

**CURRICULUM VITAE**  
**March 14, 2023**

**PERSONAL DATA**

- A. Ray M. Merrill, PhD, MPH, MS, FAAHB, FACE
- B. Birthplace: Salt Lake City, Utah.
- C. Citizenship: U.S.A.
- D. Caucasian.
- E. Office address: Department of Public Health, 2063 Life Sciences Building, Brigham Young University, Provo, Utah 84602. Phone: 801-422-9788. Facsimile: 801-422-0273. E-mail: Ray\_Merrill@byu.edu
- F. Home address: 1137 Mountain Ridge Road, Provo, Utah 84604. Phone: 801-356-9104.
- G. Current Position: Professor of Epidemiology and Biostatistics, Department of Health Science, College of Life Sciences, Brigham Young University, Provo, Utah (tenured); Adjunct Professor, Division of Epidemiology, Department of Family and Preventive Medicine, University of Utah College of Medicine, Salt Lake City, Utah.
- H. Previous Position: Mathematical Statistician, Surveillance Modeling and Methods Section, Applied Research Branch, Cancer Control Research Program, Division of Cancer Control and Population Studies, National Cancer Institute, Washington, D.C.
- I. Research Interests: Analysis and modeling of trends in chronic disease incidence, mortality, and survival data; investigation of the impact of chronic disease treatment advances and increased utilization of screening tests on population disease statistics; methodologic investigations into new chronic disease measures, the relationships between incidence, mortality, and survival, and the impact of various biases on chronic disease statistics.

**EDUCATION**

- A. **Ph.D.** Degree in Applied Statistics: April 1994, Arizona State University.
- B. **M.P.H.** Degree in Quantitative Methods: May 1995, Harvard University.
- C. **M.S.** Degree in Managerial Economics (Statistics Minor): April 1989, Brigham Young University.
- D. **B.A.** Degree in Political Science (English Minor): April 1986, Brigham Young University.
- E. Thirty-eighth Annual Summer Institute of Applied Statistics. Topic: R, Beyond the Basics. Brigham Young University, 6/13.
- F. Twenty-sixth Annual Summer Institute of Applied Statistics. Topic: Survival Analysis. Brigham Young University, 6/01.
- G. Undergraduate Education Academy on Teaching and Learning, July 2009. Brigham Young University.
- H. Twenty-sixth Annual Summer Institute of Applied Statistics. Topic: Survival Analysis. Brigham Young University, 6/01.
- I. Faculty Development Seminar, Brigham Young University, 5/99.
- J. Project Officers Training Course (Research and Development), 7/96.
- K. Cancer Prevention and Control Academic Course at the National Cancer Institute, 7/95 – 8/95.
- L. Cancer Prevention and Control Research Fellow, Cancer Control Research Program, Division of Cancer Prevention and Control, National Cancer Institute, Washington, D.C. 7/94 – 1/97.

M. The Summer Institute in Quantitative Methods at the Harvard School of Public Health, 8/94.

N. Centers for Disease Control's Epidemiology Course, 8/93.

## PROFESSIONAL EXPERIENCE

### Full Time Employment

- 8/05 – Professor of Biostatistics and Epidemiology, Department of Health Science, Brigham Young University, Provo, Utah. Teaching, research, and citizenship.
- 8/01 –7/05 Associate Professor of Biostatistics and Epidemiology, Department of Health Science, Brigham Young University, Provo, Utah. Teaching, research, and citizenship.
- 8/98 – 8/01 Assistant Professor of Biostatistics and Epidemiology, Department of Health Science, Brigham Young University, Provo, Utah. Teaching, research, and citizenship.
- 5/08 – Adjunct Professor the Department of Health Promotion and Education, University of Utah, Salt Lake City, Utah. Research and student mentoring.
- 6/99 – Adjunct Professor of Epidemiology, Department of Family and Preventive Medicine, University of Utah, Salt Lake City, Utah. Research and guest lecture.
- 1/97 – 8/98 Mathematical Statistician, Surveillance Modeling and Methods Section, Applied Research Branch, Cancer Control Research Program, Division of Cancer Control and Population Studies, National Cancer Institute, Washington, D.C. Responsible for applying experience and expertise in statistics and computing in order to analyze and describe cancer data. Plans, designs, and conducts applied analytic research pertaining to measuring cancer in selected populations, investigating the interrelationships among direct measures such as incidence, survival, and mortality, and indirect measures such as individual risk factors and group characteristics using a variety of national specialty data bases. Emphasis placed on collaborative efforts to formulate clear research goals and to develop papers and reports for scientific publication.

- 7/94 – 1/97 Cancer Prevention and Control Research Fellow, Cancer Control Research Program, Division of Cancer Prevention and Control, National Cancer Institute, Washington, D.C.
- 9/89 – 8/90 Public Utilities Specialist, Federal Energy Regulatory Commission, Washington, D.C. Responsible for evaluating U.S. electricity rates and services by applying basic accounting and economic modeling techniques.
- 8/84 – 12/84 Congressional Intern, U.S. Senate, Washington, D.C. Involved in policy research and in writing memos for staff, letters to constituents and statements for the Congressional Record.

### **Part Time Employment**

- 2018–2020 MCSIG Wellness. Consultant.
- 2010– The Health Enhancement Research Organization and Wellsteps. Consultant.
- 2008– Utah Valley Health Department’s alcohol abuse and prescription pain narcotics project. Consultant.
- 2008–2010 Salt Lake County’s Healthy Lifestyle Incentive Program. Consultant.
- 2008 Berkshire Health System Cardiovascular Health Risk Reduction Program. Consultant.
- 2008 Ceridian Health Systems Program for reducing weight through nurse coaching. Consultant.
- 5/07 Consultant for ZonMw (on appointment of the Ministry of Health, Welfare and Sport in the Netherlands), as a grant reviewer.
- 2005 – 2006 Consultant: Uterine Fibroid Cost in Utah Medicaid Patients. Department of Pharmacotherapy, College of Pharmacy, University of Utah.
- 2005 – 2006 Consultant: South Africa Indoor Air Pollution Project.
- 2003 – 2005 Consultant: Deseret Mutual Benefits Administrators (DMBA) Project. Department of Family and Preventive Medicine, School of Medicine, University of Utah.
- 2002 – 2005 Consultant: Survival Effects of Prostate Cancer Surveillance National Cancer Institute CISNET grant.

- 7/03 Special Government Employee. Lead discussant/coordinator on the U.S. FIFRA Scientific Advisory Panel for the Environmental Protection Agency regarding the characterization of epidemiology data related to prostate cancer and exposure to Atrazine.
- 10/01 – 1/02, 8/02, 8/03 Visiting Scientist, World Health Organization, International Agency for Research on Cancer, Unit of Epidemiology for Cancer Prevention.
- 2001, 2003 Consultant serving on the National Cancer Institute initial review group for small grants in behavioral research in cancer control.
- 1999 Consultant: R01 application to the National Institutes of Health, entitled “Cancer Incidence and Prevalence throughout the USA.”
- 1999 – Consultant: Ornish Heart Study/Swedish American Studies.
- 2001 Consultant: Identification and Prevention of Upper Limb Musculoskeletal Disorders.
- 2001 – 2003 Participant in the Utah Comprehensive Cancer Control Initiative.
- 2001 Consultant: Estimating Mediation Effects in Prevention Studies Grant.
- 9/96 – 8/98 Scientific Review Committee of Cancer Prevention and Control Protocols at the National Cancer Institute.
- 7/92 – 6/94 Research Assistant, Decision and Information Systems Department, Arizona State University. Responsible for conducting exploratory cross-sectional and longitudinal data analyses in order to describe, evaluate, and generate and test hypotheses. Projects involved application of computing skills (e.g., SAS IML and FORTRAN programming) and knowledge of a wide range of methodological tools and techniques.
- 8/90 – 9/92 Teaching Assistant, Decision and Information Systems Department, Arizona State University. Instructor and teaching assistant for courses covering topics in descriptive and inferential statistics, regression and correlation, multiple regression, decision theory, and time series analysis. Graded exams and provided comments on research papers for classes in quantitative methods (i.e., Applied Regression, Experimental Design, Managerial Decision Analysis, Managerial Statistics, and Operations Production Management).
- 8/88 – 8/89 Research Assistant, Managerial Economics Department, Brigham Young University. Reviewed the literature in public choice and finance and provided statistical assessment of financial data.

## IV. PUBLICATIONS

### A. Peer-Reviewed Articles

1. Merrill, R. M., Ashton, M. K., Angell, E. Sleep disorders according to mental health conditions and medication. *Social Psychiatry and Psychiatric Epidemiology*. Submitted 10 28 22.
2. Merrill, R. M., Ashton, M. K. Comorbid mental illness in adults corresponds with certain demographics and higher rates of injuries and poisoning. *Journal of Nervous and Mental Diseases*. Submitted 10 28 22.
3. Merrill, R. M., Ashton, M. K. Rate of injuries according to a single or comorbid mental illness identified in a large employee database. *Journal of Occupational Health*. Revision requested.
4. Tanner, K, Robison, H. J., Stevens, M. E., Merrill, R. M., Dromey, C, Barkmeier-Kraemer, J, Christensen, M. B. Corticosteroid-LABA inhalers increase phonation threshold pressure (PTP) and flow (PTF) in rabbits. *Laryngoscope*. Revision requested.
5. Merrill, R. M., Slavik, K. R. Relating parental stress with sleep disorders in parents and children. *PLOS ONE*. In press
6. Merrill, R. M. Within- and cross-mental health disorder correlations in husband-and-wife pairs. *BMC Psychiatry*. 2022;22(1):765.
7. Merrill, R. M., Merrill, A. W., Madsen, M. Attention deficit hyperactivity disorder and co-mental health problems associated with increased risk of injury. *Psychiatry Journal* 2022. DOI:10.1155/2022/2470973
8. Merrill, R. M. Mental health conditions according to stress and sleep disorders. *International Journal of Environmental Research and Public Health*. 2022;19(3):7957.
9. Merrill, R. M., Hanson, C. L. A formative evaluation of an adolescent online e-cigarette prevention program. *Health Education*. 2022  
<https://www.emerald.com/insight/content/doi/10.1108/HE-06-2021-0092/full/pdf?title=a-formative-evaluation-of-an-adolescent-online-e-cigarette-prevention-program>
10. Merrill, R. M., Aldana, S. G. Completing a personal health assessment predicts continuing employment, lower health care costs and utilization. *International Journal of Occupational Medicine and Environmental Health*. 2022;145676.

11. Thiesset, H. F., Newman, M., Tona, J. E., Merrill, R. M. Outcomes of patients with COVID-19 in the setting of chronic opioid use disorder. *Journal of Opioid Management*. 2022;18(6):523-528.
12. Merrill, R. M., Otto, S. A., Hammond, E. B. Prostate-specific antigen screening according to health professional counseling and age in the United States. *Prostate Cancer*. 2022;8646314.
13. Merrill, R. M., Smith, A., Schenk, C. C. Mental health of families with autism spectrum disorder: A systematic review. *OSP Journal of Pediatrics*. 2022; <https://www.ospublishers.com/pdf/JP-1-103.pdf>
14. Pierce JL, Tanner K, Merrill RM, Shnowske L, Roy N. Acoustic variability in the health female voice within and across days: How much and why? *Journal of Speech, Language, and Hearing Research*. 2021;64(8):3015-3031.
15. Merrill, R. M., Aldana, S. G. Participation in the Healthy Rewards Program predicts staying employed, medical costs and utilization. *Journal of Occupation and Environmental Medicine*. 2021;63(8):e490-e494.
16. Merrill, R. M. Why does living at higher altitude influence death rates for selected diseases and conditions? An ecologic study involving US counties. *Archives of Nutrition and Public Health*. 2021;3(1). DOI:10:10.5281/zenodo.4558475.
17. Merrill, R. M., Frutos, A., Lyon, J. L., Clark, R. B. The role of Latter-day Saint Charities towards the establishment of needed national neonatal resuscitation programmes in resource poor countries. *Journal of International Development*. 2021;33(1):3-15.
18. Pierce JL, Tanner K, Merrill RM, Shnowske L, Roy N. A field-based approach to establish normative acoustic data for healthy female voices. *Journal of Speech, Language, and Hearing Research*. 2021;64(3):691-706.
19. Roy, N., Merrill, R. M., Pierce, J. Sundar, K. M. Evidence of possible irritable larynx syndrome in obstructive sleep apnea: An epidemiologic approach. *Journal of Voice*. 2020;35(6):932.e29-932.e38.
20. Merrill, R. M. Why is high altitude living associated with lower premature death and better quality of life? An ecologic study involving US counties. *OSP Journal of Health Care and Medicine*. 2020. <https://www.ospublishers.com/Why-is-High-Altitude-Living-Associated-with-Lower-Premature-Death-and-Better-Quality-of-Life-An-Ecologic-Study-Involving-US-Counties.html>

21. Merrill, R. M. Is life expectancy really better at higher altitude living? An ecologic study involving US counties. *Public Health and Healthcare*. 2020. <http://sciaeon.org/articles/Is-Life-Expectancy-Really-Better-at-Higher-Altitude-Living-An-Ecologic-Study-Involving-US-Counties.pdf>
22. Merrill, R. M., Williams, E., Fuhrman, H. Risk behaviors correlate with higher prevalence of Pap, HPV, and HIV screening among women in the United States. *Journal of Women's Health*. 2020. 10.1089/jwh.2020.8656
23. Merrill, R. M. Insufficient sleep correlates with the natural environment, health behaviors, and selected causes of death. *Medical & Clinical Research*. 2020;5(10):329-337. ISSN: 2577-8005.
24. Merrill, R. M., Roy, N., Pierce, J. Sundar, K. M. Impact of voice, cough, and diurnal breathing problems on quality of life in obstructive sleep apnea. Do they matter? *Archives of Otorhinolaryngology-Head & Neck Surgery*. 2020;4(2):3.
25. Merrill, R. M. Explaining the inverse association between altitude and obesity. *Journal of Obesity*. 2020;1946723.
26. Coleman, N. C., Burnett, R. T., Higbee, J. D., Lefler, J. S., Merrill, R. M., Ezzati, M., Marshall, J. D., Kim, S., Bechle, M., Robinson, A., Pope, C. A. Cancer mortality risk, fine particulate air pollution, and smoking in a large, representative cohort of US adults. *Cancer Causes & Control*. 2020;31(8):767-776.
27. Merrill, R. M., Frutos, A. Ecological evidence for lower risk of lymphoma with greater exposure to sunlight and higher altitude. *High Altitude Medicine and Biology*. 2020;21(1):37-44.
28. Merrill, R. M. Physical inactivity's relationship with demographic, lifestyle, and environmental factors in the United States. *Journal of Physical Activity and Health*. 2020;17(4):412-422.
29. Muralidharan, C., Merrill, R. M. Dental care during pregnancy based on the pregnancy risk assessment monitoring system in Utah. *BMC Oral Health*. 2019;19(1):237.
30. Merrill, R. M., Fowers, R. P. To what extent does sex, age, and BMI impact medical and pharmacy costs? A retrospective cohort study involving employees in a large school district. *BMJ Open*. 2019;9(5):e024078. DOI: 10.1136/bmjopen-2018-024078.
31. Merrill, R. M. Injury-related deaths according to environmental, demographic, and lifestyle factors. *Journal of Environmental and Public Health*. 2019: 6942787. DOI: 10.1155/2019/6942787

32. Gibby, W., Parrish, W. Merrill, R., Fernandez, D., Anderson C. R., Merchel E., Jones, T., Parr, R. The use of a binary chelate formulation: Could gadolinium based linear contrast agents be rescued by the addition of zinc selective chelates? *Magnetic Resonance Imaging*. 2019;58:76-81.
33. Roy, N. Merrill, R. M., Pierce, J. L., Sundar, K. Voice disorders in obstructive sleep apnea: Prevalence, risk factors, and the role of CPAP. *Annals of Otolaryngology, Rhinology & Laryngology*. 2018 Dec 21:3489418819541. DOI: 10.1177/0003489418819541
34. Merrill, R. M., Lindsay, G. B., Alexander, C. Healthcare spending on the quality of the nation's health: An analysis of public perceptions. *World Journal of Public Health*. 2018;3(4):125-130.
35. Merrill, R. M. Prescription claims according to wellness program participation for an insurance company in the United States. *Archives of Epidemiology*. 2018;AEPD-121. DOI: 10.29011/2577-2252.
36. Frutos, A., Sloan C., Merrill, R. M. Modeling the effects of atmospheric pressure on suicide rates in the USA using geographically weighted regression. *PLOS One*. 2018;13(12):e0206992.
37. Merrill, R. M., Telford, C. T. Pharmaceutical use according to participation in worksite biometric screening and completion of wellness campaigns. *Preventive Medicine Reports*. 2018;12:158-163.
38. Harding, M. C., Sloan, C. D. Merrill, R. M., Harding, T. M., Thacker, B. J., Thacker, E. L. Transitions from heart disease to cancer as the leading cause of death in US states, 1999-2016. *Preventing Chronic Disease* 2018;15:180151.
39. Merrill, R. M. Medical claims according to wellness program participation for a large insurance company in the United States. *Journal of Occupational and Environmental Medicine*. 2018;60(11):985-989.
40. Roy, N. Tanner, K. M., Merrill, R. M., Wright, C. Pierce, J. L., Miller, K. L. Epidemiology of swallowing disorders in rheumatoid arthritis: prevalence, risk factors, and quality of life burden. *Annals of Otolaryngology, Rhinology & Laryngology*. 2018;127(9):577-587.
41. Merrill, R. M., Frutos, A. Reduced lung cancer mortality at lower atmospheric pressure. *Dose-Response*. 2018;16(2):1559325818769484.
42. Lee JM, Roy N, Peterson E, Merrill RM. Comparison of two multi-parameter acoustic indices of dysphonia severity: The acoustic voice quality index and

- cepstral spectral index of dysphonia. *Journal of Voice*. 2018;32(4):515e1-515e13.
43. Merrill, R. M. Conditional relative survival among female breast cancer patients in the United States. *The Breast Journal*. 2018;24(3)435-437.
  44. Merrill, R. M., Johnson, E. The modifying effect of sex on the generally superior cancer survival experienced in married patients. *Journal of Cancer Survivorship*. 2017;11(5):578-589.
  45. Frutos A., Merrill R. M. Explicit sexual movie viewing in the United States according to selected marriage and lifestyle, work and financial, religion and political factors. *Sexuality & Culture*. 2017;21(4):1062-1082.
  46. LeCheminant, J., Merrill, R. M. Changes in behaviors and outcomes among school-based employees in a wellness program. *Health Promotion Practice*. 2017;18(6):895-901.
  47. Magnusson, B. M., Thackeray, C. R., Van Wagenen, S. A., Davis, S. F., Richards, R., Merrill, R. M. Perceptions of public breastfeeding images and the association with breastfeeding knowledge and attitudes among males in the United States Ages 21-44. *Journal of Human Lactation*. 2017;33(1):157-164.
  48. Johnston JD, Kruman BA, Nelson MC, Merrill RM, Graul RJ, Hoybjerg TG, Tuttle SC, Myers SJ, Cook RB, Weber S. Differential effects of air conditioning type on residential endotoxin levels in a semi-arid climate. *Indoor Air* 2017;
  49. Merrill, R. M., Frutos, A. M Conditional cancer survival of the corpus uterine in the USA. *Journal of Endometriosis and Pelvic Pain Disorders*. 2016;8(4):172-177.
  50. Merrill, R. M., Dalisay, R. A., Dayton, N. Conditional colon cancer survival in the United States. *Colorectal Cancer* 2016, 2:2.
  51. Merrill, R. M., Davis, S. S., Lindsay, G. B., Khomitch, E. Explanations for 20<sup>th</sup> century tuberculosis decline: how the public gets it wrong. *Journal of Tuberculosis Research*. 2016;4:111-121.
  52. Roy, N., Fetrow, R. A., Merrill, R. M. Dromey, C. Exploring the clinical utility of relative fundamental frequency (RFF) as an objective measure of vocal hyperfunction. *Journal of Speech, Language, and Hearing Research*. 2016;59(5):1002-1017.
  53. Merrill, R. M., Bateman, S. Conditional melanoma cancer survival in the United States. *Cancers* 2016;8(2). pii: E20. doi: 10.3390/cancers8020020

54. Pierce, J. L., Tanner, K., Merrill, R. M., Miller, K. L., Kendall, K. A., Roy, N. Swallowing disorders in Sjogren's Syndrome: prevalence, risk factors, and effects on quality of life. *Dysphagia* 2016;31(1):49-59.
55. Merrill, R. M., LeCheminant, J. Medical cost analysis of a school district worksite wellness program. *Preventive Medicine Reports* 2016;3:159-165.
56. Johnston J, Merrill RM, Zimmerman G, Collingwood S, Reading J. Factors associated with biosafety level-2 research workers' hand washing behaviors. *Journal of Occupational & Environmental Hygiene. Journal of Occupational Environmental Hygiene* 2016;13(4):258-268.
57. Merrill, R. M., Hanson, C. L Risk and protective factors associated with being bullied on school property compared with cyberbullied. *BMC Public Health* 2016;16:145. DOI: 10.1186/s12889-016-2833-3
58. Tanner, K., Fujiki, R.B., Dromey, C., Merrill, R. M., Robb, W., Kendall, K. Al., Hopkin, J. A., Channell, R. W., Sivasankar, M. P. Laryngeal desiccation challenge and nebulized isotonic saline in healthy male singers and nonsingers: Effects on acoustic, aerodynamic, and self-perceived effort and dryness measures. *Journal of Voice*. 2016;30(6):670-676.
59. Merrill R. M., Thygeson, S. M., Palmer, C. A. Risk of injury according to having attention deficit hyperactivity disorder and comorbid mental illness. *Pharmacopsychiatry*. 2016;49(2):45-50.
60. Roy, N., Tanner, K., Merrill, R. M., Wright, C., Miller, K., Kendall, K. Descriptive epidemiology of voice disorders in rheumatoid arthritis: prevalence, risk factors and quality of life burden. *Journal of Voice*. 2016;30(1):74-87.
61. Merrill, R. M., Bowen, E., Hager, R. Identifying chronic disease and other selected factors that motivate physical activity in World Senior Games participants. *Gerontology and Geriatric Medicine* 2015;1:1-11.
62. Tanner, K., Nissen, S. L., Merrill, R. M., Miner, Al., Channell, R. W., Miller, K. L., Elstad, M. R., Kendall., K. A., Roy, N. Nebulized isotonic saline improves voice production in Sjögren's Syndrome. *The Laryngoscope*. 2015;125(10):2333-40.
63. Tanner, K., Pierce, J. Merrill, R. M., Miller, K., Kendall, K., Roy, N. The quality of life burden associated with voice disorders in Sjogren's syndrome. *Annals of Otolaryngology, Rhinology & Laryngology*. 2015:721-727.

64. Gibby, J. T., Njeru, D. K., Cvetko, S. T., Merrill, R. M., Bikman, B. T., Gibby, W. A. Volumetric analysis of central body fat accurately predicts incidence of diabetes and hypertension in adults. *BMC Obesity*. 2015;2(1):10.
65. LeCheminant, J., Merrill, R. M., Masterson, T. Health behaviors and work-related outcomes among school employees. *American Journal of Health Behavior*. 2015;39(3):345-51.
66. Merrill, R. M. Use of marijuana and changing risk perceptions. *American Journal of Health Behavior*. 2015;39(3):308-17.
67. Lister C, Merrill RM, Vance D, West JH, Hall PC, Crookston BT. Victimization among Peruvian adolescents: Insights into mental/emotional health from the Young Lives Study. *Journal of School Health*. 2015;85(7):433-440.
68. Pierce, J. L., Tanner, K., Merrill, R. M., Miller, K. L., Ambati, B, K., Kendall, K. A., Roy, N. Voice disorders in Sjorgren's syndrome: Prevalence and related risk factors. *Laryngoscope* 2015;125(6):1385-1392.
69. Hill-Mey, P. E., Kumpfer, K. L., Merrill, R. M., Reel, J., Hyatt-Neville, B., Richardson, G. E. Worksites health promotion programs in college settings. *Journal of Education and Health Promotion*. 2015;4:1-12.
70. Merrill, R. M., Sloan, A. A., Steele, B. Growth of the Church of Jesus Christ of Latter-day Saints in a global context. *Religious Educator*. 2015;16(1):117-127.
71. Lister C, Merrill RM, Vance D, West JH, Hall PC, Crookston BT. Predictors of peer victimization among Peruvian adolescents in the young lives cohort. *Int J Adolesc Med Health*. 2015;27(1):85-91.
72. Lindsay, G. B., Merrill, R. M., Hedin, R. J. The contribution of public health and improved social conditions to increased life expectancy: An analysis of public awareness. *Journal of Community Medicine & Health Education*. 2014;4(5):311.
73. Merrill, R. M., Sloan, A. A. Second malignant neoplasms in survivors of childhood cancer. *World Journal of Epidemiology and Cancer Prevention* 2014, 3:16-30.
74. Heller A, Tanner K, Roy N, Nissen Sl, Merrill RM, Miller KL, Houtz DR, Ellerston J, Kendall K. Voice, speech, and laryngeal features of primary sjogren's syndrome. *Annals of Otology, Rhinology & Laryngology* 2014;123(11):778-785

75. Merrill, R. M., Sloan, A. A. Effectiveness of a health promotion program among employees in a western United States school district. *Journal of Occupational and Environmental Medicine* 2014;56(6):639-644.
76. Crookston BT Merrill RM, Hedges S, Lister C, West JH, Hall PC. Victimization of Peruvian adolescents and health risk behaviors: Young Lives Cohort. *BMC Public Health* 2014;14:85.
77. Merrill, R. M., Sloan, A. A. Associations between the use of antidepressants and other medications. *Open Journal of Depression* 2014;3(1):24-31.
78. Fabian, L., Thygerson, S. M., Merrill, R. M. Boarding injuries: the long and short of it. *Emergency Medicine International* 2014;924381.
79. Merrill, R. M., Merrill, J. G. Improving health through an accountability-based worksite telephonic health coaching program. *International Journal of Workplace Health Management* 2014;7(2):74-88.
80. Sloan, A., Merrill, R. M., Merrill, J. G. Gender distribution of the Church of Jesus Christ of Latter-day Saints worldwide. *BYU Studies* 2014;51(1):141-151.
81. Thygerson, S. West, J, Merrill, R. M. Field comparison of two sampling methods for triglycidyl isocyanurate. *Open Journal of Safety Science and Technology* 2013;3(4).
82. Hill-Mey, P. E., Merrill, R. M., Kumpfer, K. L., Reel, J., Hyatt-Neville, B. A Focus group assessment to determine motivations, barriers and effectiveness of a university-based worksite wellness program. *Health Promotion Perspectives* 2013;3(2):154-164.
83. Merrill, R. M., Hedin, R. J., Fondario, A., Sloan, A. A., Hanson, C. L. Drug poisoning deaths according to ethnicity in Utah. *Journal of Addiction* 2013. Article ID 380161, 6 pages.
84. Merrill, R. M., Sloan, A. A. Drug combinations contributing to death according to mental illness status. *Mental Health and Substance Use* 2013, <http://www.tandfonline.com/doi/abs/10.1080/17523281.2013.841748>.
85. Merrill, R. M., Harris, J. D, Merrill, J. G. Differences in incidence rates and early detection of cancer among non-Hispanic and Hispanic whites in the United States. *Ethnicity and Disease* 2013;23(3):349-355.
86. Peterson, E., Roy, N., Awan, S., Merrill, R. M., Banks, R., Tanner, K. Toward validation of the cepstral spectral index of dysphonia. *Journal of Voice* 2013;27(4):401-410.

87. Tanner, K., Roy, N., Merrill, R. M., Kendall, K., Miller, K. L., Clegg, D. O., Heller, A., Houtz, D. R., Elstad, M. Comparing nebulized water versus saline after laryngeal desiccation challenge in Sjögren's syndrome. *Laryngoscope* 2013;123(11):2787-2792.
88. Merrill, R. M., Lyon, J. L., Matiaco, P. M. Tardive and spontaneous dyskinesia incidence in the general population. *BMC Psychiatry* 2013;13(1):152.
89. Anderson, A. E., Henry, K. A., Samaddar, J., Merrill, R. M., Kinney, A. Y. Rural vs urban residence affects risk-appropriate colorectal cancer screening. *Clinical Gastroenterology and Hepatology* 2013;11(5):526-533.
90. Merrill, R. M., Tanner, K., Merrill, J. G., McCord, M. D., Beardsley, M. M., Steele, B. A. Voice symptoms and voice-related quality of life in college students. *Annals of Otolaryngology, Rhinology & Laryngology*. 2013;122(8):511-519.
91. Merrill, R. M., Roy, N., Lowe, J. Voice-related symptoms and their effects on quality of life. *Annals of Otolaryngology, Rhinology & Laryngology* 2013;122(6):404-411.
92. Merrill, R. M., Aldana, S. G., Pope, J. E., Anderson, D. R., Coberley, C. R., Grossmeier, J. J., Whitmer, R. W. Self-rated job performance and absenteeism according to employee engagement, health behaviors, and physical health. *Journal of Occupational and Environmental Medicine* 2013;55(1):10-18.
93. Merrill, R. M., Hull, J. D. Factors associated with participation in and benefits of a worksite wellness program. *Population Health Management* 2013;16(4):221-226.
94. Johnson, E. M., Lanier, W. A., Merrill, R. M., Crook, J., Porucznik, C. A., Rolfs, R. T., Sauer, B. Unintentional prescription opioid-related overdose deaths as described by next of kin or best contact, Utah, 2008-2009. *Journal of General Internal Medicine* 2013;28(4):522-529.
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## **B. Peer-Reviewed Abstracts and Proceedings**

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  42. Feland, J. B., Myrer, J. W., Merrill, R. M. PNF vs static stretch acute responses in hamstring flexibility of senior athletes. *Medicine and Science in Sports and Exercise*. May 2001; 33(5) Abstract No. 50.
  43. Neiger, B. L., Barnes, M. D., Murphy, R. L., Merrill, R. M., Giles, R. T., Chalkley, C. M. Measuring the effect of a tobacco media campaign among children and adolescents. American Public Health Association 128<sup>th</sup> Annual Meeting, Boston, November 12-16, 2000, pp. 55-56.
  44. Merrill, R. M., Lyon, J. L., Wiggins, C. Cross-sectionally derived hysterectomy prevalence for correcting uterine and ovarian cancer incidence rates and probabilities. The American College of Epidemiology Annual Scientific Session, Atlanta, September 23-26, 2000. *Annals of Epidemiology* 2000;10:464.
  45. Merrill, R. M., Feuer, E. J. Five methods for estimating cancer prevalence in the United States with emphasis on one of these methods. American Statistical Association 1999 Proceedings of the Biopharmaceutical Section, pp. 121-5.
  46. Hanks, W. A., Barnes, M. D., Merrill, R. M., Neiger, B. L. Technology use in health education today and in the future. Abstracts and Proceedings from 50<sup>th</sup> Annual Meeting, The Society for Public Health Education 1999, p. 23.
  47. Aziz, N. M., Merrill, R., Trimble, E. Differences in surgical and radiation therapy for invasive carcinoma of the cervix among African-American and white patients. The American College of Epidemiology Annual Scientific Session, Boston, September 22-23, 1997. *Annals of Epidemiology* 1998;8:128-9.

### **C. Other Publications**

1. Merrill, R. M. *Principles and Applications of Biostatistics*. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2022.

2. Merrill, R. M. Introduction to Epidemiology, Eighth Edition. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2020.
3. Merrill, R. M. Fundamental Mathematics for Epidemiology Study. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2020.
4. Merrill, R. M. Introduction to Epidemiology, Seventh Edition. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2017.
5. Merrill, R. M., Frandenfeld, C. L., Mink, M., Freeborne, N. Behavioral Epidemiology: Principles and Applications. Burlington, Massachusetts: Jones and Bartlett Learning; 2015.
6. Merrill, R. M. Statistical Methods in Epidemiologic Research. Burlington, Massachusetts: Jones and Bartlett Learning; 2015.
7. Merrill, R. M. Introduction to Epidemiology, Sixth Edition. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2013.
8. Stang, A., Merrill, R.M., Kuss, O. Correspondence (reply): In Reply. Dtsch Arztebl Int. 2012;109(9):159-160.
9. Merrill, R. M. Introduction to Epidemiology Workbook. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2011.
10. Merrill, R. M. Reproductive Epidemiology: Principles and Methods. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2010.
11. Merrill, R. M. Introduction to Epidemiology, Fifth Edition. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2010.
12. Merrill, R. M. Environmental Epidemiology: Principles and Methods. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2008.
13. Merrill, R. M. Understanding and preventing carcinoma of the colon and rectum. BYU Wellness Program Newsletter: Y's Choices; July, 2007.
14. Blomgren, M., Roy, N., Callister, T., & Merrill, R. M. Assessing stuttering treatment without assessing stuttering? A response to Reitzes and Snyder. Journal of Speech, Language, and Hearing Research 2006;49(6):1423-6.
15. Blomgren, M., Roy, N., Callister, T., & Merrill, R. M. Treatment outcomes research: a Response to Ryan. Journal of Speech, Language, and Hearing Research 2006;49(6):1415-9.

16. Merrill, R. M. Consumer Health: Health 370. Brigham Young University Independent Study Course (2 credit hours); August, 2006.
17. Merrill, R. M. Health and the Aging Process: Health 466. Brigham Young University Independent Study Course (2 credit hours); September 2006.
18. Merrill, R. M. Principles of Epidemiology: Health 375. Brigham Young University Independent Study Course (3 credit hours); December 2006.
19. Merrill, R. M., Timmreck, T. C. An Introduction to Epidemiology, fourth edition. Sudbury, Massachusetts: Jones and Bartlett Publishers; 2005.
20. Merrill, R. M. Chapter 12. Understanding and preventing cancer. In Aldana, S. G, George, J. D. Fitness and Lifestyle Management. BYU Press; 2004.
21. Bahr, S., Merrill, R. M. Chapter 6. The health and happiness of Mormons. In Heaton, T., Jacobson, C., Bahr, S. The health, wealth, and social life of Mormons. Lewiston, New York: Mellen; 2004.
22. Merrill, R. M. (Book review) Cancer precursors. Epidemiology, detection, and prevention. Eduardo L. Franco and Thomas E. Rohan Editors. American Journal of Epidemiology 2002;156(3):292-293.
23. Merrill, R. M. Epidemiology for cancer prevention. Bridges Winter 2002. Available at <http://kennedy.byu.edu/bridges/archives/02winonline/cancer.html>
24. Legler, J. M., Ries, L. A., Merrill, R. M., Warren, J., Heineman, E, Kaplan, R., Linet, M. Response to Segal. Journal of the National Cancer Institute 2000;92:77.
25. Merrill, R. M. Principles of Epidemiology: Health 478. Brigham Young University Independent Study Course (3 credit hours); October 15, 1999.
26. Stephenson, R. A., Merrill, R. M. Prostate cancer trends from the SEER database. American Urological Association (AUA) News 1999;4:23,36.
27. Merrill, R. M. Prevalence. Web page on prevalence for the National Cancer Institute. April 21, 1999. Available at <http://www.dccps.ims.nci.nih.gov/ARB/Prevalence/>.
28. Merrill, R. M. Trends in prostate cancer incidence and surgery. (Stat Bite) Journal of the National Cancer Institute 1996;88:403.
29. Merrill, R. M. Corpus uteri cancer rates and trends. (Stat Bite) Journal of the National Cancer Institute 1996;88:1019.

30. Merrill, R. M. Trends in prostate cancer incidence rates. (Stat Bite) Journal of the National Cancer Institute 1996;88:1617.

#### **D. Peer-Reviewed Presentations**

1. Merrill, R. M. Within- and cross-mental health disorder correlations in husband-and-wife pairs. (March, 2023) American Academy of Health Behavior Scientific Conference. San Francisco, CA
2. Merrill, R. M., Merrill, A. W., Madsen, M. Attention deficit hyperactivity disorder and co-mental health problems associated with increased risk of injury. (March, 2023) American Academy of Health Behavior Scientific Conference. San Francisco, CA
3. Hanson, C. L., Merrill, R. M. A formative evaluation of an adolescent online e-cigarette prevention program. (March, 2023) American Academy of Health Behavior Scientific Conference. San Francisco, CA
4. Merrill, R. M., Smith, A., Schenk, C. C. Mental health of families with autism spectrum disorder: A systematic review. (March, 2023) American Academy of Health Behavior Scientific Conference. San Francisco, CA
5. Otto, S. A., Merrill R. M. Prostate-specific antigen screening according to health professional counseling and age in the United States. (March 2022). Russel M. Clark Gerontology Conference, Brigham Young University, Provo, Utah. (Poster Award)
6. Otto, S. A., Merrill R. M. Prostate-specific antigen screening according to health professional counseling and age in the United States. (April 2022). Fulton Conference, Brigham Young University, Provo, Utah. (Poster Award)
7. Otto, S. A. Merrill, R. M. Prostate-specific antigen screening according to health professional counseling and age in the United States. (April 2022). Library/Life Sciences Undergraduate Poster Competition 2022. 61. [https://scholarsarchive.byu.edu/library\\_studentposters\\_2022/61](https://scholarsarchive.byu.edu/library_studentposters_2022/61)
8. Robbison, H., Pang, C., Bake, M., Tanner, K., Dromey, C., Merrill, R. M., Christensen, M. B. Aerodynamic measurement in rabbit vocal folds treated with inhaled corticosteroids. (November 2021). American Speech-Language-Hearing Association (ASHA) Conference. Washington, D.C.
9. Bake M., Stevens M., Merrill, R.M., Dromey, C., Christensen, M. B., Tanner, K. (November 2021). Aerodynamic measurement stability in excised rabbit larynges following asthma inhaler treatment versus controls. American Speech-Language-Hearing Association (ASHA) Conference. Washington, D.C.

10. Merrill, R. M., Fowers, R. (December 2020). Sex, age, and BMI are associated with medical and pharmacy costs in a large school district in the United States. Society for Epidemiologic Research Conference. Virtual conference.
11. Merrill, R. M. (October 2020). Explaining the inverse association between altitude living and obesity. Annual meeting of the American Public Health Association. Virtual conference.
12. Merrill, R. M., Roy, N., Pierce, J., Sundar, K. M. (September 2020). Voice, Cough, and Diurnal Dyspnea Problems and Quality of Life in Obstructive Sleep Apnea Patients. Annual meeting of the American College of Epidemiology. Virtual conference.
13. Pierce, J., Tanner, K., Merrill, R. M., Shnowske, L. E., Roy, N. (October 2020). A Field-based Approach to Acoustic Normative Data for Female Voices. The Fall Voice Conference.
14. Merrill, R. M. (September 2019). Ecological evidence for lower risk of lymphoma with greater exposure to sunlight and higher altitude. (Keynote Speaker). 11<sup>th</sup> International Conference on Epidemiology and Public Health. Copenhagen, Denmark.
15. Merrill, R. M. (September 2018). Prescription claims according to wellness program participation for a large employer in the United States. (Keynote Speaker). 8<sup>th</sup> International Conference on Epidemiology and Public Health. Rome, Italy.
16. Frutos, E., Merrill, R. M. (November 2017). Exploring the impact of environmental factors on mortality from Alzheimer's, Parkinson's, and dementia in the United States. American Public Health Association Conference, Atlanta, GA.
17. Frutos, E., Sloan, C., Merrill, R. M. (November 2017). Modeling the effects of atmospheric pressure on suicide rates in the USA through geographically weighted regression. American Public Health Association Conference, Atlanta, GA.
18. Merrill, R. M., Frutos, E. (November 2017). Modeling the effects of environmental risk factors on cancer mortality in the USA through geographically weighted regression. American Public Health Association Conference, Atlanta, GA.
19. Merrill, R. M., Frutos, E. (November 2017). Impact of atmospheric pressure and sun exposure on heart disease and cerebrovascular disease mortality rates in the United States. American Public Health Association Conference, Atlanta, GA.

20. Merrill, R. M. (October 2017). Conditional survival among female breast cancer patients in the United States (Keynote Speaker). 6<sup>th</sup> International Conference on Epidemiology and Public Health. Paris, France.
21. Lee, J. M., Roy, N, Peterson, E, Merrill, R. M. (June 2017). Comparison of two acoustic indices of dysphonia severity: the AVQI and CSID. The 46<sup>th</sup> Annual Symposium: Care of the Professional Voice. Philadelphia, PA. (Best Student Presentation Award.)
22. Merrill, R. M. (September 2016). Do worksite wellness programs work? Medical cost analysis of a school district worksite wellness program (Keynote Speaker). 7<sup>th</sup> World Congress on Healthcare and Technologies. London, UK.
23. Dalisay, R. A., Merrill, R. M. (June 2016). Conditional breast cancer survival in the United States. Society for Epidemiologic Research Conference, Miami, FL.
24. Dalisay, R. A., Merrill, R. M., Dayton, N. (June 2016). Conditional colon cancer survival in the United States. Society for Epidemiologic Research Conference, Miami, FL.
25. Harding, M. C., Sloan, C. D. Merrill, R. M., Harding, T. M., Thacker, B. J., Thacker, E. L. (March 2016). *Transition from cardiovascular disease to cancer as the leading cause of death in the United States, 1999-2013*. American Heart Association Conference, Phoenix, AZ.
26. Magnusson, B. M., Davis, S., Van Wagenen, S. A., Thackeray, C., Richards, R., Merrill, R. M. (October 2016). Perceptions of public breastfeeding among an internet panel of U.S. males 21-44 years. Poster Presentation. American Public Health Association Annual Meeting, Denver, CO.
27. Fabian, L A., Merrill, R. M., Thygerson, S. (September, 2015). *Boarding injuries*. 2<sup>nd</sup> Annual Excellence in Trauma and Critical Care. Salk Lake City, UT.
28. Dalisay, R. A., Merrill, R. M. (June, 2015). *Protective environments against psychological distress, depression, and suicide in youth*. Society for Epidemiologic Research Conference, Denver, CO.
29. Dayton, N. A., Merrill, R. M., Hanson, C. L. (June, 2015). *Protective factors associated with bullying victimization and psychiatric distress among adolescents in selected environments*. Society for Epidemiologic Research Conference, Denver, CO.
30. Haynie, D. G., Merrill, R. M. (June, 2015). *Use of marijuana and changing risk perceptions*. Society for Epidemiologic Research Conference, Denver, CO.

31. Haynie, D. G., Merrill, R. M. (June, 2015). *School environments protective against marijuana use*. Society for Epidemiologic Research Conference, Denver, CO.
32. Tanner, K. M., Nissen, S. L., Merrill, R. M., Miner, A., Channell, R. W., Miller, K. L., Elstad, M. R., Kendall, K. A., Roy, N. (2015). *Nebulized isotonic saline improves voice production in Sjögren's Syndrome*. American Laryngological Association. Boston, MA.
33. Pierce, J. L., Tanner, K. M., Merrill, R. M., Miller, K. L., Ambati, B. K., Kendall, K. A., Roy, N. (2015). *Voice disorders in Sjögren's syndrome: Prevalence and related risk factors*. American Laryngological Association. Boston, MA.
34. Palmer, C., Merrill, R. M. (June, 2014). *Risk of having attention deficit hyperactivity disorder and comorbid mental illness*. Society for Epidemiologic Research Conference, Seattle, WA.
35. Bowen, E., Merrill, R. M. (June, 2014). *Factors that motivate increased physical activity/exercise*. Society for Epidemiologic Research Conference, Seattle, WA.
36. Merrill, R. M., Sloan, A. A. (June, 2014). *Associations between the use of antidepressants and other medications in Utah*. Society for Epidemiologic Research Conference, Seattle, WA.
37. Merrill, R. M., Sloan, A. A. (June, 2014). *Effectiveness of a health promotion program among employees in a western United States School District*. Society for Epidemiologic Research Conference, Seattle, WA.
38. Cannon, B., Merrill, R. M., Sloan, A. A. (June, 2014). *Second Malignant Neoplasms in Survivors of Childhood Cancer*. Society for Epidemiologic Research Conference, Seattle, WA.
39. Miner, A., Tanner, K., Nissen, S. L., Merrill, R. M., Miller, K. L., Lovett, V., Channell, R. W., Elstad, M., Kendall, K. A., & Roy, N. (November, 2014) *Quantifying the long-term effects of nebulized saline on voice production in Sjogren's Syndrome*. ASHA Annual Convention, Orlando, FL. Received meritorious honors.
40. Matson, E, Merrill, R. (February, 2014). *Subsequent primary malignancies in survivors of childhood cancer*. Utah Conference on Undergraduate Research. Brigham Young University, Provo, UT.
41. Tanner, K., Merrill, R. M. (January, 2014). *Auditory-perceptual and patient-based quantification of voice problems*. 10<sup>th</sup> Annual Singing Voice Workshop. The University of Utah, Salt Lake City, UT.
42. Amanda, H., Tanner, K., Roy, N., Nissen, S. L., Merrill, R. M., Miller, K. L., Houtz, D. R., Ellerston, J., Kendall, K. (November 2013). *Acoustic*,

- videostroboscopic, and auditory-perceptual voice and speech characteristics of Sjogren's Syndrome.* ASHA Annual Convention, Chicago, IL.
43. Tanner, K., Roy, N., Merrill, R. M., Kendall, K., Miller, K., Clegg, E., et al. (November 2013). *Comparing nebulized water versus saline after laryngeal desiccation challenge in Sjögren's Syndrome.* ASHA Annual Convention, Chicago, IL. Received meritorious honors.
  44. Brutsch, E., Merrill, R. M., Thygerson, S. M. (November 2013). *Burn injury, psychiatric disorder, and physical health problems: Predisposing factors and temporal relationships.* American Public Health Conference, Boston, MA.
  45. Thygerson, S. M., Fabian, L., Merrill, R. M. (November 2013). *Boarding injuries: The long and short of it.* American Public Health Conference, Boston, MA.
  46. Hedin, R. J., Merrill, R. M., Fondario, A. (2013, March). *Drug overdose deaths and mental illness across the age span.* American Academy of Health Behavior Scientific Conference. Santa Fe, NM.
  47. Merrill, R. M., Reed, M., Lyon, J. L. (2012, June). *Self-reported depression and hospitalization for depression in Utah compared with the United States: 1997-2008.* Society for Epidemiologic Research Conference, Minneapolis, MN.
  48. Merrill, R. M. (2012, June). *Presenteeism according to healthy behaviors, physical health, and work environment.* Society for Epidemiologic Research Conference, Minneapolis, MN.
  49. Merrill, R. M., Hull, J. D. (2012, June). *Factors associated with participation in and benefits of a worksite wellness program.* Society for Epidemiologic Research Conference, Minneapolis, MN.
  50. Matiaco, P. Lyon, J. L., Merrill, R. M. (2012, June). *Tardive Dyskinesia incidence in a non-institutionalized population and in subgroups of diabetics and users of metoclopramide.* Society for Epidemiologic Research Conference, Minneapolis, MN.
  51. Tanner, K., Roy, N., Merrill, R. M., et al., (2012, April). *Case-control study of risk factors for spasmodic dysphonia: A comparison with other voice disorders.* American Laryngological Association Conference, San Diego, CA.
  52. Anderson, A. E., Henry, K. A., Merrill, R. M., Kinney, A. Y. (2012, March). *Geographical determinants of risk-appropriate colorectal cancer screening uptake.* American Society of Preventive Oncology Conference, Washington, DC.
  53. Thomas, A., Thygerson S., Merrill, R. M. Cook, L. (2011, November). *Identifying work-related motor vehicle crashes in multiple data sources.* American Public Health Conference, Washington, DC.

54. Anderson, A., Merrill, R. M., Sloan, A., Ryker, K. (2011, June). *Unknown stage cancer in the United States: A population-based study*. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
55. Anderson, A., Merrill, R. M. (2011, June). Evaluation of a small business worksite wellness program. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
56. Merrill, R. M., Sloan, A., Johnson, E. (2011, June). *Comparing characteristics of unintentional, non-illicit and illicit drug overdose deaths: Utah 2008-2009*. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
57. Merrill, R. M., Sloan, A. (2011, June). *Risk-adjusted breast cancer incidence rates*. Spotlight Session. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
58. Matiaco, P., Merrill, R. M., Aldana, S. G., Garrett, J. G., Ross, C. (2011, June). Financial incentive for promoting good-health behaviors in the workplace. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
59. Merrill, R. M., Matiaco, P., Steffen, P. A (2011, June). *A comparison of religious orientation and health between Whites and Hispanics*. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
60. Calvert, J., Merrill, R. M., Richards, R., Sloan, A. (2011, June). *Prenatal maternal stress and physical abuse among homeless women and infant health outcomes in the United States*. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
61. Calvert, J., Merrill, R. M., Pace, N. D., Elison, A. N. (2011, June). *Cutaneous malignant melanoma among White Hispanics and non- Hispanics in the United States*. Third North American Congress of Epidemiology Montreal, Quebec, Canada.
62. Merrill, R. M., Hunter, B. (2010, November). *Conditional survival among cancer patients in the United States*. American Public Health Conference, Denver, Colorado.
63. Thygerson, S. Merrill, R. M., Cook, L., Thomas, A. (2010, November). *Comparison of Factors Influencing Emergency Department Visits and Hospitalization among Drivers in Work and Nonwork-related Motor Vehicle Crashes in Utah, 1999-2005*. American Public Health Conference, Denver, Colorado.

64. Crookston B, Dearden K, Alder S, Merrill R, Dickerson T, Stanford J, Porucznik C, Penny M. (2010, June). *Children who recover from early stunting and children who are well-nourished demonstrate similar levels of cognition*. Experimental Biology Annual Meeting, Anaheim, California.
65. Tanner, K., Roy, N., Merrill, R., et al. (2010, June). *Nebulized Isotonic saline versus water in classical sopranos following laryngeal*. The Voice Foundation's 39<sup>th</sup> Annual Symposium: Care of the Professional Voice. Philadelphia, Pennsylvania.
66. Tanner, K., Roy, N., Merrill, R., et al. (2010, June). *Desiccation risk and protective factors for spasmodic dysphonia: a case-control investigation (M4)*. The Voice Foundation's 39<sup>th</sup> Annual Symposium: Care of the Professional Voice. Philadelphia, Pennsylvania.
67. Thygerson, S. M., Merrill, R. M., West, J. H. (2010, May). *Field comparison of two sampling methods for triglycidyl isocyanurate*. American Industrial Hygiene Conference and Exposition. Denver, Colorado.
68. Merrill, R. M., Hyatt, B. (2010, February). *Longitudinal outcomes of a comprehensive, incentivized worksite wellness program*. Poster presentation at the American Academy of Health Behavior, Clearwater Beach, Florida.
69. Merrill, R. M. (2010, February). *Telephonic weight management health coaching*. Poster presentation at the American Academy of Health Behavior, Clearwater Beach, Florida.
70. Castleton, R. A., Lindsay, G., Merrill, R. M. (2009, November) *Sectors of the Russian economy that would benefit from reduced tobacco use*. Poster presentation at the American Public Health Association Conference, Washington, D. C.
71. Richards, R., Merrill, R., Baksh, L., McGarry, J. (2009, July). *Maternal nutrition-related behaviors and infant health outcomes according to homeless and WIC participation status from 31 PRAMS states/cities*. Poster presentation at the Society for Nutrition Education (SNE) Conference, New Orleans, LA.
72. Lindsay, R., Merrill, R. M., Njord, L. (2009, June). *Sexually active street children in the Philippines*. Oral presentation at the 42<sup>nd</sup> Society for Epidemiologic Research meeting, Anaheim, California.
73. Thygerson, S. M., Cook, L. J., Merrill, R. M., Burbidge, S., Morey, E. L. (2009, February). *Utah crash outcome data evaluation system (CODES): a potential tool for evaluation of work-related motor vehicle crashes*. International Conference on Road Safety at Work. Washington, D.C.

74. Njord, L., Merrill, R. M., Njord, R., Read, C., Pachano, J. D. R. (2008, December). *The effect of family influence on indicators associated with street life: A Study with Filipino street children*. Poster presentation at the Royal Society of Tropical Medicine, London.
75. Njord, L., Merrill, R. M., Njord, R., Lindsay, R., Pachano, J. D. R. (2008, December). *Drug use among street children and non-street children in the Philippines*. Oral presentation at the Royal Society of Tropical Medicine and Hygiene, London.
76. Lindsay, R., Njord, L., Merrill, R. M., Page, R., Njord, R. *A descriptive assessment of sexually active street children in the Philippines*. (2008, December). Poster presentation at the Royal Society of Tropical Medicine and Hygiene, London.
77. Merrill, R. M., Gagon, H., Harmon, T. (2008, September). *Smoking prevalence, attitudes, and perceived smoking prevention and control responsibilities and practices among nurses in Belgrade, Serbia*. Poster presentation at the American College of Epidemiology Annual Meeting, Tucson, Arizona.
78. Merrill, R. M., Harmon, T., Gagon, H. (2008, September). *Smoking prevalence, attitudes, and perceived smoking prevention and control responsibilities and practices among physicians in Belgrade, Serbia*. Poster presentation at the American College of Epidemiology Annual Meeting, Tucson, Arizona.
79. Kelley, T., Merrill, R., Cox, E., Layman, A., Lindsay, R. (2008, June). *Understanding why people avoid the flu shot*. Oral presentation at the 41<sup>st</sup> Society for Epidemiologic Research meeting, Chicago, Illinois.
80. Lyon, J. L., Ramkumar, N. Merrill, R., Gren, L. (2008, June). *Incidence rates of injuries in attention deficit hyperactivity disorder*. Poster presentation at the 41<sup>st</sup> Society for Epidemiologic Research meeting, Chicago, Illinois.
81. Feland, J. B., Morris, B., Villamonte, R., Hager, R., Merrill, R. M. (2008, May). *Assessment of activity level in senior athletes and performance on the sit-to-stand test*. American College of Sports Medicine National Meeting, Indianapolis, Indiana.
82. Villamonte, R., Feland, J. B., Merrill, R. M., Hager, R. (2008, May). *Comparison of age and gender on the sit-to-stand transfer in senior athletes*. American College of Sports Medicine National Meeting, Indianapolis, Indiana.
83. Njord, L., Merrill, R. M., Njord, R. (2008, April). *Infectious disease distributions among street children in the Philippines*. 2008 Global Mother, Newborn, Child Health (MNCH) Conference, Brigham Young University, Provo, Utah.

84. Merrill, R. M. (2008, March). *Reducing depression by improving daily nutrient intake from food*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
85. Merrill, R. M. (2008, March). *Improving depression and quality of life through the CHIP intervention*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
86. Merrill, R. M. (2008, March). *The effect of a therapeutic lifestyle change program on bone metabolism*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
87. Merrill, R. M. (2008, March). *C-reactive protein levels according to physical activity and body weight for participants in the coronary health improvement project*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
88. Norjd, L., Merrill, R. M. (2008, March). *Characterizing the health of street children in the Philippines*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
89. Read, C. Merrill, R. M. (2008, March). *Lower stress among college students with higher religiosity*. Poster presentation at the American Academy of Health Behavior, Oxnard, California.
90. Cox, E. E., Merrill, R. M., Madanat, H. (2008, February). *Smoking prevalence and perceived effectiveness of smoking policy and counseling patients about smoking among medical students in Amman, Jordan*. Oral presentation at the Utah Conference on Undergraduate Research at Utah Valley State College, Utah.
91. Lindsay, G. B., Merrill, R. M., Owens, A. B. (2007, November). *A content analysis of alcohol industry and non-industry underage drinking parenting manuals*. Poster presentation at the American Public Health Association (APHA) in Washington, D. C.
92. Roy, N., Stemple, J., Merrill, R. M., Thomas, L. (2007, November). *Epidemiology of voice disorders in the elderly: preliminary findings*. Poster presentation at the American Speech-Language-Hearing Association (ASHA) Convention, Boston, Massachusetts.
93. Merrill, R. M., Lyon, J., Gren, L., Baker, G., White, G. (2007, June). *Exploring the extent of cancer health care claims that result in cancer treatment in a population aged less than 65 years*. Poster presentation at the 40<sup>th</sup> Society for Epidemiologic Research (SER) meeting, Boston, Massachusetts.

94. Merrill, R. M., Madanat, H., Layton, J., Madsen, C. (2007, June). *Smoking prevalence, attitudes, and perceived smoking prevention and control responsibilities and behaviors among physicians in Jordan*. Poster presentation at the 40<sup>th</sup> Society for Epidemiologic Research meeting, Boston, Massachusetts.
95. Merrill, R. M., Madanat, H., Cox, E. (2007, June). *Smoking prevalence and perceived effectiveness of smoking policy and counseling patients about smoking among medical students in Amman, Jordan*. Poster presentation at the 40<sup>th</sup> Society for Epidemiologic Research meeting, Boston, Massachusetts.
96. Merrill, R. M., Madanat, H., Kelley, A. T. (2007, June). *Smoking prevalence, attitudes, and perceived smoking prevention and control responsibilities and practices among nurses in Amman, Jordan*. Poster presentation at the 40<sup>th</sup> Society for Epidemiologic Research meeting, Boston, Massachusetts.
97. Merrill, R. M., Layman, A. (2007, June). *Corrected hysterectomy rates in the United States*. Poster presentation at the 40<sup>th</sup> Society for Epidemiologic Research meeting, Boston, Massachusetts.
98. Houtz, D. E., Roy, N., Merrill, R. M., Smith, M. E. (2007, March). *Muscle tension dysphonia versus adductor spasmodic dysphonia: Exploring the value of spectral moments of the Long-term Average Spectrum (LTAS) in differential diagnosis*. Poster presentation, The Utah State Speech and Hearing Association (USHA) Convention, Ogden, Utah.
99. Merrill, R. M. (2006, June). *Impact of risk correction on race-specific rates of corpus uterine, uterine cervix, and ovariance cancers in the United States*. Poster presentation at the 2<sup>nd</sup> North American Congress of Epidemiology, Seattle, Washington.
100. Merrill, R. M. (2006, March). *Has the focus and sophistication of research in health education changed?* Poster presentation at the American Academy of Health Behavior, Carmel, California.
101. Aldana, S., Greenlaw, R. L., Diehl, H., Salberg, A., Merrill, R. M., Ohmine, S. (2005, October). *Preventing chronic diseases with lifestyle change: a randomized clinical trial*. Oral presentation at the 3<sup>rd</sup> National Prevention Summit Innovations in Community Prevention, Washington, D.C.
102. Merrill, R. M., Brown, J., Byrd, A., Alder, S., Baker, R., White, G., Lyon, J. (2005, June). *Risk of anxiety and depressive disorders in children and the parents of children undergoing cancer work-up or treatment*. Poster presentation at the annual meeting of the Society for Epidemiologic Research, Toronto, Canada.
103. Merrill, R. M., Lyon, J. L., Byrd, A. D., Brown, J. White, G. L., Alder, S. C. (2005, March). *Risk of anxiety and depressive disorders in children and the*

*parents of children undergoing cancer work-up or treatment.* Invited oral presentation at the Association of Mormon Counselors and Psychotherapists (AMCAP) Conference, Salt Lake City, Utah.

104. Merrill, R. M. (2004, June). *Hepatitis B seroprevalence by WHO region.* Poster presentation at the annual meeting of the Society for Epidemiologic Research, Salt Lake City, Utah.
105. Merrill, R. M. (2004, April). *Identifying factors that motivate a physically active lifestyle among participants at the World Senior Games.* Oral presentation at the World Federation of Public Health Associations' 10<sup>th</sup> International Congress on Public Health, Brighton, United Kingdom.
106. Merrill, R. M. (2004, April). *Identifying factors that motivate a healthy diet among participants at the World Senior Games.* Poster presentation at the World Federation of Public Health Associations' 10<sup>th</sup> International Congress on Public Health, Brighton, United Kingdom.
107. Dearden, K. A., Knight, K. L., Marsh, D. R., Schroeder, D. G., Pachón, H., Quy, N. K., Merrill, R. M. (2003, December). *Does program quality affect nutritional status? A process evaluation of an integrated nutrition project in Viet Nam.* 10<sup>th</sup> Asian Conference on Diarrheal Diseases and Nutrition, Dhaka, Bangladesh.
108. Roy, N., Merrill, R. M., Thibeault, S., Gray, S. D., Smith, E. M. (2003, October). *Prevalence of voice problems in teachers and the general population.* American Speech Hearing Association (ASHA) Annual Convention, Chicago, Illinois.
109. Roy, N., Merrill, R. M., Thibeault, S., Gray, S. D., Smith, E. M. (2003, October). *Voice-related work disruption in teachers and the general population.* ASHA Annual Convention, Chicago, Illinois.
110. Thibeault, S., Merrill, R. M., Roy, N., Gray, S. D., Smith, E. M. (2003, October). *Correlates of voice problems among teachers.* ASHA Annual Convention, Chicago, Illinois.
111. Merrill, R. M. (2003, June). *Racial and ethnic disparities in satisfaction with health care providers in the United States.* Poster presentation at the annual meeting of the Society for Epidemiologic Research 2003 in Atlanta, Georgia.
112. Merrill, R. M. (2003, June). *Prostate cancer survival according to religion and religiosity in Utah.* Oral presentation at the Hawaii International Conference on Statistics and Related Fields in Honolulu, Hawaii.
113. Merrill, R. M. (2003, June). *Impact of the LDS church's health doctrine on deaths from diseases and conditions attributed to cigarette smoking.* Oral

presentation at the Hawaii International Conference on Statistics and Related Fields in Honolulu, Hawaii.

114. Christensen, M., Merrill, R. M. (2002, November). *Assessing the impact of breast cancer risk factors on women in Utah*. Poster presentation at the American Public Health Conference in Philadelphia, Pennsylvania.
115. Merrill R. M., Sasco A. J. (2002, November). *Trends in alcohol drinking, drunkenness, and parental attitudes toward drinking among adolescents in Lyon, France*. Poster presentation at the American Public Health Conference in Philadelphia, Pennsylvania.
116. Hill, S. C., Barnes, M. D., Thackeray, R., Merrill, R. M. (2002, October). *Student perceptions of school violence: implications for coordinated school health programs*. American School Health Association 76<sup>th</sup> Annual National Conference, Charlotte, North Carolina.
117. Merrill, R. M., Hilton S. C., Wiggins, C. L. (2002, September). *Prostate cancer incidence rates after removal of incidentally detected cases among LDS and non-LDS during the era of prostate-specific antigen screening*. Poster presentation at the American College of Epidemiology Annual Scientific Session in Albuquerque, New Mexico.
118. Merrill, R. M., Wiggins, C. L. (2002, September). *Incidental detection of prostate cancer through transurethral resection of the prostate*. Poster presentation at the American College of Epidemiology Annual Scientific Session in Albuquerque, New Mexico.
119. Sasco, A. J., Merrill, R. M. (2002, August). *Illicit drug use in French adolescents*. Oral presentation at the 16<sup>th</sup> IEA World Congress of Epidemiology in Montreal, Canada.
120. Merrill, R. M., Sasco, A. J. (2002, June). *A case-control study assessing the relation between lung cancer and several potential risk factors in Casablanca, Morocco*. Poster presentation at the annual meeting of the Society for Epidemiologic Research, Palm Desert, California.
121. Merrill, R. M., Bird, J. S. (2002, June). *A population-based assessment of the effect of young age on prostate cancer survival*. Poster presentation at the annual meeting of the Society for Epidemiologic Research, Palm Desert, California.
122. Merrill, R. M. (2001, October). *Measuring the cancer burden in the United States with lifetime and age-conditional risk estimates*. Poster presentation at the annual meeting of the American Public Health Association, Atlanta, Georgia.

123. Merrill, R. M. (2001, October). *Prevalence corrected prostate cancer incidence rates and trends*. Oral presentation at the annual meeting of the American Public Health Association, Atlanta, Georgia.
124. Carbine, M. K., Empey, B. N., Merrill, R. M. (2001, October). *Assessment of mycobacterium ulcerans in a village in Ghana*. Poster presentation at the annual meeting of the American Public Health Association, Atlanta, Georgia.
125. Bahr, S. J., Merrill, R. M. (2001, October). *Mormons and Health*. Oral presentation at the Society for the Scientific Study of Religion (SSSR) meetings, Columbus, Ohio.
126. Perego, U., Merrill, R. M. (2001, September). *Age, lifestyle, health risk indicators, and prostate-specific antigen scores in men participating in the World Senior Games*. Oral presentation at the Centers for Disease Control and Prevention Cancer Conference, Atlanta, Georgia.
127. Merrill, R. M. (2000, November). *Prostate cancer prevalence estimates in the United States*. Oral presentation at the annual meeting of the American Public Health Association, Boston, Massachusetts.
128. Neiger, B. L., Barnes, M. D., Murphy, R. L., Merrill, R. M., Giles, R. T., Chalkley, C. M. (2000, November). *Measuring the effect of a tobacco media campaign among children and adolescents*. Poster presentation at the annual meeting of the American Public Health Association, Boston, Massachusetts.
129. Merrill, R. M., Lyon J. L., Wiggins, C. (2000, September). *Cross-sectionally derived hysterectomy prevalence for correcting uterine and ovarian cancer incidence rates and probabilities*. Poster presentation at the annual scientific sessions of the American College of Epidemiology, Atlanta, Georgia.
130. Merrill, R. M., Feuer, E. J. (1999, August). *Five methods for estimating cancer prevalence in the US*. Oral presentation at the annual Joint Statistical Meetings, Baltimore, Maryland.
131. Hanks, W. A., Barnes, M. D., Merrill, R. A., Neiger, B. L. (1999, November). *Technology use in health education today and in the future*. Poster presentation at the annual National Society of Public Health Educators Annual Meeting, Chicago, Illinois.
132. Neiger, B. L., Thackeray, R., Merrill, R. M., Miner, K. M., Larsen, L., & Chalkley, C. M. (1998, November). *Measuring the impact of a social marketing campaign on a health promotion program for public health employees*. Oral presentation at the annual meeting of the American Public Health Association, Washington, D.C.

133. Breen, N., Wesley, M., Merrill, R. M., Johnson, K. (1998, September). *The relationship of socio-economic status and health care access to minimum expected treatment among white and black female breast cancer patients*. Oral presentation at the annual scientific sessions of the American College of Epidemiology Conference, San Francisco, California.
134. Aziz, N., Merrill R. M. (1997, August). *Differences in surgical and radiation therapy for invasive carcinoma of the cervix among African-American and white patients*. Poster presentation at the annual scientific sessions of the American College of Epidemiology Conference, Washington, D.C.
135. Merrill, R. M. (1996, October). *A comparison of lifetime risk estimates of prostate cancer for black and white men*. Poster presentation at the National Institutes of Health Research Festival.
136. Merrill, R. M., Feuer, E. J. (1996, August). *The methodology for deriving lifetime and age-conditional risk estimates*. Oral presentation at the American Statistical Association Conference, Chicago, Illinois.

#### **E. Invited Presentations**

1. Merrill, R. M. (2022, October). What makes for a good life. Mapleton Ready. Mapleton, Utah.
2. Merrill, R. M. (2017, August). Effective student mentoring with secondary data sources. College of Life Sciences Fall Conference Breakout Session, Brigham Young University, Provo, Utah.
3. Merrill, R. M. (2017, June). *Cancer statistics*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
4. Merrill, R. M. (2016, November). *Risk factors for breast cancer*. Women's Services & Resources at Brigham Young University, Provo, Utah.
5. Merrill, R. M. (2016, June). *Cancer statistics*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
6. Merrill, R. M. (2013, February). *Estimating sample size in clinical research*. Westminster College, Salt Lake City, Utah.
7. Merrill, R. M. (2011, October). *Understanding population-based site-specific cancer incidence rates in the United States*. The Cancer Control and Population Sciences Program at the Huntsman Cancer Institute. Salt Lake City, Utah.
8. Merrill, R. M. (2010, May). *Cancer epidemiology I*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.

9. Merrill, R. M. (2010, May). *Cancer epidemiology II*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
10. Thygerson, S., Merrill, R. M. (2009, August). University student employee health and safety. Risk Management and Safety Conference, Provo, Utah.
11. Merrill, R. M. (2008, May). *Cancer statistics*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
12. Merrill, R. M. (2008, January). *Use of health care among senior couples prior to missionary service*. Missionary Department, Church of Jesus Christ of Latter-day Saints. Salt Lake City, Utah.
13. Merrill, R. M. (2007, May). *Cancer epidemiology I*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
14. Merrill, R. M. (2007, May). *Cancer epidemiology II*. Cancer Research Seminar Series at Brigham Young University, Provo, Utah.
15. Merrill, R. M. (2005, January). *Cancer surveillance in Utah*. Huntsman Cancer Institute, Salt Lake City, Utah.
16. Merrill, R. M. (2004, October). *Childhood cancer, anxiety, and depressive disorders*. National Cancer Institute, Cancer Prevention and Control Colloquia Lecture Series, Bethesda, Maryland.
17. Merrill, R. M. (2004, February). *Estimating cancer prevalence in the United States*. Brigham Young University's Lecture Series in Statistics, Provo, Utah.
18. Merrill, R. M. (2003, July). *Prostate cancer epidemiology*. Utah Valley Family Practice Center, Provo, Utah.
19. Merrill, R. M. (2003, February). *Prostate cancer screening*. Department of Nutrition, Dietetics & Food Science, Brigham Young University, Provo, Utah.
20. Merrill, R. M. (2003, January). *Risk factors and screening for prostate cancer in Utah*. Utah Department of Health, Prostate Cancer Guidelines Meeting, Salt Lake City, Utah.
21. Merrill, R. M. (2002, September). *Update on screening for prostate cancer*. The 2<sup>nd</sup> Annual Cancer Conference, Aultman Cancer Center, The Aultman Institute, Canton, Ohio.
22. Merrill, R. M. (2002, February). *Cancer among LDS and non-LDS in Utah*. Brigham Young University's Lecture Series in Statistics, Provo, Utah.

23. Merrill, R. M. (2001, October). *Cancer surveillance in Utah and the United States*. Department of Family and Preventive Medicine, University of Utah College of Medicine. Salt Lake City, Utah.
24. Merrill, R. M. (2000, December). *Changing trends in cancer incidence and mortality rates*. Department of Family and Preventive Medicine, University of Utah College of Medicine. Salt Lake City, Utah.
25. Merrill, R. M. (1999, November). *Cancer risk and burden in Utah*. Department of Family and Preventive Medicine, University of Utah College of Medicine. Salt Lake City, Utah.
26. Merrill, R. M. (1999, March). *An assessment of the impact stage and grade at diagnosis has on prostate cancer mortality*. Department of Family and Preventive Medicine, University of Utah College of Medicine. Salt Lake City, Utah.
27. Merrill, R. M. (1999, February). *Use of life-table methods for guiding public health*. Department of Family and Preventive Medicine, University of Utah College of Medicine. Salt Lake City, Utah.
28. Merrill, R. M. (1998, October). *What you should know about prostate cancer*. World Senior Games, St. George, Utah.
29. Feuer, E. J., Merrill, R. M. (1998, May). *Methods for deriving cancer prevalence estimates based on cohort and cross-sectional SEER data*. Istituto Superiore di Sanita, Rome, Italy.
30. Merrill, R. M., Feuer, E. J. (1996, March). *Correcting for biased cancer prevalence estimates in tumor registries with insufficient years of follow-up*. National Cancer Institute, Bethesda, Maryland.
31. Merrill, R. M. (1996, November). *Toward a clearer definition of lifetime risk estimates*. Brigham Young University's Lecture Series in Statistics, Provo, Utah.
32. Merrill, R. M., Breen, N. (1996, June). *The impact of socio-economic status and health care access on whether minimal expected therapy was received in women identified in the Black/White Cancer Survival Study*. Data Club oral presentation at the National Cancer Institute, Bethesda, Maryland.

## V. EDITORSHIP

### A. Ad hoc reviewer for:

1. American Journal of Epidemiology
2. American Journal of Health Behavior

3. American Journal of Health Promotion
4. American Journal of Obstetrics and Gynecology
5. American Journal of Preventive Medicine
6. Annals of Epidemiology
7. Archives of Internal Medicine
8. Asia-Pacific Journal of Public Health
9. BioMed Central
10. British Journal of Cancer
11. British Medical Journal
12. British Medical Journal Open
13. Canadian Journal of Behavioral Science
14. Cancer
15. Cancer Causes and Control
16. Cancer Detection and Prevention
17. Clinical Colorectal Cancer
18. Clinical Epidemiology
19. Contemporary Clinical Trials
20. Cultural Diversity and Ethnic Minority Psychology
21. Current Psychiatry Reviews
22. Depression & Anxiety
23. Digital Health
24. Disease Management and Health Outcomes
25. Eating and weight Disorders
26. Ethnicity and Disease
27. European Journal of Cancer
28. European Journal of Public Health
29. Gerontology
30. Health Education and Behavior
31. Health Promotion International
32. Health Promotion Practice
33. Health Research Policies and Systems
34. Industrial Health: National Institute of Occupational Safety and Health
35. International Journal of Cancer
36. International Journal of Epidemiology
37. International Journal of Obesity
38. International Journal of the Psychology of Religion
39. JAMA Psychiatry
40. Journal for the Scientific Study of Religion
41. Journal of Aging and Health
42. Journal of Clinical Gastroenterology
43. Journal of Biomedical Research & Environmental Sciences
44. Journal of General and Internal Virology
45. Journal of General Internal Medicine
46. Journal of Health Psychology
47. Journal of Obesity
48. Journal of Public Health Management and Practice

49. Journal of the American College of Nutrition
50. Journal of the American Medical Association
51. Journal of Applied Gerontology
52. Journal of the National Cancer Institute
53. Journal of Women's Health
54. Journal of Urology
55. Mental Health, Religion and Culture
56. Obesity
57. Osteoporosis International
58. Pediatrics
59. Pharmaco Economics
60. PLOS ONE
61. Population Research and Policy Review
62. Preventing Chronic Disease
63. Preventive Medicine
64. Review of Religious Research
65. Scandinavian Journal of Public Health
66. Scientifica
67. Social Behavior and Personality: An International Journal
68. Social Forces
69. The Lancet Psychiatry
70. The Physician and Sports Medicine
71. The Social Science Journal
72. Thrasher Research Fund
73. Utah's Health: An Annual Review
74. Vaccine
75. Value in Health
76. Western Journal of Nursing Research

## **B. Editorial Board**

Hindawi  
Annals of Chronic Diseases  
American Journal of Health Behavior  
Cancer Reports  
Current Updates in Aging  
Diabetes, Metabolic Syndrome and Obesity  
World Journal of Methodology

## **VI. RESEARCH AWARDS**

1. Strengthening Families Program Online for Teens & Parents (\$1,000,000). National Institutes of Health. Role: Co-PI. 2R44DA046238 - 02A1. 2022-2023, 2022-2024.

2. Pathophysiology of Voice Disorders due to Combination Inhaled Corticosteroids in Asthma (\$2,581,669). National Institutes of Health. Role: Co-PI. 2018-2023.
3. Religious Community and the Hispanic Paradox: A Theological Model of Why Mexican Immigrants Have Better Health than Americans (\$200,000). Duke Center for Spirituality, Theology, and Health. Role: Consultant. 2008-2010.
4. Drug Use among Street Children in the Philippines. Funded (\$6,000) by the College of Health and Human Performance, Mary Lou Fulton Endowment, 2006.
5. Characterizing the Health of Street Children in the Philippines. Funded (\$5,500) by the College of Health and Human Performance, Mary Lou Fulton Endowment, 2006.
6. Tobacco Cessation Program at the University of Jordan. Funded (\$5,400) by the College of Health and Human Performance, Mary Lou Fulton Endowment, 2006.
7. Tobacco Use Knowledge, Attitudes, and Behaviors among Jordanian healthcare providers. Funded (\$18,000) by Brigham Young University Environments for Mentoring Grants, 2006.
8. ORCA Graduate Mentoring Grant for Tobacco and HIV studies in Amman, Jordan. Funded (\$4,000) by Brigham Young University, Associate Academic Vice President for Research and Graduate Studies, 2006.
9. Breastfeeding Practices and Educational Intervention among Iraqi Refugees in Jordan. Funded (\$5,400) the College of Health and Human Performance, Mary Lou Fulton Endowment, 2006.
10. Hygiene Promotion and Reduction of Illness in Urban Families in South Africa: a Community Approach. Funded (\$1.2 million) by Reckitt Benckiser, a South African consumer products company, 2005-2007. Consultant.
11. Deseret Mutual Benefits Association (DMBA) Research on Childhood Cancer Incidence. Funded (\$4,050) by the Thrasher Research Fund, 2004. Principle Investigator: Merrill, R. M.
12. Improving Nutrition, Saving Lives: Understanding the Nutrition Transition in Asia. Funded (\$20,000) by Brigham Young University Environments for Mentoring Grants, 2004. Co-Investigators: Dearden, K., Merrill R. M., Page, R., Novilla, L.

13. Hepatitis B Meta-Analysis. Funded (\$15,000) by the World Health Organization, 2004. Principle Investigator: Merrill, R. M.
14. Survival Effects of Prostate Cancer Surveillance. Funded (\$3,375 x 3) by the National Cancer Institute, 2003-2005. Consultant.
15. The Popular Press: A Source of Injury Surveillance. Funded (\$4,000) by Brigham Young University, College of Health and Human Performance, 2002. Co-Investigators: Merrill, R. M., Thygeson, A. L.
16. Breast Cancer Prevalence Survey in Utah. Funded (\$6,915) by Brigham Young University, College of Health and Human Performance, 2002. Principle Investigator: Merrill, R. M.
17. Visiting Scientist Financial Support. Funded (\$8,000) by the Unit of Epidemiology for Cancer Prevention, International Agency for Research on Cancer, World Health Organization, 2001-2002.
18. Cancer among LDS and non-LDS in Utah: Data Linkage Project. Charles Redd Center for Western Studies. Funded (\$2,825) by John Topham and Susan Redd Butler Faculty Fellowship for 2001-2002.
19. Health Care Reducing Musculoskeletal Hazards Source Centers for Disease Control and Prevention (ATPM/CDC Cooperative Agreement) #TS-513-16/16. Funded \$448,513. Biostatistical consultant, 2001- 2003.
20. The Utah Robert Wood Johnson Foundation Tobacco Policy Project. Funded \$199,885. Co-Principle Investigator, 2001-2003.
21. ORCA Fellowship Mentor. Funded (\$500) by Brigham Young University, Associate Academic Vice President for Research and Graduate Studies, 2001.
22. Survival Analysis of Cases and Controls from the Utah Prostate Cancer Risk Factor Case-Control Study. Funded (\$3,186) by Brigham Young University, College of Health and Human Performance, 2000-2001.
23. Measuring the Influence of Family Religiosity on Adolescent Drug Use Behavior. Funded (\$1,680) by Brigham Young University, College of Health and Human Performance, 2001. Co-Investigators: Merrill, R. M., Salazar, R.
24. Measuring the Influence of Church Activity on Substance Abuse Behavior. Funded (\$1,130) by Brigham Young University, College of Health and Human Performance, 1999-2000. Co-Investigators: Merrill, R.M., Salazar, R.
25. Advanced Epidemiology Course Development. Funded (\$300) by Brigham Young University, Faculty Development Center, 1999-2000.

26. ORCA Fellowship Mentor. Funded (\$500) by Brigham Young University, Associate Academic Vice President for Research and Graduate Studies, 2000.
27. International Study Programs Mentor. Funded (\$100) by Brigham Young University, David M. Kennedy Center, 2000.
28. Technology Needs among Professional Health Educators: Implications for Professional Preparation. Funded (\$2,298) by Brigham Young University, College of Health and Human Performance, 1998-1999. Co-Investigators: Merrill, R. M., Barnes, M. D.

## VII. SCHOLASTIC AND OTHER HONORS

- |             |   |
|-------------|---|
| 8/17        | Outstanding Research Award, College of Life Sciences, Brigham Young University.   |
| 8/12        | Karl G. Maeser Research and Creative Arts Award, Brigham Young University.  |
| 9/09        | Fellow of the American Academy of Health Behavior.  |
| 11/08       | Honored Faculty Lecturer, College of Health and Human Performance, Brigham Young University.  |
| 3/06        | Fellow of the American College of Epidemiology.   |
| 5/04        | Utah Public Health Hero Award. Utah Public Health Association. Received at the Public Health Conference for Utah, May 20, 2004, West Valley City, Utah.                               |
| 2003        | Nominated for the Eminent Scientist of the Year 2003 by the International Research Promotion Council (Asia-Pacific Chapter).  |
| 2003-2004   | International Who's Who of Professional Educators. Who's Who Historical Society.  |
| 2002, 2003  | Marquis Who's Who in America. 57 <sup>th</sup> , 58 <sup>th</sup> Editions.   |
| 8/03        | International Union against Cancer International Cancer Technology Transfer Fellowship. The project was carried out at the International Agency for Research on Cancer, Lyon, France. |
| 8/02 – 7/04 | Eliza R. Snow Faculty Fellowship Award, Brigham Young University. Annual salary stipend and grant.  |

- 8/01 – 7/04 Young Scholar Award, Brigham Young University. Annual salary stipend and grant.
- 8/99 – 4/00 College of Health and Human Performance Research Award, Brigham Young University.
- 1997, 1998 Applied Research Branch Performance Award, National Cancer Institute.
- 1995 National Cancer Institute's financial tuition award and stipend for the Master of Public Health.
- 1995 Excellence in Teaching Award, Arizona State University.
- 1990-1994 Regent's Academic Scholarship, Arizona State University.
- 1990-1992 National Dean's List, Arizona State University.

#### **VIII. COMPUTER SKILLS**

SAS, SASGRAPH, SPSS, BMDP, STATA, EXECUSTAT, MINITAB, MATLAB, EXCEL, LISREL, EPI INFO

#### **IV. HONOR SOCIETIES**

1. Phi Kappa Phi, 1994
2. Alpha Iota Delta, 1994
3. Sigma Iota Epsilon, 1994
4. Pi Sigma Alpha, 1986

#### **V. PROFESSIONAL COMMUNITY ACTIVITIES**

- 1/16 Swiss National Science Foundation. Grant application reviewer.
- 11/12 Panelist/presenter (to ~ 1200) on two papers for a webinar for WellSteps.
- 4/03 – Cancer Research Center Board, Brigham Young University.
- 9/07 – 9/10 Membership/Admissions Committee, American College of Epidemiology.
- 4/03 – 8/09 Thrasher Research Advisory Board.

- 7/03 Lead discussant/coordinator on the U.S. FIFRA Scientific Advisory Panel for the Environmental Protection Agency regarding the characterization of epidemiology data related to prostate cancer and exposure to Atrazine.
- 6/03 Session Chair of the Epidemiology Session at the Hawaii International Conference on Statistics and Related Fields.
- 8/03 – 8/04 Past President of the Utah Chapter of the American Statistical Association.
- 9/02 – 8/03 President of the Utah Chapter of the American Statistical Association.
- 9/01 – 8/02 First Vice President of the Utah Chapter of the American Statistical Association.
- 9/06 – Advisor, Epidemiology Club at Brigham Young University.
- 9/02 – 12/06 Advisor, American Red Cross Club at Brigham Young University.
- 9/98 – Faculty Affiliate of the David M. Kennedy Center for International Studies at Brigham Young University.
- 10/00 – Full Member of the Cancer Research Center at Brigham Young University.
- 5/01, 5/02 Panel member for the faculty orientation seminar in the College of Health and Human Performance at Brigham Young University. Topics include obtaining continuing faculty status and rank advancement (5/01) and how to succeed in research (5/02).

## **VI. UNIVERSITY COMMUNITY ACTIVITIES**

### **A. University**

Director of the Gerontology Program, 2021–

Gerontology Committee, 2011–2019

Faculty Advisory Council, 2007–2010

Graduate Council, 2002–2006

University Academic Review Committee, 2002–2006

BYU Cancer Research Center, Member, 1999–

BYU Cancer Research Center, Board Member, 2003–

Faculty Affiliate of the David M. Kennedy Center, 1999–

B. College of Health and Human Performance Assignments:

HEPE Committee, 1998–2000

Research Committee, 1998-2002, 2006–2015

C. Department of Health Science/Public Health Assignments:

Awards Committee, 2011–2013

Extramural Funding Committee, 2005–2006

Rank and Continuing Status Committee, 2004-2011, 2014–

MPH Admissions Committee, 2002, 2003, 2006

MPH Curriculum Committee, 2003-2005, 2009–2013

Public Health Undergraduate Curriculum Committee, 2007–2011

Outcomes Assessment Committee, 2003–2004

Capital Equipment Committee, 2003–2004

Web Page Committee, 2003-2004, 2007–2009

Thesis/Dissertation Committee Member/Chair, 1998–2015

Graduate Coordinator, 1999–2003

Faculty Advisory Committee, 1998–2000

MPH Development Committee, 1998–2002

Research/Grants Committee, 2000–2002

Global Initiative Committee, 2000–2001

Merit Pay Committee, 2000-2002, 2004–2005, 2017-2018, 2021-2022

Search Committee, 1999–2001

**D. Mentor of the ORCA Undergraduate Research Fellowship Award**

- 2013 Michelle Marie Steele—Risk of injury according to having attention deficit hyperactivity disorder and comorbid mental illness
- 2013 Emily Anne Matson—Associations between the use of antidepressants and other medications
- 2007 Curtis John Read—Prevalence of stress, anxiety, and depression among BYU students according to level of physical activity.
- 2007 James B. Layton—Barriers to vaccine use among Hispanic immigrants in Utah County.
- 2007 Alan Taylor Kelley—Smoking attitudes and patient counseling behavior among physicians in Amman, Jordan.
- 2004 Julianne Stoddard—Use of research designs and statistical methods in leading health education journals: A content analysis.
- 2004 Robert Beck—Allergies and cancer.
- 2003 Evan Thacker—Identifying barriers to patient recruitment in community randomized clinical trials.
- 2001 Mark Morris—Prevalence corrected prostate cancer incidence rates and trends.
- 2001 William Jensen—Radical prostatectomy for treating prostate cancer in the United States.
- 2001 Justin Bird—Effect of young age on prostate cancer survival: A population-based assessment.
- 2000 Jared Sturgeon—Prostate cancer mortality according to LDS status in Utah.
- 2000 Kimberly Barlow—Changes in AIDs awareness in the U.S., 1987 through 1995.

**E. Mentor of the BYU Cancer Research Center Student Fellowship**

- 2010 Judy Ou— A bivariate regression model for predicting smoking rates

- 2002 Mara Hendricks Nelson—Public understanding of selected cancer statistics and the role these statistics play in motivating behavior change.

### **XIII. MEMBERSHIP IN PROFESSIONAL SOCIETIES**

1. Gerontology Society of America, 2021 –
2. Society for the Scientific Study of Religion, 2008 –
3. Religious Research Association, 2008 –
4. American Academy of Health Behavior, 2005 –
5. American College of Epidemiology, 1998 –
6. Society for Epidemiologic Research, 2000 –
7. American Statistical Association, 1993 – 2005
8. American Association for Cancer Research, 2003 – 2005
9. International Epidemiological Association, 2000 – 2005
10. American Public Health Association, 2000 – 2005, 2021 -
11. Utah Public Health Association, 2000 – 2005

### **XIV. TEACHING RESPONSIBILITIES AND ASSIGNMENTS**

#### **A. Undergraduate Courses Taught**

- 1/22 – Health and the Aging Process
- 1/18 – Introduction to Biostatistics
- 9/18 – Introduction to Data Collection and Analysis
- 9/18 – 12/19 Epidemiology Design and Analysis
- 9/98 – 12/18 Principles of Epidemiology\*
- 9/08 – 12/17 Field Epidemiology\*
- 9/08 – 12/17 Special Topics in Epidemiology\*
- 9/08 – 12/18 Clinical Trials\*
- 7/04 – 12/12 Health/Physical Education (Cancer Module) – BYU General Education Requirement\*
- 9/90 – 7/92 Principles of Statistics
- 9/98 – 12/98 Computer Applications in Health

**B. Graduate Courses Taught**

- 9/02 – Principles of Biostatistics\*
- 9/02 – Principles of Epidemiology\*
- 9/04 – 12/07 Field Epidemiology\*
- 9/98 – 4/01 Statistical Methods in Epidemiology\*
- 9/98 – 4/01 Research Methods in Health\*
- 1/08 – 4/01 Topics in Epidemiology\*
- Environmental Epidemiology  
Reproductive Epidemiology
- 9/98 – 4/01 Topics in Biostatistics\*
- Exploratory data analysis  
Nonparametric methods  
Survival analysis

\*New courses developed.

**C. Chair where MS or MPH degree awarded**

- 2022 Sariah Villalon
- 2022 Miriana Hansen
- 2021 Sarah Callaway—Program evaluation of the Dimensions Tobacco Cessation Program.
- 2020 Curtis Hanson—Onsite Care/Healthcare Data and Information Set.
- 2019 Chelsey Alexander—Healthcare spending on the quality of the nation's health: An analysis of public perceptions.
- 2018 Chandni Muralidharan—Assessment of parental oral health behaviors and barriers to receiving dental care during pregnancy. Fieldwork experience. Utah Department of Health Oral Health Unit. Project.
- 2017 Simone Bateman—Fieldwork. Utah County's Department of Drug and Alcohol Prevention and Treatment (aDDAPT). Marijuana and opioid study.

- 2015 Arielle Sloan—An analysis of community-based autism spectrum disorder prevalence among eight-year-old children in 3 Utah counties.
- 2014 Elizabeth Brutsch—Protective factors against psychological distress, depression, and suicide in youth.
- 2013 Riley Hedin—Drug overdose deaths associated with selected drug types and other factors.
- 2012 Allison Anderson—Risk-appropriate colorectal cancer screening: rural residents matter.
- 2010 Bradley Hunter—Religious orientation and self-rated health among older adults.
- 2010 John Beard—Suicide and pesticide exposures among pesticide applicators and their spouses in the agricultural health study.
- 2010 Camille Madson—Environmental correlates of classic Kaposi's sarcoma and Kaposi's sarcoma-related herpes virus in Sicily.
- 2009 Steven Watson—Prevention of sexually transmitted diseases in Utah: A needs assessment.
- 2008 Annah Layman—Bladder cancer and acquired immunodeficiency syndrome.
- 2007 Meredith Bergin—What effect does health education intervention have on college students' knowledge, attitudes, and behavior concerning tobacco use in Amman, Jordan?
- 2007 Jeffrey Folsom—Skin-to-skin contact and early initiation of breastfeeding in Viet Nam.
- 2005 Paul Perrin—Patterns of smoking behavior among Armenian health care workers.
- 2004 Emily Allen—Patient satisfaction at two Ministry of Health (MOH) health centers in Santa Cruz, Bolivia.
- 2001 Ugo Perego—Age, lifestyle, health risk indicators, and prostate-specific antigen scores in men participating in the World Senior Games.
- 2001 Hala Madanet—Breast cancer risk factor and screening awareness among female nurses and teachers in Amman, Jordan.

- 2000 Kelly Robinson—Lifestyle, stroke awareness, and stroke related screening results in the elderly.
- 2000 Nicole Gardner—Relationship between family religiosity and drug use behavior among youth.

**D. Committee member where MS, MPH, or MSPH degree awarded**

- 2022 Baylor Manley
- 2021 Christina Pang—Aerodynamic, acoustic, and visual–perceptual data to study the general effects of inhaled combination corticosteroid drugs (ICs) on the voice.
- 2021 Heidi Robison— Quantifying aerodynamic measures of onset PTP and PTF in leporine vocal folds treated with inhaled corticosteroid.
- 2021 Miriam Cambell— Identifying the detrimental impact of inhaled corticosteroids use on a variety of aerodynamic measurements.
- 2019 Mamadou Tounkara—Field experience. Huntsman Cancer Institute.
- 2017 Cerissa Hayhurst—Field experience. Park Nicollet Health Services.
- 2017 Helen Hilton—Field experience. Explored the Use of Health Insurance and Compiled Health Resources with the Association for Utah Community Health (AUCH)
- 2015 Elizabeth Hass—Field experience. Utah Gaining Ground Coalition.
- 2014 Jamie Pratt—Effects of worksite health promotion programs on employee biometric data
- 2013 JaLeen Rogers—Pilot customer satisfaction survey for Houston Multi-Service Centers-Area B.
- 2012 Paul Matiaco—Tardive dyskinesia incidence in a non-institutionalized population and in subgroups of diabetics and users of metoclopramide.
- 2011 Justin Tindall—Policy Agenda-Setting and Promotional Social Media for the Men’s Health Caucus (MHC) of the American Public Health Association (APHA)
- 2011 Jennifer Vehawn—Identifying barriers preventing Latina women from accessing WIC online health information.

- 2011 Catherine Wagley—Applying the Delphi method to assess cancer survivorship priorities in Utah
- 2009 Eli Morey—Assessment of Utah Residents’ knowledge, attitudes, and perceptions regarding residential methamphetamine contamination.
- 2009 Ryan Lindsay—Sexually active street children in the Philippines.
- 2008 Heather Gagon—Smoking prevalence and patient counseling practices about smoking among physicians and nurses in Belgrade, Serbia.
- 2008 Grant Roger Sunada—Assessing the emergency obstetric care system in Pursat, Cambodia through the UN process indicators and positive deviant mothers.
- 2008 Megan Dennis—Psychosocial distress and substance use among adolescents in four countries: Philippines, China, Chile, and Namibia.
- 2007 Anna Lurrine Zobell—Welcome Baby Home Visitation Program evaluation: The Utah Experience.
- 2007 Christopher David Smoot—Evaluation of the CERT program.
- 2007 Michael Massey—The influence of physical activity and body weight on C-reactive protein.
- 2006 Natalie Green De La Cruz—Understanding the sociodemographic, knowledge and attitude base determinants of malaria treatment and prevention in Ghana: A doer/non-doer analysis.
- 2006 TeriSue Smith—An evaluation of weight practices among U.S. adolescent females by racial origin.
- 2005 Spencer Mack—The effects of warm under-water jetted massage used in conjunction with stretching on hamstring flexibility.
- 2004 JaNae Arbuckle—A worksite experience with the diabetes prevention program.
- 2004 Amanda Chatterley— “What’s your Style?” The national cancer institute 9-a-day program intervention for men’s health month.
- 2003 Susan Christopherson—Family religiosity, personal religiosity, and illicit substance use among youth.

- 2003 Kristina Price—Financial impact of a comprehensive multi-site worksite health promotion program.
- 2002 Melissa Christensen—Breast cancer and religion in Utah. (University of Utah)
- 2001 Jenna McAllister—Cigarette smoking and stages of change among men and women in Kiev, Ukraine.
- 2000 Natalie Taylor Lindman—Market segmentation to establish priorities for physical activity: Use of qualitative methods.
- 1999 June Stanford—Relationship of perceived age and sales of tobacco and alcohol to underage customers.
- 1999 Ursula Sorensen—National highway traffic experts' versus driver education instructors' perceptions on the importance of driver fatigue.

**E. Committee member where PhD degree awarded**

- 2018 Jennifer Pierce—Acoustic voice measurement stability: A one-week longitudinal study in young females with healthy voices.
- 2012 Dee Hill-Mey—Outcomes of a five-year university-based worksite wellness program.
- 2009 Benjamin Crookston—The proximal and distal impacts of stunting: Exploring the consequences of chronic under-nutrition in children.
- 2009 Beverly Hyatt—Long-term outcomes of a wellness program for Salt Lake County employees.
- 2009 Neil Nokes—Changes in bone mineral density in middle-aged women according to physical activity volume, intensity, and cardio respiratory fitness: A 6-year prospective study.
- 2008 Rick Jorgensen—Interpretation of the Word of Wisdom and corresponding behaviors among Latter-day Saint college-aged students.
- 2005 Kristine Tanner—The effects of three nebulized osmotic agents in the dry larynx. (University of Utah)
- 2004 Eric Strong—Effects of different jumping programs on hip and spine bone mineral density in pre-menopausal women.
- 2001 John Librett—Development of the ending nicotine dependence (END) program. (University of Utah)

**E. Personal**

Golden Spike Marathon, 1983 (3:38); Deseret News Marathon, 1983 (3:03), 2017 (4:08); St. George Marathon, 2007 (3:37), 2008 (3:38); 2018 (3:57). Layton Marathon, 2017 (4:03); Mt. Nebo Marathon, 2017 (3:52); Utah Valley Half Marathon, 2018 (1:45); Utah Valley Marathon, 2019 (3:53); Mt. Hood Marathon, 2019 (4:10); St. George Marathon, 2021 (3:41); Boston Marathon, 2022 (4:25); St. George Half-Marathon, 2022 (1:39).