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Education

Oct 2007 M.S. Biostatistics, University of Washington, Seattle, WA
May 1999 B.S. Mathematics, University of Texas at Dallas, Richardson, TX

Professional Experience

Oct 2007 – present Biostatistician I
Group Health Research Institute, Seattle, WA
Sep 2005 – Oct 2007 Research Assistant
Group Health Research Institute, Seattle, WA
Aug 2000 – Jun 2005 Mathematics Instructor
The Hockaday School, Dallas, TX
Aug 1999 – Aug 2000 Teaching Assistant for the Learning Resource Center
University of Texas at Dallas, Richardson, TX

Honors and Affiliations

2007 - present American Statistical Association
2009 – 2010 Statistical Society of Canada
2005 John Killion Memorial Teaching Award
The Hockaday School

Presentations

1. "Quality of diagnostic mammography at facilities serving vulnerable women", Surveillance Scientific Meeting, Group Health Research Institute, Seattle, WA (Jun 2009)
2. "Adjustment for selection bias in constructing and evaluating prediction models, with application to autopsy studies of dementia", Statistical Society of Canada Annual Meeting, Vancouver, BC (Jun 2009)
3. "Neuropathology-based risk scoring for dementia diagnosis in the elderly", CPC Meeting, Veterans Affairs Medical Center, Seattle, WA (Apr 2009); Group Health Research Institute, WA (Mar 2009)
4. "Visual data checking", Group Health Research Institute, Seattle, WA (Oct 2008)

5. "Hormone therapy, mammography, and breast cancer rates", Breast Cancer Surveillance Consortium Meeting, Seattle, WA (Apr 2008)
6. "What in the world is happening with breast cancer rates?", Group Health Research Institute, Seattle, WA (Feb 2008)

Professional development coursework

1. Missing data (Paul D. Allison, Ph.D.), Temple University Center City, Philadelphia, PA (Apr 30 - May 1, 2010)
2. Regression modeling strategies (Frank E. Harrell, Jr., Ph.D.), Vanderbilt University, Nashville, TN (Mar 31 - Apr 2, 2010)

Peer-Reviewed Publications

1. Goldman, L.E., **Walker, R.**, Miglioretti, D.L., Smith-Bindman, R., Kerlikowske, K. (2010) Accuracy of diagnostic mammography at facilities serving vulnerable women. *Medical Care – Epub ahead of print.*
2. Gray, S., **Walker, R.**, Dublin, S., Haneuse, S., Crane, P., Breitner, J., Bowen, J., McCormick, W., Larson, E. (2010) Histamine-2 receptor antagonist use and incident dementia in an older cohort. *Journal of the American Geriatrics Society – in press.*
3. Farhat, G.N., **Walker, R.**, Buist, D.S.M., Onega, T., Kerlikowske, K. (2010) Changes in invasive breast cancer and ductal carcinoma in situ rates in relation to the decline in hormone therapy use. *Journal of Clinical Oncology – Epub ahead of print.*
4. Miglioretti, D.L., **Walker, R.**, Weaver, D.L., Buist, D.S.M., Taplin, S.H., Carney, P.A., Rosenberg, R.D., Dignan, M.B., Zhang, T., White, E. (2010) Accuracy of screening mammography varies by week of menstrual cycle. *Radiology – in press.*
5. Sonnen, J., Larson, E., **Walker, R.**, Haneuse, S., Crane, P., Gray, S., Breitner, J., Montine, T. (2010) Non-steroidal anti-inflammatory drugs are associated with increased neuritic plaques. *Neurology, 75(13):1203-1210.*
6. Dublin, S., **Walker, R.**, Jackson, M., Nelson, J., Weiss, N., Jackson, L.. (2010) Use of proton pump inhibitors and H2 blockers and risk of pneumonia in older adults: a population-based case-control study. *Pharmacoepidemiology and Drug Safety, 19(8):792-802.*
7. Kapp, J., **Walker, R.**, Haneuse, S., Buist, D.S.M., Yankaskas, B. (2010) Are there racial/ethnic disparities among women younger than 40 undergoing mammography? *Breast Cancer Research and Treatment, 124(1):213-222.*
8. Haneuse, S., Larson, E., **Walker, R.**, Montine, T., and Sonnen, J. (2009) Neuropathology-based risk scoring for dementia diagnosis in the elderly. *Journal of Alzheimer's Disease, 17(4):875-885.*

9. Breitner, J., Haneuse, S., **Walker, R.**, Dublin, S., Crane, P., Gray, S., and Larson, E. (2009) Risk of dementia and AD with prior exposure to NSAIDs in an elderly community-based cohort. *Neurology*, 72(22):1899-1905.
10. Kerlikowske, K., **Walker, R.**, Miglioretti, D.L., Desai, A., Ballard-Barbash R., and Buist, D.S.M. (2008) Obesity, mammography use and accuracy, and advanced breast cancer risk. *Journal of the National Cancer Institute*, 100(23):1724-1733.
11. Kerlikowske, K., Miglioretti, D.L., Buist, D.S.M., **Walker, R.**, and Carney, P.A. (2007) Declines in invasive breast cancer and use of postmenopausal hormone therapy in a screening mammography population. *Journal of the National Cancer Institute*, 99(17):1335-1339.

Acknowledgements

1. Dublin, S., Jackson, M., Nelson, J., Weiss, N., Larson, E., Jackson, L. (2009) Statin use and risk of community acquired pneumonia in older people: population based case-control study. *BMJ*, 338:b2137. DOI: 10.1136/bmj.b2137.
2. Nelson, H., Tyne, K., Nalk, A., Bougatsos, C., Chan, B., Humphrey, L. (2009) Screening for breast cancer: an update for the U.S. Preventive Services Task Force. *Annals of Internal Medicine*, 151:727-737.