RD**. The National High School Sports Injury Surveillance Study: High School RIO™. Invited speaker, National Federation of State High School Associations (NFHS) Board of Directors Meeting, Indianapolis, IN, 2008.
15. Yard EE and **Comstock RD**. Comparison of Children's Freestyle and Greco-Roman Wrestling Injuries. 8th World Conference On Injury Prevention and Safety Promotion, Merida, Mexico, 2008.
16. **Comstock RD**. Nationwide High School Injury Surveillance: What Can We Learn? Invited Speaker, Nationwide Children's Hospital Sports Medicine Conference, Columbus, OH, 2008.
17. **Comstock RD**. Pediatric Non-Automobile Motorized Vehicle-Related Injuries. Invited Speaker, International Consumer Product Health and Safety Organization (ICPHSO), 2008 Annual Meeting & Training Symposium, Washington, DC, 2008.
18. **Comstock RD**. The National High School Sports-Related Injury Surveillance Study: Methodology, Results, and Impact. Invited Speaker, University of Alaska Anchorage, College of Health and Social Welfare, Public Health Program Public Seminar, Anchorage, Alaska, 2008.
19. Yard EE and **Comstock RD**. Effects of Time in Competition, Phase of Play, and Field Location on Injury Severity in High School Football. American Public Health Association (APHA) 135th Annual Meeting, Washington, DC, 2007. (Received the student paper award for the Injury Control and Emergency Health Services (ICEHS) Section.)
20. Rechel JA, Yard EE, and **Comstock RD**. Epidemiology of High School Competition and Practice Injuries. American Public Health Association (APHA) 135th Annual Meeting, Washington, DC, 2007.
21. Collins CL and **Comstock RD**. An Evaluation of Illegal Activity/Foul Play as a Potential Risk Factor for Injury. Presenter, American Public Health Association (APHA) 135th Annual Meeting, Washington, DC, 2007.
22. **Comstock RD**. Sports Violence: Serious Problem or Just Part of the Game? Invited speaker, The Center for Injury Research and Control at the University of Pittsburgh Online Webinar Series 2007-2008: Injury Control Research Grand Rounds. Internet-based lecture, Columbus, OH, 2007.
23. **Comstock RD**, Yard EE, and Collins CL. Exposure-Based Injury Rates and Patterns of Injury Among a Nationally Representative Sample of US High School Athletes, 2005-2006. Presenter, National Athletic Trainers Association 58th Annual Meeting & Clinical Symposia, Anaheim, CA, 2007.
24. Collins CL, **Comstock RD**, and Smith GA. Pediatric Non-Automobile Motorized Vehicle-Related Injuries. Society for Epidemiologic Research, 40th Annual Meeting, Boston, MA, 2007.
25. **Comstock RD**. Sports and Recreation Injury Prevention. Invited speaker, The Depth and Breadth of CCRI: 2007 Columbus Children's Research Institute Annual Research Retreat, Columbus, OH, 2007.

26. Fields SK and **Comstock RD**. It's All in Her Head: Myths and Realities of Concussions. Girls and Women Rock: Celebrating 35 Years of Sport & Title IX, Academic and Legal Conference, Cleveland, OH, 2007.
27. Yard EE and **Comstock RD**. Comparison of Pediatric Ice Hockey, Lacrosse, and Field Hockey Injuries Presenting to United States Emergency Departments, 1990-2003. American Public Health Association 134th Annual Meeting and Exposition, Public Health and Human Rights, Boston, MA, 2006.
28. Knox CL and **Comstock RD**. Using Epidemiological Research to Shape Injury Prevention. American Public Health Association 134th Annual Meeting and Exposition, Public Health and Human Rights, Boston, MA, 2006.
29. **Comstock RD** and Fields SK. Pay for Pain? Patterns of Injuries Among High School Athletes. Co-Presenter, 2006 North American Society for the Sociology of Sport Annual Meeting, Re-Imagining Community/Re(En) Visioning Sport, Vancouver, British Columbia, Canada, 2006.
30. **Comstock RD**. Making a Difference – Prevent Trauma Before it Happens. Invited speaker, Columbus Children's Hospital, Patient Care Services Grand Rounds, Columbus, Ohio, 2006.
31. **Comstock RD**. High School Sports Injury Surveillance – Collecting Incidence and Exposure. Invited speaker, National Center for Injury Prevention and Control (NCIPC) New Investigator/Dissertation Grantee Workshop, Atlanta, GA, 2006.
32. **Comstock RD**. Sports-Related Violence: Serious Problem or Just Part of the Game? Invited speaker, Central Ohio Interscholastic Athletic Administrators Association (COIAAA) Meeting, Alexandria, OH, 2006.
33. **Comstock RD**. High School Sports Injury Surveillance: Collecting Incidence and Exposure Data Using an Internet-Based Data Collection Tool. Invited speaker, National Federation of State High School Associations (NFHS) Meeting, Indianapolis, IN, 2006.
34. **Comstock RD**. Peer Review and Collaborative Science. Invited speaker, Columbus Children's Research Institute 2005 Responsible Conduct of Research Conference, Columbus, OH, 2005.
35. **Comstock RD**. Using Internet-Based Surveys for Research Purposes: The RIOTM Experience. Invited speaker, Columbus Children's Research Institute 2005 Research Training Series, Columbus, OH, 2005.
36. **Comstock RD**. Sports-Related Violence: Serious Problem or Just Part of the Game? Invited speaker, Columbus Children's Research Institute 2005 Research Training Series, Columbus, OH, 2005.
37. **Comstock RD**. What Proportion of Sports-Related Injuries Can Be Attributed to Foul Play? Presenter, 2005 National Injury Prevention and Control Conference, Injury and Violence in America: Meeting Challenges, Sharing Solutions, Denver, CO, 2005.
38. **Comstock RD**. Sports-Related Violence: Serious Problem or Just Part of the Game? Invited speaker, Columbus Children's Research Institute 2005 Annual Research Conference, Columbus, OH, 2005.
39. **Comstock RD** and Archer P. Planning + Practice = Survival. Invited speaker, The Oklahoma Safety Council's 2004 Governor's Conference on Safety & Health, Enid, OK, 2004.
40. **Comstock RD**. Importance of Data Collection. Invited speaker, Chickasaw Nation Injury Prevention & Health Promotion Conference 2004, Sulphur, OK, 2004.

41. **Comstock RD.** Warnings Received and Actions Taken – Results of a Post-tornado Community Survey. Invited speaker, 2004 National Severe Weather Workshop, Norman, OK, 2004.
42. **Comstock RD.** Assessing Violent Injury Death Reporting in Oklahoma: Implications for National Violent Death Reporting Systems. Invited speaker, 28th Convocation of Southern State Epidemiologists, Oklahoma City, OK, 2003.
43. **Comstock RD,** Mallonee S, Vogt T, Scott P, Fox J, Perz J, Bell B, Moolenaar R, and Crutcher M. Health-care—related Transmission of Hepatitis B Virus and Hepatitis C Virus Associated with Reuse of Needles/Syringes in a Pain Management Clinic—Oklahoma, 2002. Presenter, 131st Annual Meeting of the American Public Health Association, San Francisco, CA, 2003.
44. **Comstock RD,** Mallonee S, Kruger E. Homicide-Suicide Clusters, Oklahoma, 1994-2001. Presenter, National Center for Injury Prevention and Control Safety in Numbers Conference, Atlanta, GA, 2003.
45. **Comstock RD.** A Large Healthcare-Related Outbreak of Hepatitis B and C Viruses — Oklahoma, 2002. Invited speaker, Association for Professionals in Infection Control and Epidemiology Meeting, Tulsa, OK, 2003.
46. **Comstock RD,** Mallonee S, Scott P, Fox J, Vogt T, Perz J, Moolenaar R, Bell B, and Crutcher M. Healthcare-Related Transmission of Hepatitis B and C Viruses — Oklahoma, 2002. Presenter, 52nd Annual Epidemic Intelligence Service (EIS) Conference, Atlanta, GA, 2003.
47. **Comstock RD.** Highly Efficient Nosocomial Transmission of Hepatitis from Reuse of Needles in a Pain Management Clinic. Invited speaker, Epidemiologists and Professionals in Infectious Control Meeting, Oklahoma City, OK, 2003.
48. **Comstock RD,** Mallonee S, Scott P, Fox J, Vogt T, Perz J, Moolenaar R, Bell B, and Crutcher M. Health-Care – Related Transmission of HBV and HCV Associated with the Reuse of Needles/Syringes in a Pain Management Clinic – Oklahoma, 2002. Presenter, Epidemic Intelligence Service Midwest Regional Conference, Ann Arbor, MI, 2003.
49. **Comstock RD** and Castillo EM. An Examination of the Use of Race and Ethnicity in the American Journal of Public Health and the American Journal of Epidemiology, 1996-1999. Presenter, 130th Annual Meeting of the American Public Health Association, Philadelphia, PA, 2002.
50. **Comstock RD,** Lee R, Sarisky J, Mainzer H, Stock A, Brown C, and Mijal R. Applying a Systems-Based Approach to Investigating Mold in the Indoor Environment. Presenter, 130th Annual Meeting of the American Public Health Association, Philadelphia, PA, 2002
51. **Comstock RD.** Violent Injury Death – Oklahoma, 2001. Presenter, CDC EIS Fall Surveillance Course, Atlanta, GA, 2002.
52. **Comstock RD.** Grumpy Old Men – Are They Healthier Than Sweet Little Old Ladies?: Investigating the Hypothesis that Hostility is Associated with Better Health in the Elderly. Presenter, San Diego Epidemiology Research Exchange. San Diego, CA, 2001.

Posters and Published Abstracts from Scientific Meetings/Sessions

1. Nelson N, Alhaji M, Yard EE, **Comstock RD,** and McKenzie L. Physical Education Class Injuries. Poster presented, 2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, 2009.
2. Swenson D, Yard EE, Fields SK, Collins CL, and **Comstock RD.** Epidemiology of US High School Fractures. Poster presented, 2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, 2009.

3. Yard EE, Collins CL, and **Comstock RD**. High School Sports Injury Surveillance Reporting. Poster presented, 2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, 2009.
4. Collins CL, Yard EE, and **Comstock RD**. Epidemiology of Pediatric Concussions. Poster presented, 2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, 2009.
5. Darrow CJ, Collins CL, and **Comstock RD**. Epidemiology of Severe Injuries Among US High School Athletes, 2005-07. Poster presented, American Medical Association – Medical Student Section Interim Meeting, Orlando, FL, 2008.
6. Yard EE, Collins CL, and **Comstock RD**. Illness Among Children Attending US Summer Camps, 2006-07. Poster presented, American Public Health Association (APHA) 136th Annual Meeting, San Diego, CA, 2008.
7. Huffman EA, Yard EE, Fields SK, Collins CL, and **Comstock RD**. Epidemiology of Rare Injuries and Conditions among US High School Athletes during the 2005-06 and 2006-07 School Years. Poster presented, 7th Annual OSUMC Research Day, Columbus, OH, 2008.
8. Yard EE and **Comstock RD**. An Epidemiologic Comparison of Pediatric Freestyle and Greco-Roman Wrestling Injuries. Poster presented, 7th Annual OSUMC Research Day, Columbus, OH, 2008.
9. Collins CL, Yard EE, and **Comstock RD**. Preventing Sports-Related Injuries Using a Public Health Approach. Poster presented, 9th World Conference On Injury Prevention and Safety Promotion, Merida, Mexico, 2008.
10. **Comstock RD** and Collins CL. Advantages and Disadvantages of Using an Internet-Based Data Collection Tool for Research Purposes. Poster presented, American Public Health Association (APHA) 135th Annual Meeting, Washington, DC, 2007.
11. Collins CL and **Comstock RD**. Illegal Activity/Foul Play as a Risk Factor for Injury among US High School Athletes. Poster presented, 2007 National Injury & Violence Prevention Research Conference, Columbus, OH, 2007.
12. Ingram J, Fields SF, Yard EE, and **Comstock RD**. A Joint Problem: Epidemiology of Knee Injuries among Boys and Girls in US High School Athletics. Poster presented, 2007 National Injury & Violence Prevention Research Conference, Columbus, OH, 2007.
13. Yard EE and **Comstock RD**. An Epidemiologic Comparison of Injuries Presenting to Pediatric ED and UC Facilities. Poster presented, 2007 National Injury & Violence Prevention Research Conference, Columbus, OH, 2007.
14. Collins CL, Yard EE, and **Comstock RD**. Injuries Sustained by High School Baseball Players when Hit by a Batted Ball. Poster presented, Society for Epidemiologic Research, 40th Annual Meeting, Boston, MA, 2007.
15. Yard EE, and **Comstock RD**. An Epidemiologic Comparison of Pediatric Freestyle and Greco-Roman Wrestling Injuries. Poster presented, Society for Epidemiologic Research, 40th Annual Meeting, Boston, MA, 2007.
16. Yard EE, Collins CL, and **Comstock RD**. Epidemiology of High School Wrestling Injuries. Poster presented, Society for Epidemiologic Research, 40th Annual Meeting, Boston, MA, 2007.
17. Yard EE, Knox CL, and **Comstock RD**. Illness and Injury Among Children Attending Summer Camp, United States 2005. Poster presented, American Public Health Association 134th Annual Meeting and Exposition, Public Health and Human Rights, Boston, MA, 2006.

18. Yard EE, Knox CL, and **Comstock RD**. An Internet-based Surveillance System for Collection of Sports Injury and Exposure Information, United States 2005-2006. Poster presented, 1st European Conference on Injury Prevention and Safety Promotion, Vienna Austria, 2006.
19. Knox CL and **Comstock RD**. Moving Research from Knowledge to Practice. Poster presented, Second North American Congress of Epidemiology, Seattle, WA, 2006. (Received 2nd place for poster of session two award.)
20. Yard EE, Knox CL, and **Comstock RD**. Internet-Based Surveillance of Injuries Sustained by US Campers. Poster presented, Second North American Congress of Epidemiology, Seattle, WA, 2006.
21. Knox CL, Yard EE, and **Comstock RD**. Internet-Based Surveillance of Injuries Sustained by US High School Rugby Players. Poster presented, Second North American Congress of Epidemiology, Seattle, WA, 2006.
22. Knox CL and **Comstock RD**. Using Internet-Based Surveys for Research Purposes: The RIO™ Experience. Poster presented, 8th World Conference On Injury Prevention and Safety Promotion, Durban, South Africa, 2006.
23. Yard EE and **Comstock RD**. Comparison of Pediatric Ice Hockey, Lacrosse, and Field Hockey Injuries Presenting to US Emergency Departments, 1990-2003. Poster presented, Columbus Children's Research Institute 2005 Annual Research Conference, Columbus, OH, 2006.
24. Witsaman RJ, **Comstock RD**, and Smith GA. Pediatric Fireworks-Related Injuries in the United States, 1990-2003. Poster presented, Columbus Children's Research Institute 2005 Annual Research Conference, Columbus, OH, 2006.
25. **Comstock RD**, Knox CL, and Fields SK. Is Sports-Related Violence a Public Health Issue or is it "Just Part of the Game?" Poster presented, 2005 Epidemiology without Borders, A Joint Meeting of the Society for Epidemiologic Research and Canadian Society for Epidemiology and Biostatistics, Toronto, Canada, 2005.
26. Knox CL, Fields SK, and **Comstock RD**. Sports-Related Violence: A Unique but Unstudied Subset of Violence. Poster presented, 2005 Epidemiology without Borders, A Joint Meeting of the Society for Epidemiologic Research and Canadian Society for Epidemiology and Biostatistics, Toronto, Canada, 2005.
27. **Comstock RD** and Knox CL. A Two-Year Review of Rugby-Related Injuries Presenting to United States Emergency Departments, 2002-2003. Abstract published, 2005 Pediatric Academic Societies' Annual Meeting, Washington DC, 2005.
28. **Comstock RD** and Knox CL. When the Rules of the Game are Broken: What Proportion of Sports-Related Injuries can be Attributed to Illegal Activity? Abstract published, 2005 Pediatric Academic Societies' Annual Meeting, Washington DC, 2005.
29. Knox CL and **Comstock RD**. Nonparticipant Injuries Associated with Skating Activities. Abstract published, 2005 Pediatric Academic Societies' Annual Meeting, Washington DC, 2005.
30. Knox CL, **Comstock RD**, McGeehan JM, and Smith GA. Is Ice-Skating More Dangerous Than Other Skating Activities? Epidemiology of Ten Years of Pediatric Skating-Related Injuries in the United States. Poster presented, 2005 Pediatric Academic Societies' Annual Meeting, Washington DC, 2005.
31. **Comstock RD**, Knox CL, and Fields SK. Sports-Related Violence: Public Health Issue or Just "Boys Being Boys?" Poster presented, 2005 National Injury Prevention and Control Conference, Injury and Violence in America: Meeting Challenges, Sharing Solutions, Denver, CO, 2005.

32. Knox CL and **Comstock RD**. Gender Differences in Ice Hockey Injuries Attributed to Illegal Activity: What Proportion of Sports-Related Injuries Can Be Attributed to Foul Play? Poster presented, 2005 National Injury Prevention and Control Conference, Injury and Violence in America: Meeting Challenges, Sharing Solutions, Denver, CO, 2005.
33. **Comstock RD**, Mallonee S, and Hasandzekaj A. Does a Community-Wide Change in Protective Actions Occur After a Severe Tornado? Poster presented, 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, 2004. (Received 2nd place for poster of the conference award.)
34. **Comstock RD** and Fields SK. The Fair Sex? Foul Play Among Female Rugby Players. Poster presented, 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, 2004.
35. **Comstock RD** and Fields SK. Patterns of Injury Among USA Female Rugby Players. Poster presented, 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, 2004.
36. Mallonee S, **Comstock RD**. Accuracy of Violent Death Reporting in Oklahoma, 2001. Poster presented, 131st Annual Meeting of the American Public Health Association, San Francisco, CA, 2003.
37. Heifets LB, Lindholm-Levey PJ, and **Comstock RD**. MICs and MBCs of Clarithromycin for *M. avium* Isolated From AIDS Patients. Abstract presented to the American Society of Microbiology. Dallas, Texas, 1991.
38. Aurigemma RE, **Comstock RD**, and Smith RE. Persistent Viral DNA Synthesis Associated With MAV 2-(0) Induced Osteopetrosis. Abstract presented to the American Society for Virology. Austin, Texas, 1988.

Bibliography

1. Swenson DM, Yard EE, Collins CL, Fields SK, and **Comstock RD**. Epidemiology of US High School Sports-Related Fractures, 2005-2009. Currently under review.
2. Nation A, Yard EE, **Comstock RD**, Mehl A, and McKenzie L. Football-Related Injuries for 6 to 17 Year Olds Treated in U.S. Emergency Departments: 1990-2007. Currently under review.
3. D'Ippolito A, Collins CL, and **Comstock RD**. Epidemiology of 5.7 Million Pediatric Holiday-Related Injuries Presenting to US Emergency Departments from 1997 through 2006. Currently under review.
4. Frommer L, Gurka K, Cross K, Ingersoll, C, **Comstock RD**, and Saliba S. Comparison of Concussion Symptomatology between Sexes in High School Athletes. Currently under review.
5. Goldlust EJ, Walton E, Stanley R, Yard E, Garst B, **Comstock RD**, Ebner Erceg L, and Cunningham R. Injury Patterns at U.S. and Canadian Overnight Summer Camps: First Year of the Healthy Camp Study. Forthcoming, *Injury Prevention*.
6. Fields SK, Collins CL, and **Comstock RD**. Sports-Related Violence: Hazing, Brawling, and Foul Play. Forthcoming, *British Journal of Sports Medicine*.
7. Krajnik S, Fogarty K, Yard EE, and **Comstock RD**. Shoulder Injuries in US High School Baseball and Softball Athletes, 2005-2008. Forthcoming, *Pediatrics*.
8. Deits J, Yard EE, Collins CL, Fields SK, and **Comstock RD**. Ice Hockey Injuries Presenting to US Emergency Departments, 1990-2006. Forthcoming, *Journal of Athletic Training*.

9. Kerr ZY, Collins CL, and **Comstock RD**. Epidemiology of Weight Training-Related Injuries Presenting to United States Emergency Departments, 1990 through 2007. Forthcoming, *American Journal of Sports Medicine*.
10. Yard EE and **Comstock RD**. Injury Patterns by Body Mass Index in US High School Athletes. Forthcoming, *Journal of Physical Activity & Health*.
11. Yard EE, Collins CL, and **Comstock RD**. A Comparison of High School Sports Injury Surveillance Data Reporting by Certified Athletic Trainers and Coaches. *Journal of Athletic Training* 44(6);645-652 (2009).
12. Darrow CJ, Collins CL, Yard EE, and **Comstock RD**. Epidemiology of Severe Injuries among United States High School Athletes: 2005-2007. *American Journal of Sports Medicine* 37(9);1798-1805 (2009).
13. Yard EE and **Comstock RD**. Compliance with Return to Play Guidelines Following Concussion in US High School Athletes, 2005-2008. *Brain Injury* 23(11);888-898 (2009).
14. Nelson NG, Alhaji M, Yard E, **Comstock D**, and McKenzie LB. Physical Education Class Injuries Treated in Emergency Departments in the US in 1997-2007. *Pediatrics* 124(3);1-8 (2009).
15. Stewart GB, Shields BJ, Fields S, **Comstock RD**, and Smith GA. Consumer Products and Activities Associated with Dental Injuries to Children Treated in United States Emergency Departments, 1990-2003. *Dental Traumatology* 25(4);399-405 (2009).
16. Swenson DM, Yard EE, Fields SK, and **Comstock RD**. Patterns of Recurrent Injuries among US High School Athletes, 2005-2008. *American Journal of Sports Medicine* 37(8);1586-1593 (2009).
17. **Comstock RD**. Commentary on Epidemiology of Knee Injuries in Adolescents: A Review. (Invited commentary) *Clinical Journal of Sports Medicine* 19(2);153-154 (2009).
18. Lawson BR, **Comstock RD**, and Smith GA. Baseball-Related Injuries to Children Treated in Hospital Emergency Departments in the United States, 1994-2006. *Pediatrics* 123(6);e1028-e1034 (2009).
19. Yard EE and **Comstock RD**. An Epidemiologic Comparison of Injuries Presenting to Pediatric Emergency Department and Local Urgent Care Facilities. *Journal of Safety Research* 40(1);63-9 (2009).
20. Yard EE and **Comstock RD**. Effects of Field Location, Time in Competition, and Phase of Play on Injury Severity in High School Football. *Research in Sports Medicine: An International Journal* 17(1);35-49 (2009).
21. Bonza J, Fields SK, Yard EE, and **Comstock RD**. Shoulder Injuries Among United States High School Athletes, 2005-2007. *Journal of Athletic Training* 44(1);76-83 (2009).
22. Vollman D, Witsaman R, **Comstock RD**, and Smith GA. Epidemiology of Playground Equipment-Related Injuries to Children in the United States, 1996-2005. *Clinical Pediatrics* 48(1);66-71 (2009).
23. Fields SK and **Comstock RD**. Why American Women Play Rugby. *Women in Sport and Physical Activity Journal* 17(2);8-16 (2008).
24. Huffman EA, Yard EE, Fields SK, Collins CL, and **Comstock RD**. Epidemiology of Rare Injuries and Conditions among US High School Athletes during the 2005-06 and 2006-07 School Years. *Journal of Athletic Training* 43(6);624-630 (2008).
25. Borowski L, Yard EE, Fields SK, and **Comstock RD**. The Epidemiology of US High School Basketball Injuries, 2005-2007. *American Journal of Sports Medicine* 36(12);2328-2335 (2008).

26. Yard EE, Schroeder MJ, Fields SK, Collins CL, and **Comstock RD**. The Epidemiology of US High School Soccer Injuries, 2005-2007. *American Journal of Sports Medicine* 36(10);1930-1937 (2008).
27. Yard EE and **Comstock RD**. A Comparison of Pediatric Freestyle and Greco-Roman Wrestling Injuries Sustained During a 2006 US National Tournament. *Scandinavian Journal of Medicine & Science in Sports* 18(4);491-497 (2008).
28. Collins CL and **Comstock RD**. Epidemiologic Features of High School Baseball Injuries in the United States, 2005-2007. *Pediatrics* 121(6);1181-1187 (2008).
29. Ingram JG, Yard EE, Fields SK, and **Comstock RD**. Epidemiology of Knee Injuries among Boys and Girls in US High School Athletics. *American Journal of Sports Medicine* 36(6);1116-1122 (2008).
30. Erceg LE, Garst BA, Powell GM, and **Comstock RD**. How Healthy is Camping? Exploring Early Results from the American Camp Association's Surveillance Study of Injuries and Illness. *Camping* 81(2);22-28 (2008).
31. Rechel JA, Yard EE, and **Comstock RD**. An Epidemiologic Comparison of High School Sports Injuries Sustained in Practice and Competition. *Journal of Athletic Training* 43(2);197-204 (2008).
32. Collins CL, Fields SK, and **Comstock RD**. When the Rules of the Game are Broken: What Proportion of High School Sports-Related Injuries are Related to Illegal Activity? *Injury Prevention* 14(1);34-38 (2008).
33. Collins CL, Micheli LJ, Yard EE, and **Comstock RD**. Injuries Sustained by High School Rugby Players in the United States, 2005-2006. *Archives of Pediatrics and Adolescent Medicine* 162(1);49-54 (2008).
34. Yard EE, Collins CL, Dick RW, and **Comstock RD**. An Epidemiologic Comparison of High School and College Wrestling Injuries. *American Journal of Sports Medicine* 36(1);57-64 (2008).
35. Gessel LM, Fields SK, Collins CL, Dick RW, and **Comstock RD**. Concussions Among High School and College Athletes. *Journal of Athletic Training* 42(4);495-503 (2007). (Selected as runner-up of the 2007 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript.)
36. Shields BJ, **Comstock RD**, Fernandez SA, Xiang H, and Smith GA. Healthcare Resource Utilization and Epidemiology of Pediatric Burn-Associated Hospitalizations, United States, 2000. *Journal of Burn Care & Research* 28(6);811-826 (2007).
37. Nelson AJ, Collins CL, Yard EE, Fields SK, and **Comstock RD**. The Epidemiology of Ankle Injuries Among US High School Athletes, 2005-06. *Journal of Athletic Training* 42(3);381-387 (2007).
38. Fields SK, Collins CL, and **Comstock RD**. Conflict on the Courts: A Review of Sports Related Violence Literature. *Trauma, Violence, & Abuse* 8(4);359-369 (2007).
39. Castillo EM and **Comstock RD**. Prevalence of Use of Performance Enhancing Substances Among United States Adolescents. *Pediatric Clinics of North America* 54(4);663-675 (2007).
40. Shankar PR, Fields SK, Collins CL, Dick RW, and **Comstock RD**. Epidemiology of High School and Collegiate Football Injuries in the United States, 2005-2006. *American Journal of Sports Medicine* 35(8);1295-1303 (2007).
41. Fernandez WG, Yard EE, and **Comstock RD**, Epidemiology of Lower Extremity Injuries Among US High School Athletes. *Academic Emergency Medicine* 14(7);641-645 (2007).

42. Collins CL, Smith GA, and **Comstock RD**. Children Plus All Non-Automobile Motorized Vehicles (Not Just All-Terrain Vehicles) Equals Injury. *Pediatrics* 120(1);134-141 (2007).
43. Yard EE, Knox CL, Smith GA, and **Comstock RD**. Pediatric Martial Arts Injuries Presenting to Emergency Departments, United States 1990-2003. *Journal of Science and Medicine in Sport* 10(4);219-226 (2007).
44. **Comstock RD**, Knox C, and Gilchrist J. Sports-Related Injuries Among High School Athletes United States, 2005-06 School Year. *Connecticut Medicine* 71(1);19-21 (2007).
45. Leininger R, Knox CL, and **Comstock RD**. Epidemiology of 1.6 Million Pediatric Soccer Injuries Presenting to US Emergency Departments from 1993-2003. *American Journal of Sports Medicine* 35(2);288-293 (2007).
46. Yard EE and **Comstock RD**. Injuries Sustained by Pediatric Ice Hockey, Lacrosse, and Field Hockey Athletes Presenting to United States Emergency Departments, 1990-2003. *Journal of Athletic Training* 41(4);441-449 (2006).
47. Yard EE, Scanlin MM, Erceg LE, Powell GM, Wilkins JR, Knox CL, and **Comstock RD**. Illness and Injury Among Children Attending Summer Camp in the United States, 2005. *Pediatrics* 118(5);e1342-e1349 (2006).
48. **Comstock RD**, Knox C, Yard E, and Gilchrist J. Sports-Related Injuries Among High School Athletes – United States, 2005-06 School Year. *JAMA* 296(22);2673-2674 (2006) – (JAMA reprint of *MMWR*).
49. **Comstock RD**, Knox C, Yard E, and Gilchrist J. Sports-Related Injuries Among High School Athletes – United States, 2005-06 School Year. *Morbidity and Mortality Weekly Review (MMWR)* 55(38);1037-1040 (2006).
50. Yard EE and **Comstock RD**. Injuries Sustained by Rugby Players Presenting to United States Emergency Departments, 1978-2004. *Journal of Athletic Training* 41(3);325-331 (2006).
51. Knox CL, **Comstock RD**, McGeehan JM, and Smith GA. Differences in the Risk Associated with Head Injury for Pediatric Ice Skaters, Roller Skaters, and In-Line Skaters. *Pediatrics* 118(2);549-554 (2006).
52. Witsaman RJ, **Comstock RD**, and Smith GA. Pediatric Fireworks-Related Injuries in the United States: 1990-2003. *Pediatrics* 118(1);296-303 (2006).
53. Knox CL and **Comstock RD**. Nonparticipant injuries associated with skating activities. *Pediatric Emergency Care* 22(3);164-167 (2006).
54. Knox CL and **Comstock RD**. Video Analysis of Falls Experienced by Pediatric Ice-Skaters and Roller/In-Line Skaters. *British Journal of Sports Medicine* 40(3);268-271 (2006).
55. **Comstock RD** and Mallonee S. Comparing the Reactions to Two Severe Tornadoes in One Oklahoma Community. *Disasters* 29(3);277-287 (2005).
56. **Comstock RD**, Mallonee S, Kruger E, Rayno K, Vance A, and Jordan F. Epidemiology of Homicide-Suicide Events, Oklahoma — 1994-2001. *American Journal of Forensic Medicine and Pathology* 26(3);229-235 (2005).
57. **Comstock RD**, Fields SK, and Knox CL. Protective Equipment Use Among Female Rugby Players. *Clinical Journal of Sport Medicine* 15(4);241-245 (2005).
58. **Comstock RD** and Mallonee S. Get Off the Bus: Sound Strategy for Injury Prevention During a Tornado? *Prehospital and Disaster Medicine* 20(3);189-192 (2005).

59. **Comstock RD** and Fields SK. The Fair Sex? Foul Play Among Female Rugby Players. *Journal of Science and Medicine in Sport* 8(1);101-111 (2005).
60. Dietz FR, Cole WG, Tosi LL, Carroll NC, Wemer RD, **Comstock D**, and Murray JC. A Search for the Gene(s) Predisposing to Idiopathic Clubfoot. (Letter to the Editor). *Clinical Genetics* 67;361-362 (2005).
61. **Comstock RD**, Mallonee S, and Jordan F. A Comparison of Two Surveillance Systems for Deaths Related to Violent Injury. *Injury Prevention* 11(1);58-63 (2005).
62. **Comstock RD**, Erceg L, Powell G, and Scanlin M. Healthy Camp Initiative. *Camping Magazine* 78(3);78-79 (2005).
63. **Comstock RD** and Archer P. Planning + Practice = Preparedness: A Case Study in Injury Prevention. *WORK* 23(3);199-204 (2004).
64. **Comstock RD**, Mallonee S, Fox JL, Moolenaar RL, Vogt TM, Perz JF, Bell BP, and Crutcher JM. A Large Nosocomial Outbreak of Hepatitis C and Hepatitis B Among Patients Receiving Pain Remediation Treatments. *Infection Control and Hospital Epidemiology* 25(7);576-583 (2004).
65. **Comstock RD**, Castillo EM, and Lindsay SP. A Four Year Review of the Use of Race and Ethnicity in Epidemiologic and Public Health Research. *American Journal of Epidemiology* 159(6);611-619 (2004).
66. Balter S, Layton M, Bornschlegel K, Crutcher M, Mallonee S, Fox J, Scott P, Safranek T, Lechinsky D, White K, Perz JF, Williams IA, Bell BP, Chiarello L, Panlilio A, Phillips M, Marx M, Macedo de Oliveira A, **Comstock RD**, Malakmadze N, Samandari T, and Vogt T. Transmission of Hepatitis B and C Viruses in Outpatient Settings—New York, Oklahoma, and Nebraska, 2000—2002. *Morbidity and Mortality Weekly Report (MMWR)* 52(38);901-906 (2003).
67. Naso M, **Comstock RD**, and Archer P. Funnel Vision: Practice and Preparation Save 1,200 GM Employees From a Tornado. *Safety+Health* 168(3);44-50 (September 2003).
68. **Comstock RD**. Patterns of Injury Among Female Rugby Players. *Kinesiology Abstracts* 16(1);20 (2003).
69. McClenny B and **Comstock RD**. (2000). Alcohol Use, Alcohol-Related Problems, and Perceived Stress and Coping Among U.S. Marine Corps Personnel. (Government Technical Report Number 00-41). San Diego, CA: NHRC.
70. **Comstock RD**, Currier RW, Markiewicz KV, Welke RL, Quinlisk MP, and Griener TH. Carbon Monoxide Poisoning Associated with Use of LPG-Powered (Propane) Forklifts in Industrial Settings-Iowa, 1998. *JAMA* 283(3);331-332 (2000) – (JAMA reprint of *MMWR*).
71. **Comstock RD**, Currier RW, Markiewicz KV, Welke RL, Quinlisk MP, and Griener TH. Carbon Monoxide Poisoning Associated with Use of LPG-Powered (Propane) Forklifts in Industrial Settings-Iowa, 1998. *Morbidity and Mortality Weekly Report (MMWR)* 48(49);1121-1124 (1999).
72. Heifets LB, Lindholm-Levey PJ, and **Comstock RD**. Bacteriostatic and Bacteriocidal Activities of Gentamicin Alone and in Combination with Claritromycin Against *Mycobacterium avium*. *Antimicrobial Agents and Chemotherapy* 36;1695-1698 (1992).
73. Heifets LB, Lindholm-Levey PJ, and **Comstock RD**. Clarithromycin Minimal Inhibitory and Bacteriocidal Concentrations Against *Mycobacterium avium*. *American Review of Respiratory Disease* 145;856-858 (1992).
74. Aurigemma RE, **Comstock RD**, and Smith RE. Persistent Viral DNA Synthesis Associated With an Avian Osteopetrosis-Inducing Virus. *Virology* 171;626-629 (1989).

Works in Progress

Collins CL, Yard EE, and **Comstock RD**. Applying the Public Health Approach to Sports.

Collins CL, Yard EE, and **Comstock RD**. Prevalence of Performance Enhancing Substance Use among Adolescent Athletes.

Collins CL, Yard EE, and **Comstock RD**. Developing an Electronic Medical Record for the High School Certified Athletic Trainer.

Funded Research Projects

2009-2013 PI: High School Sports Injury Surveillance: Monitoring Rates and Patterns of Injury Over Time. A continuation of the National High School Sports Injury Surveillance Study with a special emphasis on improving data collection on protective equipment use. Funding in the amount of \$168,000 provided by the National Operating Committee on Standards for Athletic Equipment.

2009-2011 Mouthguard BITES (Behavior, Impulsivity, Theory Evaluation Study): Pilot project to identify specific behavioral factors influencing high school basketball, baseball, and softball players' decision making regarding use of mouthguards. Funding in the amount of \$216,000 provided by the National Institutes of Health, National Institute of Dental and Craniofacial Research. Grant Number: 1R03DE019176-01A1.

2008-2012 PI: High School Sports Injury Surveillance and Intervention Evaluation. A continuation and expansion of the National High School Sports Injury Surveillance Study with a special emphasis on evaluating evidence-based interventions driven by data collected by the surveillance system. Funding in the amount of \$300,000 provided by the Centers for Disease Control and Prevention, National Center for Injury Prevention and Control as part of the Injury Control Research Center Grant awarded to the Center for Injury Research and Policy at Nationwide Children's Hospital. Grant Number: R49/CE001172-01.

2009-2010 PI: High School Sports Injury Surveillance Study Expansion. An expansion of the National High School Sports Injury Surveillance Study to continue capturing data on 18 sports and to expand to include two more sports (boys' volleyball and cheerleading). Funding in the amount of \$75,000 provided by the National Federation of State High School Associations via charitable donation to Nationwide Children's Hospital Foundation.

2008-2009 PI: High School Sports Injury Surveillance Study Expansion. An expansion of the National High School Sports Injury Surveillance Study from 100 schools to 200 schools to capture data on an additional nine sports (boys' ice hockey, lacrosse, swimming & diving, and track & field and girls' field hockey, lacrosse, gymnastics, swimming & diving, and track & field). Funding in the amount of \$70,000 provided by the National Federation of State High School Associations via charitable donation to Nationwide Children's Hospital Foundation.

2008 PI: National High School Sports Injury Surveillance Study, High School RIO™. A continuation of an internet-based injury surveillance system to monitor injuries to student athletes in nine sports using a nationally representative sample consisting of 100 US High Schools. Funding in the amount of \$100,000 provided by DJO via charitable donation to Nationwide Children's Hospital Foundation.

- 2008 PI: National High School Sports Injury Surveillance Study, High School RIO™. A continuation of an internet-based injury surveillance system to monitor injuries to student athletes in nine sports using a nationally representative sample consisting of 100 US High Schools. Funding in the amount of \$10,000 provided by the National Federation of State High School Associations via charitable donation to Nationwide Children's Hospital Foundation.
- 2008 PI: National High School Sports Injury Surveillance Study, High School RIO™. A continuation of an internet-based injury surveillance system to monitor injuries to student athletes in nine sports using a nationally representative sample consisting of 100 US High Schools. Funding in the amount of \$15,000 provided by the Development Board of Nationwide Children's Hospital.
- 2006-2011 PI: The Healthy Camp Study. Project to implement an internet-based surveillance system among US summer camps to monitor injuries and illnesses among campers and staff using a nationally representative sample of camps. Funding in the amount of \$45,000 provided by the American Camp Association.
- 2006 PI: On-Line Surveillance of High School Sports Injuries. Project to compare the quality of athletic exposure and injury data reported by coaches and student athletes using an internet-based injury surveillance system to data reported by certified athletic trainers. Funding in the amount of \$84,811 provided by the National Athletic Trainers Association (NATA) Research & Education Foundation.
- 2006 PI: Rugby RIO™ (Reporting Injuries Online) 2006: A Continuation of Internet-Based Surveillance of Injuries Sustained by US High School Rugby Players. Project to continue an internet-based injury surveillance system among US high school rugby teams begun in 2005. Funding in the amount of \$14,000 provided by the US Rugby Football Foundation (USRFF).
- 2006 PI: Analysis of Pediatric Freestyle and Greco Roman Wrestling Injuries: An injury surveillance project to describe the epidemiology of injuries among pediatric freestyle and Greco Roman wrestling participants. Funding in the amount of \$6,553 provided by Dollamur Sport Surfaces, Dollamur, LLP.
- 2005 PI: High School RIO™ (Reporting Injuries Online): An Internet-Based Surveillance of Injuries Sustained by US High School Athletes. Project to implement an internet-based injury surveillance system to monitor injuries to student athletes in nine sports using a nationally representative sample consisting of 100 US High Schools. Funding in the amount of \$100,000 provided by the Centers for Disease Control and Prevention, National Center for Injury Prevention and Control, New Investigator Grant. Grant Number: R49/CE000674-01.
- 2005 PI: Rugby RIO™ (Reporting Injuries Online): An Internet-Based Surveillance of Injuries Sustained by US Rugby players. Project to implement an internet-based injury surveillance system among US high school rugby teams. Funding in the amount of \$11,000 provided by the US Rugby Football Foundation (USRFF).
- 2001 PI: Identification of Injury Patterns Among Female Rugby Players in the United States and Factors Associated With Such Injuries. Project to conduct a cross-sectional injury epidemiology study among US female rugby players. Funding in the amount of \$2,672

provided by the San Diego State University, School of Public Health, Dean's Research Award Dissertation Grant.

- 1999 Grant writer: Iowa Department of Public Health Preparedness and Response for Bioterrorism Grant. Funding in the amount of \$280,725 provided by HHS CDC announcement #99051.
- 1999 Grant writer: Iowa Department of Public Health Epidemiology and Laboratory Capacity for Infectious Diseases Grant. Funding in the amount of \$285,804 provided by HHS CDC announcement #99032.
- 1987 PI: A Study of the Interaction of MAV-2(0) DNA with Host Cell DNA. Funding in the amount of \$544 provided by the Sigma Xi Undergraduate Grant-in-Aid of Research.

Awards

Award from Nationwide Children's Hospital for mentoring high school students: "in gratitude for your dedication to the Mechanisms of Human Health and Disease Program through the provision of internships that change the lives of future young scientists", Columbus, OH, 2009.

Manuscript (Gessel LM, Fields SK, Collins CL, Dick RW, and **Comstock RD**. Concussions Among High School and College Athletes. *Journal of Athletic Training* 42(4);495-503 (2007).) selected as runner-up of the 2007 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript at the National Athletic Trainers' Association 2008 National Meeting, St. Louis, MO, 2008.

Manuscript (Comstock, et. al., *ICHE* 2004;25:576-583) recognized during the Second Annual SHEA Top "10" Papers of the Year presentation by Dr. Loreen Herwaldt, Society for Healthcare Epidemiology of America (SHEA) Annual Scientific Meeting, Chicago, IL, 2006.

2nd place poster of session 2 award, Second North American Congress of Epidemiology, Seattle, WA, 2006.

2nd place poster of the conference award, 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, 2004.

Professional Associations and Service

Professional Organizations:

American Public Health Association (APHA)
Society for Epidemiologic Research (SER)
International Society for Child and Adolescent Injury Prevention (ISCAIP)
International Society for Violence and Injury Prevention (ISVIP)
Society for Advancement of Violence and Injury Research (SAVIR)
EIS Alumnae Association
State and Territorial Injury Prevention Directors Association

Committees/Task forces:

· Served on the Research Institute at Nationwide Children's Hospital IMPROVE Committee, a committee tasked with identifying ways to reduce wasted and increase employee efficiency (Summer 2009-present)

- Served on the Conference Committee for the 2009 National Injury & Violence Prevention Research Conference: From Discovery to Practice – Innovative Translational Approaches to Injury Prevention and Care (Fall 2008-Spring 2009).
- Served on expert panel on carbon monoxide detector use as part of NIH funded project, “Emergency Department Brief Intervention to Increase Carbon Monoxide Detector Use” (Aug 2008)
- Serve as Ex-Officio member, National Federation of State High School Associations (NFHS), Sports Medicine Advisory Committee (SMAC) (Fall 2009 - present)
- SAVIR Board of Directors (3 yr term beginning 2008)
- SAVIR Training and Infrastructure Committee (co-chair Nov 2007-March 2009, member March 2009-present) and Sustainability Committee (Sept 2008-present)
- Healthy Camp Advisory Committee (2005-present)

Peer Reviewer:

American Journal of Epidemiology
American Journal of Public Health
British Journal of Sports Medicine
Clinical Journal of Sport Medicine
Disasters
Homicide Studies
Injury Prevention
Journal of Athletic Training
Journal of Physical Activity and Health
Medicine & Science in Sports & Exercise

Reviewer of abstracts:

2009 National Injury & Violence Prevention Research Conference, Atlanta, GA, March, 2009.
41st Annual Meeting of the Society for Epidemiologic Research, Chicago, IL, June, 2008.
2007 National Injury & Violence Prevention Research Conference, Columbus, OH, October, 2007.
40th Annual Meeting of the Society for Epidemiologic Research, Boston, MA, June, 2007.
The Second North American Congress of Epidemiology, Seattle, WA, June, 2006.

Reviewer of grants:

NOCSAE (National Operating Committee on Standards for Athletic Equipment), November, 2009.
NATA (National Athletic Trainers Association) Research & Education Foundation, October, 2009.
NATA (National Athletic Trainers Association) Research & Education Foundation, August, 2009.
NOCSAE (National Operating Committee on Standards for Athletic Equipment), December, 2008.
NATA (National Athletic Trainers Association) Research & Education Foundation, April, 2008.
NOCSAE (National Operating Committee on Standards for Athletic Equipment), December, 2006.
CDC NCIPC, Research Grants to Prevent Unintentional Injuries, Atlanta, GA, April, 2006.
CDC NCIPC, National Academic Centers of Excellence for Youth Violence, Atlanta, GA, May, 2005.

Other:

Reviewer – Applications for Nationwide Children’s Hospital Mechanisms of Human Health and Disease program for high school students who excel in science and math, Spring 2009
Reviewer – OSU COM Samuel J. Roessler Memorial Medical Scholarship Applications, Spring 2009
Reader – Jeff Deits, College of Education and Human Ecology, School of Physical Activity and Educational Services, MA thesis, Winter 2009.
Graduate Faculty Representative – F.J. Duncan, Integrated Biomedical Sciences Graduate Program, Doctoral defense, Winter 2009
Committee Member – Ellen Yard, College of Public Health, Division of Epidemiology, Doctoral defense, Winter 2009

Grader – Ellen Yard, College of Public Health, Division of Epidemiology, Doctoral candidacy exam, Spring 2008
Reader – Michael Jaung, The Ohio State University undergraduate senior honors thesis, Spring 2008
Reader – Matt Schroeder, College of Public Health, Division of Epidemiology, MPH culminating project, Spring 2008
Judge – 7th Annual OSUMC Research Day, Spring 2008
Reviewer – Applications for Nationwide Children’s Hospital Mechanisms of Human Health and Disease program for high school students who excel in science and math, Spring 2008
Grader – The Ohio State University, College of Public Health, Division of Epidemiology Doctoral Qualifying Exam, Winter 2008
Reader – Laurel Borowski, College of Public Health, Division of Epidemiology, MPH culminating project, Fall 2008
Reader – Ellen Yard, College of Public Health, Division of Epidemiology, MPH culminating project, Spring 2005

Multiple media interviews (media log available upon request, includes New York Times, CNN, ABC Evening News, People Magazine, Time Magazine, USA Today, NBC Evening News, and other national, regional, and local media outlets).

Student Mentorship

Zack Kerr, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, winter 2009. Conducting an epidemiologic study of dog agility related injuries among human handlers and dogs. Currently collecting data by administering a survey to a large convenience sample of agility participants from the midwest.

Laura Eisenmenger, Ohio State University Med I student research internship, summer 2009. Conducting an epidemiologic study of injuries among high school volleyball players using High School RIO™ data. Currently preparing a manuscript for publication in the scientific peer review literature. Received a Dorothy M. Bennett and Clark L. Bennett Medical Research Scholarship and an Ohio State University Medical Alumni Society Scholarship to conduct this research.

Brett Gage, Waynesburg University student research project, summer 2009. Conducting an epidemiologic study of knee injuries across the age continuum using CPSC NEISS data. Currently preparing a manuscript for publication in the scientific peer review literature.

Julie Rechel, University of Richmond student research project, summer 2009. Conducting an epidemiologic study of injuries requiring surgical repair among US high school athletes using High School RIO™ data. Currently preparing a manuscript for publication in the scientific peer review literature. Received a scholarship from University of Richmond to conduct this research project.

Zack Kerr, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, spring 2009. Conducting an epidemiologic study of dislocation/separation injuries among US high school athletes using High School RIO™ data. Currently preparing a manuscript for publication in the scientific peer review literature.

Zack Kerr, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, winter 2009. Conducted an epidemiologic study of weightlifting injuries presenting to US emergency departments using CPSC NEISS that resulted in one manuscript (Kerr ZY, Collins CL, and Comstock RD. Epidemiology of Weight Training-Related Injuries Presenting to United States Emergency

Departments, 1990 through 2007. Forthcoming, *American Journal of Sports Medicine*). Mr. Kerr used this research project to fulfill an independent study course credit requirement.

Zach Brown, Bloom-Carroll High School high school student research project fall 2008. Conducted an epidemiologic study of concussions across gender and age continuums. Submitted a paper to the 2009 Young Epidemiology Scholars Competition.

Marcus Badgeley, St. Charles Preparatory School high school student research project fall 2008. Conducted an epidemiologic study of football injuries by playing position among US high school athletes using High School RIO™ data. Currently preparing a manuscript for publication in the scientific peer review literature. Submitted a paper to the 2009 Young Epidemiology Scholars Competition.

Allan Joseph, St. Charles Preparatory School high school student research project fall 2008. Conducted an epidemiologic study of ACL injuries among US high school athletes using High School RIO™ data. Currently preparing a manuscript for publication in the scientific peer review literature. This work resulted in Mr. Joseph receiving a \$35,000 scholarship as second place winner in the 2009 Young Epidemiology Scholars Competition.

David Swenson, Ohio State University Med II student research internship, winter 2008/spring 2009. Conducted an epidemiologic study of fractures among high school athletes using High School RIO™ data that resulted in one manuscript (Swenson DM, Yard EE, Collins CL, Fields SK, and **Comstock RD**. Epidemiology of US High School Sports-Related Fractures, 2005-2009. Currently under review.). Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

David Swenson, Ohio State University Med I student research internship, summer 2008. Conducted an epidemiologic study of recurrent injuries among high school athletes using High School RIO™ data that resulted in one manuscript (Swenson DM, Yard EE, and Comstock RD. Patterns of Recurrent Injuries among US High School Athletes, 2005-2008. *American Journal of Sports Medicine*, 2009, 37(8);1586-1593.). Received an NIH funded Road Map Training Program in Clinical Research Summer Program award to conduct this research. Mr. Swenson was awarded \$1,500 with the Dr. Robert L. Barnes Fellowship of Medicine Scholarship for “Excellence in Scientific Presentation of Biomedical Research at the OSUMC Research Day.”

Cory Darrow, Ohio State University Med II student research internship, spring 2008. Conducted an epidemiologic study of severe injuries and conditions among high school athletes using High School RIO™ data that resulted in one manuscript (Darrow CJ, Collins CL, Yard EE, and Comstock RD. Epidemiology of Severe Injuries among United States High School Athletes: 2005-2007. *American Journal of Sports Medicine*, 2009, 37(9):1798-1805.). Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

Anthony D’Ippolito, Grove City High School student research project, fall 2008. Conducted an epidemiologic study of holiday-related injuries presenting to US emergency departments from 1997 through 2006 using CPSC NEISS data that resulted in one manuscript (D’Ippolito A, Collins CL, and Comstock RD. Epidemiology of 5.7 Million Pediatric Holiday-Related Injuries Presenting to US Emergency Departments from 1997 through 2006. Currently under review.). This work resulted in Mr. D’Ippolito’s receiving a \$2,000 scholarship as one of the Regional finalists in the 2008 Young Epidemiology Scholars Competition.

Ellen Yard, Ohio State University College of Public Health, Division of Epidemiology PhD student, research assistant 2006 - 2009. Conducted multiple injury epidemiology research projects resulting in several publications. Won the Health Policy Institute of Ohio, 2007 Ohio Awards, Health Policy Student Research Award for her manuscript comparing injuries presenting to ED and urgent care facilities (Yard EE and Comstock RD. An Epidemiologic Comparison of Injuries Presenting to a Pediatric Emergency Department and Local Urgent Care Facilities. *Journal of Safety Research*, 2009, 40(1);63-69.). Ms. Yard conducted a line of research in high school sports-related injuries for her doctoral dissertation, earning her PhD in 2009. Ms. Yard applied for and was accepted into the CDC's EIS class of 2009.

Laurel Borowski, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, fall 2007. Conducted an epidemiologic study of injuries among high school basketball players using High School RIO™ data that resulted in one manuscript (Borowski L, Yard EE, Fields SK, and Comstock RD. The Epidemiology of US High School Basketball Injuries, 2005-2007. *American Journal of Sports Medicine*, 2008, 36(12);2328-2335.). Ms. Borowski used this research project to fulfill her MPH culminating project requirement.

Matt Schroeder, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, summer 2007. Conducted an epidemiologic study of injuries among high school soccer players using High School RIO™ data that resulted in one manuscript (Yard EE, Schroeder MJ, Fields SK, Collins CL, and Comstock RD. The Epidemiology of United States High School Soccer Injuries, 2005-2007. *American Journal of Sports Medicine*, 2008, 36(10);1930-1937.). Mr. Schroeder used this research project to fulfill his MPH practicum requirement and his MPH culminating project requirement.

John Bonza, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, summer 2007. Conducted an epidemiologic study of shoulder injuries among high school athletes using High School RIO™ data that resulted in one manuscript (Bonza J, Fields SK, Yard EE, and Comstock RD. Shoulder Injuries Among United States High School Athletes, 2005-2007. *Journal of Athletic Training*, 2009, 44(1);76-83.).

Elizabeth Huffman, Ohio State University Med I student research internship, summer 2007. Conducted an epidemiologic study of rare injuries and conditions among high school athletes using High School RIO™ data that resulted in one manuscript (Huffman EA, Yard EE, Fields SK, Collins CL, and Comstock RD. Epidemiology of Rare Injuries and Conditions among US High School Athletes during the 2005-06 and 2006-07 School Years. *Journal of Athletic Training*, 2008, 43(6);624-630.). Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

Jay Ingram, Williams College undergraduate student research project, summer 2007. Conducted an epidemiologic study of patterns of knee injuries among high school athletes using High School RIO™ data that resulted in one manuscript (Ingram JG, Yard EE, Fields SK, and Comstock RD. Epidemiology of Knee Injuries among Boys and Girls in US High School Athletics. *American Journal of Sports Medicine*, 2008, 36(6);1116-1122.).

Julie Rechel, Thomas Worthington High School student research project, fall 2006. Conducted an epidemiologic study of patterns of high school sports injuries sustained in practice and competition using High School RIO™ data. This work resulted in Ms. Rechel's receiving a \$35,000 scholarship as second place winner in the 2007 Young Epidemiology Scholars Competition. The work also resulted in one manuscript (Rechel J, Yard EE, Collins CL, and Comstock RD. An Epidemiologic Comparison of High School Sports Injuries Sustained in Practice and Competition. *Journal of Athletic Training*, 2008, 43(2);197-204.) and one abstract accepted for oral presentation at the 2007 American Public Health

Association Annual Meeting. Ms. Rechel presented the work in an oral session at the 2007 APHA conference in Washington, DC.

Luke Gessel, Ohio State University Med I student research internship, summer 2006. Conducted an epidemiologic study of concussion among high school athletes using High School RIO™ data that resulted in one manuscript (Gessel LM, Fields SK, Collins CL, Dick RW, and Comstock RD. Concussions Among High School and College Athletes. *Journal of Athletic Training*, 2007, 42(4);495-503.) which was selected as the first runner-up of the 2007 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript. Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

Prasad Ravi-Shankar, Ohio State University Med I student research internship, summer 2006. Conducted an epidemiologic study of injuries among high school football players using High School RIO™ data that resulted in one manuscript (Shankar PR, Fields SK, Collins CL, Dick RW, and Comstock RD. Epidemiology of High School and Collegiate Football Injuries in the United States, 2005-2006. *American Journal of Sports Medicine*, 2007, 35(8);1295-1303.). Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

Alex Nelson, Ohio State University Med I student research internship, summer 2006. Conducted an epidemiologic study of ankle injuries among high school athletes using High School RIO™ data that resulted in one manuscript (Nelson A, Fields SK, Collins CL, Dick RW, and Comstock RD. Epidemiology of Ankle Injuries Among High School Athletes. *Journal of Athletic Training*, 2007, 42(3);381-387.) and a \$600 Scientific Travel Award from the 2007 Ohio State University College of Medicine Student Research Day Poster Competition. Received a Samuel J. Roessler Memorial Scholarship Research Fellowship to conduct this research.

Rachel Witsaman, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, summer 2005. Conducted an epidemiologic study of pediatric fireworks injuries using CPSC NEISS data that resulted in one manuscript (Witsaman RJ, Comstock RD, and Smith GA. Pediatric Fireworks-Related Injuries in the United States: 1990-2003. *Pediatrics*, 2006, 118(1);296-303.). Ms. Witsaman used this research project to fulfill her MPH practicum requirement.

Ellen Yard, Ohio State University College of Public Health, Division of Epidemiology MPH student research project, winter 2005. Conducted a study investigating the association between level of competition intensity and injury among high school football players using High School RIO™ data. This work resulted in one manuscript (Yard EE and Comstock RD. Effects of Field Location, Time in Competition, and Phase of Play on Injury Severity in High School Football. *Research in Sports Medicine*, 2009, 17(1);35-49.) which won the Injury Control and Emergency Health Services (ICEHS) Section of the American Public Health Association (APHA) 2007 Best Paper Award for the Student Paper Competition and one abstract accepted for oral presentation at the 2007 APHA Annual Meeting. Ms. Yard presented the work in an oral session at the 2007 APHA conference in Washington, DC. Ms. Yard used this research project to fulfill her MPH practicum requirement and her MPH culminating project requirement.

Robert Leininger, Ohio State University Med I student research internship, summer 2005. Conducted an epidemiologic study of pediatric soccer injuries using CPSC NEISS data that resulted in one manuscript (Leininger R, Knox CL, and Comstock RD. Epidemiology of 1.6 Million Pediatric Soccer Injuries Presenting to US Emergency Departments from 1993-2003. *American Journal of Sports Medicine*, 2007, 35(2);288-293.).

Students' Awards

- 2009 **Ellen Yard**, Ohio State University, College of Public Health student, selected as a member of the CDC EIS (Epidemic Intelligence Service) class of 2009, Atlanta, GA.
- 2009 **Allan Joseph**, St. Charles Preparatory School high school student, won a \$35,000 scholarship as second place winner in the 2009 Young Epidemiology Scholars Competition.
- 2009 **David Swenson**, Ohio State University, College of Medicine student, was awarded \$1,500 with the Dr. Robert L. Barnes Fellowship of Medicine Scholarship for the 2008-09 school year based on "Excellence in Scientific Presentation of Biomedical Research at the OSUMC Research Day."
- 2008 **Anthony D'Ippolito**, Grove City High School student won a \$2,000 scholarship as one of 60 Regional finalists in the 2008 Young Epidemiology Scholars Competition.
- 2008 **Ellen Yard**, Ohio State University, College of Public Health student, selected as a recipient of an \$800 EISAA (Epidemic Intelligence Service Alumni Association) Scholarship to attend and participate in the Annual Epidemic Intelligence Service Conference, April 14-18, 2008, Atlanta, GA.
- 2008 **Luke Gessel**, Ohio State University, College of Medicine student, first author of manuscript which was selected as the first runner-up of the 2007 *Journal of Athletic Training* Kenneth L. Knight Award for the Outstanding Research Manuscript.
- 2007 **Julie Rechel**, Thomas Worthington High School student, won a \$35,000 scholarship as second place winner in the 2007 Young Epidemiology Scholars Competition.
- 2007 **Ellen Yard**, Ohio State University, College of Public Health student, won an \$800 award for the Injury Control and Emergency Health Services (ICEHS) Section of the American Public Health Association (APHA) 2007 Best paper Award for the Student Paper Competition.
- 2007 **Ellen Yard**, Ohio State University, College of Public Health student, won a \$1,000 award for the Health Policy Institute of Ohio, 2007 Ohio Awards, Health Policy Student Research Award.
- 2007 **Alex Nelson**, Ohio State University, College of Medicine student, won a \$600 Scientific Travel Award from the 2007 Ohio State University College of Medicine Student Research Day Poster Competition.